

## Genetische trends van koeien in Vlaanderen

Datum: 15-08-2024

Algemene toelichting op de genetische trends van koeien:

Er worden alleen gemiddelde fokwaarden getoond als het aantal waarnemingen per jaar meer dan 10 is.

Het rasaandeel per getoond ras is minimaal 7/8, behalve voor FHF en MRH. Bij deze kruisingen geldt:

FHF: minimaal 2/8 HF of FH, 2e ras is resp. FH of HF (zwartbont)

MRH: minimaal 2/8 MRY of HF, 2e ras is resp. HF of MRY (roodbont)

Basis = Melkdoel zwart, Melkdoel rood, Dubbeldoel of Belgisch witblauw

Toelichting op gebruikte afkortingen:

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kgM = Kg melk  
kgV = Kg vet  
kgE = Kg eiwit  
kgL = Kg lactose  
%V = %vet  
%E = %eiwit  
%L = %lactose  
INET = INET  
H = Hoogtemaat  
VH = Voorhand  
IH = Inhoud  
OH = Openheid  
CS = Conditie  
KL = Kruisligging  
KB = Kruisbreedte  
BA = Beenstand achter  
BZ = Beenstand zij  
KH = Klauwhoek  
VB = Voorbeenstand  
BG = Beengebruik  
VA = Vooruieraanhechting  
VP = Voorspeenplaatsing  
SL = Speenlengte  
UD = Uierdiepte  
AH = Achteruierhoogte  
OB = Ophangband  
AP = Achterspeenplaatsing  
UBA = Uierbalans  
F = Frame  
T = Type  
U = Uier  
B = Beenwerk  
Bs = Bespiering  
Ext = Totaal exterieur  
NR56 = Non Return

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IAI = Interval afkalven-1e inseminatie  
 IEL = Interval eerste-laatste inseminatie  
 TKT = Tussenkalftijd  
 DP\_ko = Drachtpercentage-koe  
 DP\_pi = Drachtpercentage-pink  
 LEI = Leeftijd 1e inseminatie-pink  
 DO = Open dagen  
 Vru = Vruchtbaarheidsindex  
 MS = Melksnelheid  
 Kar = Karakter  
 SCC = Celgetal  
 SKM = Subklinische mastitis  
 KM = Klinische mastitis  
 NVI = NVI  
 Lvd = Levensduur  
 Ugh = Uiergezondheidsindex  
 Kgh = Klauwgezondheidsindex  
 Bv = Bevangenheid  
 Mo = Mortellaro  
 Sp = Stinkpoot  
 Zz = Zoolzweer  
 Ty = Tyloom  
 Wld = Wittelij defect  
 LVg = Index Levensvatbaarheid  
 LVa = Index Maternale Levensvatbaarheid  
 LVg1 = Directe levensvatbaarheid vaarzen  
 LVA1 = Maternale levensvatbaarheid vaarzen  
 LVg2 = Directe levensvatbaarheid koeien  
 LVA2 = Maternale levensvatbaarheid koeien  
 Geb = Direct geboorteverloop  
 Ddt = Directe draagtijd  
 DGw = Direct geboortegewicht  
 Afk = Maternaal afkalfgemak  
 Mdt = Maternale draagtijd  
 MGw = Maternaal geboortegewicht  
 Gin = Geboorteindex  
 Be\_ko = Bevleesdheid koe  
 Ve\_ko = Vetbedekking koe  
 Gw\_ko = Gewicht koe  
 Be\_ka = Bevleesdheid kalf  
 Ve\_ka = Vetbedekking kalf  
 Gr\_ka = Groei kalf  
 Vkl = Vleeskleur kalf  
 Be\_st = Bevleesdheid stier  
 Ve\_st = Vetbedekking stier  
 Gr\_st = Groei stier  
 Vlin = Vleesindex  
 KaVi1 = Kalvervitaliteit gedurende opfok  
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14  
 KaVi3 = Kalvervitaliteit mestkalveren

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LPin = Levensproductie index  
LPkgM = Levensproductie kg melk  
LPkgV = Levensproductie kg vet  
LPkgE = Levensproductie kg eiwit  
Eff = AMS Efficiency  
Int = AMS Interval  
Gewen = AMS Gewenning  
AMS = AMS index  
Pers = Persistentie  
RTM = Laatrijphheid  
DSopn = Kg droge stof opname  
Gew = Lichaamsgewicht  
BVK = Besparing voerkosten voor onderhoud (euro/lact)  
SAin = Stofwisselingsaandoeningen index  
MZ = Melkziekte index  
SMZ = Klinische Ketose / Slepemde Melkziekte index  
RSin = Reproductiestoornissen index  
NAGE = Aan de nageboorte blijven staan-index  
VUIL = Niet opgeschoonde baarmoeders-index  
BMON = Baarmoederontsteking index  
CYST = Cysteuze eierstokken index  
ANOE = Anoestrus index  
SubKE = Subklinische ketose index

Rassen met meer dan 10 waarnemingen per jaar - Vlaanderen

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Zwartbont Holstein  
Red-Holstein  
Holstein - Fries Hollands zwartbont  
Fries Hollands - zwartbont  
Maas Rijn IJssel  
MRIJ - Holstein Friesian roodbont  
Jersey  
Lakenvelder - zwartbont  
Verbeterd Roodbont  
Witblauw Mixte  
Rood Dubbeldoel  
Rood Vlees  
Witrood  
Witblauw  
Brand rood  
Fleck Vieh  
Brown Swiss  
Montbéliard  
Piemontese  
Blonde d'Aquitaine  
Normande  
KRB

Inhoudsopgave (Vlaanderen)

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Tabel: 250 Montbéliard, basis R: Kalvervitaliteit  
Tabel: 251 Montbéliard, basis R: Levensproductiekenmerken  
Tabel: 252 Montbéliard, basis R: Robot / AMS kenmerken  
Tabel: 253 Montbéliard, basis R: Overige productie en efficiency kenm.  
Tabel: 254 Montbéliard, basis R: Stofwisselingsaandoeningen  
Tabel: 255 Montbéliard, basis R: Reproductiestoornissen  
Tabel: 256 Piemontese, basis Y: Vruchtbaarheidskenmerken  
Tabel: 257 Piemontese, basis Y: Geboortekenmerken  
Tabel: 258 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken  
Tabel: 259 Blonde d'Aquitaine, basis Y: Geboortekenmerken  
Tabel: 260 Blonde d'Aquitaine, basis Y: Vleeskenmerken  
Tabel: 261 Normande, basis R: Melkproductiekenmerken  
Tabel: 262 Normande, basis R: Vruchtbaarheidskenmerken  
Tabel: 263 Normande, basis R: NVI met onderliggende kenmerken  
Tabel: 264 Normande, basis R: Levensproductiekenmerken  
Tabel: 265 Normande, basis R: Overige productie en efficiency kenm.  
Tabel: 266 Normande, basis R: Stofwisselingsaandoeningen  
Tabel: 267 KRB, basis Y: Melkproductiekenmerken  
Tabel: 268 KRB, basis Y: Vruchtbaarheidskenmerken  
Tabel: 269 KRB, basis Y: NVI met onderliggende kenmerken  
Tabel: 270 KRB, basis Y: Levensvatbaarheidskenmerken  
Tabel: 271 KRB, basis Y: Geboortekenmerken  
Tabel: 272 KRB, basis Y: Levensproductiekenmerken  
Tabel: 273 KRB, basis Y: Overige productie en efficiency kenm.  
Tabel: 274 KRB, basis Y: Stofwisselingsaandoeningen

#### Genetische trend van koeien in Vlaanderen

Tabel: 1 Zwartbont Holstein: Melkproductiekenmerken  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	385	-2952.2	-110.4	-106.1	-134.3	26.3	-5.1	0.8	-787.5
1981	528	-3008.4	-112.5	-107.3	-136.9	27.0	-3.7	0.8	-799.0
1982	615	-2879.7	-107.3	-104.3	-131.0	26.5	-5.9	0.8	-770.6
1983	809	-2856.6	-105.4	-104.1	-130.0	27.7	-7.1	0.8	-764.0
1984	949	-2828.0	-102.0	-103.1	-128.7	31.4	-6.8	0.8	-749.3
1985	1314	-2777.6	-99.3	-101.4	-126.4	32.2	-7.0	0.8	-734.3
1986	2296	-2602.3	-93.8	-96.5	-118.4	28.5	-8.6	0.7	-696.3
1987	3322	-2655.4	-93.4	-96.9	-120.8	32.7	-6.4	0.8	-696.8
1988	4707	-2513.4	-88.4	-92.0	-114.3	30.4	-6.4	0.8	-661.0
1989	6255	-2421.0	-85.3	-89.9	-110.1	28.7	-8.0	0.7	-642.5

[Auteur]

1990	7812	-2258.7	-80.3	-85.2	-102.6	25.4	-9.1	0.7	-607.3
1991	9766	-2149.1	-78.1	-82.1	-97.6	21.3	-10.1	0.7	-587.6
1992	11560	-2008.1	-76.1	-78.1	-91.2	15.0	-11.2	0.7	-564.0
1993	12863	-1901.2	-73.8	-75.1	-86.3	11.3	-12.1	0.7	-544.3
1994	14997	-1778.6	-71.3	-71.5	-80.7	7.3	-13.0	0.7	-521.4
1995	16935	-1663.8	-67.5	-67.4	-75.5	5.5	-12.6	0.6	-492.5
1996	17828	-1520.8	-63.5	-62.9	-69.0	2.6	-13.1	0.6	-460.9
1997	19184	-1454.2	-61.1	-60.5	-65.9	2.0	-12.9	0.6	-443.6
1998	20326	-1346.3	-58.7	-57.0	-61.0	-1.0	-13.1	0.6	-421.5
1999	20662	-1280.0	-56.8	-55.1	-58.0	-2.2	-13.4	0.6	-407.3
2000	21386	-1148.0	-55.2	-51.2	-52.0	-7.1	-14.1	0.5	-385.8
2001	21914	-1076.5	-54.5	-49.3	-49.0	-10.3	-14.7	0.2	-375.5
2002	22482	-991.9	-52.5	-46.7	-45.9	-12.2	-15.0	-0.7	-358.5
2003	22705	-950.5	-50.5	-45.7	-46.7	-11.8	-15.4	-4.1	-348.0
2004	23051	-876.5	-47.9	-42.2	-43.1	-12.5	-14.2	-3.8	-325.3
2005	22260	-811.9	-45.9	-39.9	-40.2	-13.3	-14.0	-3.8	-309.4
2006	23136	-722.5	-44.2	-36.6	-35.4	-15.8	-13.6	-2.9	-290.0
2007	22243	-653.5	-43.0	-34.0	-31.9	-17.7	-13.3	-2.5	-275.1
2008	23795	-615.5	-42.0	-32.4	-29.7	-18.4	-12.9	-2.0	-265.3
2009	22890	-563.3	-39.3	-30.4	-27.2	-17.7	-12.6	-1.8	-248.9
2010	22395	-520.6	-36.5	-28.3	-25.1	-16.4	-11.8	-1.6	-231.4
2011	22399	-459.4	-33.8	-25.8	-21.4	-16.1	-11.2	-0.5	-212.4
2012	23083	-434.6	-32.0	-24.0	-20.2	-15.1	-10.1	-0.4	-199.2
2013	24065	-378.5	-28.8	-21.8	-17.3	-14.1	-9.7	-0.1	-180.4
2014	25505	-293.9	-25.2	-19.1	-13.4	-13.8	-9.8	0.0	-157.5
2015	26749	-192.4	-19.9	-15.5	-8.5	-12.5	-9.6	0.3	-126.5
2016	27104	-84.3	-14.4	-10.8	-3.5	-11.2	-8.3	0.4	-89.6
2017	26581	14.8	-8.5	-6.4	1.7	-9.2	-7.2	1.1	-53.3
2018	27017	134.8	-3.9	-1.8	7.5	-9.6	-6.6	1.5	-19.3
2019	26660	213.4	3.8	3.4	11.2	-4.6	-3.8	1.6	25.9
2020	27281	338.2	11.2	8.3	17.4	-2.3	-3.1	2.1	69.3
2021	25583	422.2	18.3	12.7	21.9	1.5	-1.5	2.8	109.6
2022	7596	486.5	23.7	16.3	24.5	4.3	-0.1	2.5	140.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 2 Zwartbont Holstein: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	127	85.2	91.3	86.4	85.4	102.0	96.8	94.6
1981	202	85.9	91.2	87.2	86.5	101.3	97.0	94.8
1982	253	86.2	91.5	87.8	86.9	101.0	96.2	95.0
1983	318	85.5	92.0	87.1	86.0	102.1	96.4	94.6
1984	420	85.9	92.3	87.6	86.2	102.2	96.0	94.5
1985	637	85.9	92.4	87.6	86.1	102.4	96.5	94.6
1986	1077	87.0	92.9	88.7	87.0	101.7	96.2	95.3

[Auteur]

1987	1363	86.8	92.8	89.0	87.2	101.6	95.9	95.2
1988	2156	87.1	93.1	89.5	87.6	101.2	95.9	95.4
1989	3494	87.6	93.3	90.1	88.2	100.9	95.7	95.6
1990	4415	88.2	93.2	90.6	88.7	100.5	96.2	95.7
1991	5628	88.6	93.2	90.9	89.1	100.2	96.4	95.9
1992	6881	89.2	93.9	91.5	89.7	100.0	96.4	96.1
1993	7476	89.7	94.2	92.0	90.1	99.9	96.4	96.1
1994	8851	90.1	94.2	92.5	90.7	99.6	96.5	96.2
1995	10069	90.5	94.5	92.9	91.2	99.4	96.7	96.1
1996	11031	90.8	94.6	93.4	91.8	99.0	96.8	95.8
1997	11669	91.4	94.8	93.7	92.1	99.0	97.1	96.2
1998	12755	91.8	95.2	94.3	92.6	98.9	97.2	96.4
1999	12706	92.1	95.3	94.6	93.1	98.9	97.4	96.5
2000	13139	92.7	95.6	95.1	93.7	98.5	97.9	97.2
2001	13477	93.2	95.5	95.3	93.9	98.2	97.7	97.4
2002	13707	93.6	95.6	95.7	94.3	97.9	97.9	97.5
2003	13803	94.1	96.0	96.3	95.0	97.8	97.9	98.0
2004	13779	94.3	96.1	96.3	95.0	98.0	98.2	97.8
2005	12899	94.8	96.6	96.8	95.6	98.1	98.6	97.9
2006	13354	95.4	96.9	97.2	95.8	98.3	98.9	98.2
2007	12474	95.8	97.2	97.5	96.0	98.4	99.1	98.7
2008	12911	96.1	97.4	97.7	96.2	98.5	99.2	99.0
2009	13010	96.2	97.4	97.7	96.3	98.7	99.2	99.1
2010	13662	96.6	97.7	97.9	96.6	98.8	99.2	99.1
2011	13795	97.2	98.4	98.4	97.0	99.5	99.0	99.4
2012	14338	98.0	98.6	98.8	97.5	99.5	99.0	99.4
2013	14942	98.5	98.5	99.0	98.1	99.3	99.0	99.5
2014	15546	98.9	98.7	99.3	98.5	99.3	99.4	99.6
2015	16065	99.3	98.9	99.4	98.9	99.5	99.3	99.8
2016	15762	99.7	99.2	99.8	99.4	99.6	99.0	100.0
2017	15374	100.4	99.5	99.9	99.7	99.8	98.9	100.3
2018	14575	100.9	99.8	100.3	100.4	99.8	99.3	100.3
2019	14029	101.2	100.1	100.7	100.9	99.6	99.8	100.4
2020	13908	101.6	100.7	101.2	101.2	100.2	99.8	100.6
2021	12318	102.0	101.2	101.6	101.8	100.3	99.7	100.9
2022	1854	102.1	101.4	101.7	102.2	100.2	99.9	101.2

Tabel: 3 Zwartbont Holstein: Exterieurkenmerken beenwerk  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	127	89.1	102.8	96.0	91.8	87.5
1981	202	89.9	103.0	96.3	91.9	88.5
1982	253	90.2	103.2	96.2	92.1	88.9
1983	318	89.8	103.1	96.1	92.3	88.3
1984	420	89.7	103.3	95.8	92.6	88.2

[Auteur]

1985	637	89.9	103.7	95.8	93.1	88.5
1986	1077	90.6	103.8	95.7	93.3	89.0
1987	1363	90.4	104.1	95.4	92.9	88.7
1988	2156	90.9	104.3	95.2	93.2	89.1
1989	3494	91.4	104.5	95.2	93.4	89.6
1990	4415	91.4	104.4	95.1	93.4	89.7
1991	5628	91.8	104.3	95.2	93.6	90.3
1992	6881	91.7	104.3	95.0	93.9	90.4
1993	7476	91.9	104.2	95.1	93.9	90.5
1994	8851	92.2	104.1	95.2	94.1	90.9
1995	10069	92.3	104.1	95.2	94.4	91.4
1996	11031	92.5	104.4	94.9	94.5	91.7
1997	11669	92.9	104.0	95.0	94.7	92.1
1998	12755	93.2	103.8	95.3	94.9	92.4
1999	12706	93.4	103.9	95.3	94.9	92.6
2000	13139	93.4	103.5	95.6	94.6	92.8
2001	13477	93.7	103.5	95.6	94.7	93.0
2002	13707	93.6	103.5	95.5	94.7	93.1
2003	13803	94.0	103.8	95.2	95.1	93.4
2004	13779	94.2	103.0	96.1	95.5	93.7
2005	12899	94.9	103.0	96.6	95.7	94.3
2006	13354	94.8	102.5	97.0	95.4	94.5
2007	12474	95.1	102.0	97.3	95.2	94.7
2008	12911	95.2	101.6	97.8	95.3	94.8
2009	13010	95.3	101.6	97.9	95.7	95.1
2010	13662	95.4	101.4	98.0	96.1	95.2
2011	13795	95.4	101.3	98.2	96.5	95.2
2012	14338	95.7	101.0	98.3	96.8	95.5
2013	14942	95.9	101.0	98.4	97.0	95.8
2014	15546	96.7	101.0	98.6	97.4	96.4
2015	16065	97.3	100.7	98.9	97.7	96.9
2016	15762	98.0	100.6	99.3	98.3	97.6
2017	15374	98.3	100.4	99.8	98.4	98.0
2018	14575	98.9	100.3	100.1	99.1	98.7
2019	14029	99.5	99.8	100.4	99.7	99.5
2020	13908	100.0	99.5	100.8	100.3	100.1
2021	12318	100.7	99.4	100.7	101.1	100.9
2022	1854	101.4	99.7	100.3	101.5	101.6

Tabel: 4 Zwartbont Holstein: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	127	89.2	88.0	100.2	90.9	86.2	90.6	89.9
93.0								

[Auteur]

1981	202	89.2	88.3	100.5	91.0	86.6	90.9	90.5
93.5								
1982	253	89.7	89.0	100.7	91.2	86.8	91.6	91.1
93.4								
1983	318	89.9	88.8	100.4	91.5	86.4	91.3	90.7
93.5								
1984	420	89.6	88.5	100.4	91.3	86.3	91.1	90.4
93.1								
1985	637	89.7	88.4	100.3	91.4	86.5	91.1	90.5
93.2								
1986	1077	89.8	88.9	100.1	91.3	86.7	91.7	91.1
93.1								
1987	1363	89.4	88.5	100.3	90.9	86.9	91.6	90.8
93.0								
1988	2156	89.5	88.7	100.2	90.9	87.4	92.1	91.2
93.1								
1989	3494	89.7	88.9	100.1	90.9	87.6	92.3	91.4
93.0								
1990	4415	89.9	89.3	100.1	91.0	87.9	92.7	91.9
93.2								
1991	5628	90.1	89.8	100.3	91.2	88.3	93.3	92.5
93.6								
1992	6881	90.3	90.2	100.5	91.3	88.8	93.5	92.8
94.2								
1993	7476	90.1	90.4	100.6	91.1	89.2	93.8	93.1
94.5								
1994	8851	90.2	90.8	100.7	91.3	89.6	94.3	93.9
94.9								
1995	10069	90.6	91.2	101.0	91.4	90.1	94.5	94.3
95.2								
1996	11031	90.8	91.4	100.9	91.3	90.1	94.5	94.3
95.4								
1997	11669	91.3	91.7	100.8	91.7	90.5	94.8	94.7
95.5								
1998	12755	91.3	91.9	100.8	91.6	90.8	95.1	95.1
95.7								
1999	12706	91.6	92.6	100.6	91.7	91.2	95.4	95.6
95.9								
2000	13139	91.7	93.5	100.5	91.8	91.3	96.2	96.5
96.0								
2001	13477	92.0	93.8	100.9	92.3	91.9	96.7	96.9
96.7								
2002	13707	92.1	94.4	101.0	92.5	92.1	96.9	97.1
97.2								
2003	13803	92.6	94.5	100.8	92.7	92.6	96.9	97.2
97.2								
2004	13779	93.0	94.6	101.2	92.9	93.1	97.1	97.4
97.6								
2005	12899	93.4	95.1	101.0	93.2	93.7	97.5	98.0
98.0								

[Auteur]

2006	13354	93.7	95.6	101.1	93.6	93.8	97.7	98.3
98.2								
2007	12474	94.0	96.1	101.0	93.9	94.2	97.9	98.6
98.1								
2008	12911	94.4	96.4	100.8	94.2	94.7	98.3	98.9
98.4								
2009	13010	94.6	96.3	100.7	94.6	94.9	98.4	98.7
98.6								
2010	13662	95.1	96.9	100.3	95.1	95.2	98.6	99.0
98.5								
2011	13795	95.6	97.5	100.0	95.6	95.4	98.6	99.0
98.1								
2012	14338	96.3	97.9	99.9	96.5	96.1	98.8	99.3
98.2								
2013	14942	96.7	98.1	100.1	97.0	96.6	99.0	99.4
98.5								
2014	15546	97.0	98.4	100.2	97.4	97.3	99.4	99.7
98.9								
2015	16065	97.7	99.0	100.3	98.0	98.0	99.9	100.3
99.3								
2016	15762	98.4	99.5	100.1	98.6	98.6	100.0	100.4
99.5								
2017	15374	99.2	99.7	100.3	99.6	99.3	100.1	100.2
99.5								
2018	14575	100.0	100.1	100.1	100.4	100.1	100.5	100.4
99.8								
2019	14029	100.9	100.3	100.0	101.1	100.7	100.7	100.4
100.3								
2020	13908	101.9	100.8	100.0	101.9	101.4	101.0	100.7
100.6								
2021	12318	102.6	101.1	100.0	102.6	101.9	101.2	100.9
101.0								
2022	1854	102.9	101.4	99.9	103.0	102.2	101.4	101.3
101.3								

Tabel: 5 Zwartbont Holstein: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	127	85.7	86.8	85.4	86.8	0.0	79.1
1981	202	86.5	87.1	85.7	87.8	0.0	80.0
1982	253	86.5	87.2	86.2	88.2	0.0	80.5
1983	318	85.7	87.4	86.1	87.6	0.0	79.9
1984	420	85.7	87.7	85.8	87.4	0.0	79.7
1985	637	85.9	87.8	86.0	87.7	0.0	80.0
1986	1077	87.2	88.6	86.3	88.2	0.0	80.9

[Auteur]

1987	1363	87.0	88.7	86.1	87.9	0.0	80.6
1988	2156	87.3	89.0	86.5	88.2	0.0	81.1
1989	3494	87.9	89.4	86.7	88.7	0.0	81.7
1990	4415	88.8	89.6	87.0	88.8	0.0	82.3
1991	5628	89.3	89.8	87.4	89.3	0.0	82.9
1992	6881	90.1	90.6	87.8	89.3	0.0	83.5
1993	7476	90.6	91.0	87.9	89.5	0.0	83.9
1994	8851	91.1	91.4	88.2	89.9	0.0	84.5
1995	10069	91.6	91.7	88.6	90.3	0.0	85.1
1996	11031	91.9	92.0	88.8	90.5	0.0	85.4
1997	11669	92.7	92.4	89.3	90.9	0.0	86.2
1998	12755	93.4	92.9	89.4	91.3	0.0	86.7
1999	12706	93.8	93.4	89.7	91.5	0.0	87.2
2000	13139	94.9	93.9	89.9	91.7	0.0	87.8
2001	13477	95.2	93.9	90.5	92.0	0.0	88.4
2002	13707	95.8	94.0	90.7	92.0	0.0	88.7
2003	13803	96.5	94.8	91.2	92.3	0.0	89.4
2004	13779	96.6	94.9	91.6	92.7	0.0	90.0
2005	12899	97.3	95.5	92.1	93.5	0.0	90.9
2006	13354	97.8	95.9	92.4	93.7	0.0	91.4
2007	12474	98.3	96.3	92.8	94.0	0.0	92.0
2008	12911	98.7	96.6	93.4	94.2	0.0	92.5
2009	13010	98.7	96.8	93.7	94.5	0.0	92.9
2010	13662	99.0	97.1	94.1	94.6	0.0	93.3
2011	13795	99.4	97.9	94.6	94.6	0.0	93.8
2012	14338	99.8	98.3	95.5	94.9	0.0	94.6
2013	14942	99.9	98.5	96.0	95.2	0.0	95.1
2014	15546	100.3	98.9	96.6	95.9	0.0	95.9
2015	16065	100.3	99.3	97.4	96.4	0.0	96.7
2016	15762	100.4	99.7	98.1	97.1	0.0	97.6
2017	15374	100.5	100.1	99.1	97.5	0.0	98.4
2018	14575	100.7	100.5	100.1	98.3	0.0	99.4
2019	14029	101.0	100.6	100.9	99.0	0.0	100.3
2020	13908	101.1	101.1	101.9	99.6	0.0	101.3
2021	12318	101.5	101.6	102.6	100.3	0.0	102.2
2022	1854	101.9	101.9	102.9	101.0	0.0	102.9

Tabel: 6 Zwartbont Holstein: Vruchtbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	1126	104.9	103.0	102.3	102.9	100.5	98.3	81.3	103.0
	101.3								

[Auteur]



1981	1329	104.7	102.8	101.9	102.7	100.2	98.5	81.7	102.7
101.0									
1982	1260	104.3	101.8	101.2	101.8	99.8	98.2	82.1	101.7
100.4									
1983	1400	103.5	101.9	100.6	101.4	99.3	98.0	82.0	101.4
99.9									
1984	1566	103.1	101.5	100.2	100.9	99.0	98.2	82.8	100.9
99.6									
1985	1894	103.2	101.3	100.3	100.8	99.2	98.7	83.4	100.9
99.8									
1986	2856	102.5	100.7	99.4	100.0	98.5	98.1	84.8	100.0
99.0									
1987	3712	102.4	100.5	99.1	99.8	98.2	98.8	84.8	99.7
98.9									
1988	4959	102.2	99.8	98.6	99.0	98.0	99.2	85.6	99.0
98.6									
1989	6660	101.9	99.4	98.2	98.6	97.6	99.4	86.5	98.6
98.3									
1990	8275	101.9	99.2	98.2	98.4	97.7	99.7	87.5	98.4
98.3									
1991	10344	101.7	99.0	97.9	98.2	97.4	99.6	88.2	98.2
98.0									
1992	12243	101.4	98.7	97.6	97.8	97.2	99.8	88.9	97.8
97.8									
1993	13749	101.4	98.3	97.4	97.5	97.2	100.0	89.7	97.5
97.7									
1994	16462	101.2	97.7	97.0	96.9	96.8	99.6	90.0	96.9
97.2									
1995	18438	101.0	97.3	96.6	96.4	96.5	99.5	90.9	96.5
96.8									
1996	19365	100.5	97.3	96.5	96.3	96.4	99.4	91.6	96.4
96.7									
1997	20621	100.3	97.2	96.4	96.2	96.3	99.1	92.1	96.4
96.6									
1998	21805	99.9	97.1	96.0	95.9	95.9	99.1	93.1	96.0
96.3									
1999	22248	99.8	96.7	95.8	95.5	95.7	99.1	93.1	95.7
96.1									
2000	23053	99.2	96.7	95.3	95.2	95.2	98.5	93.9	95.4
95.6									
2001	23697	99.2	96.3	95.1	94.8	95.1	98.4	94.3	95.1
95.3									
2002	24498	99.3	96.0	95.1	94.7	95.1	98.6	95.1	94.9
95.3									
2003	24843	99.5	96.0	95.3	94.8	95.3	98.8	95.4	95.0
95.5									
2004	25214	99.0	96.0	94.9	94.6	95.0	98.4	95.3	94.8
95.2									
2005	24449	98.7	96.0	94.7	94.5	94.7	98.3	95.4	94.6
95.0									

[Auteur]

2006	25289	98.3	96.3	94.5	94.6	94.5	97.7	95.6	94.7
94.8									
2007	24735	98.2	96.3	94.5	94.6	94.5	97.5	96.0	94.7
94.7									
2008	27429	98.4	96.5	94.9	94.9	94.9	97.8	96.2	95.0
95.1									
2009	26932	98.6	96.6	95.2	95.2	95.3	98.2	96.6	95.3
95.5									
2010	26466	98.8	96.7	95.5	95.5	95.6	98.4	96.7	95.6
95.8									
2011	26459	98.9	97.4	96.0	96.1	96.0	98.3	96.8	96.2
96.2									
2012	27937	98.9	97.9	96.5	96.7	96.4	98.5	97.3	96.7
96.7									
2013	29504	99.1	98.3	97.1	97.2	97.0	98.9	97.8	97.3
97.3									
2014	31850	99.2	98.7	97.6	97.7	97.5	99.4	98.4	97.8
97.8									
2015	33336	99.4	98.7	97.8	97.9	97.8	99.6	98.6	98.0
98.1									
2016	34114	99.9	98.8	98.5	98.3	98.6	99.8	99.1	98.4
98.6									
2017	33298	100.2	99.0	99.0	98.8	99.2	100.0	99.7	98.9
99.2									
2018	34451	100.4	99.3	99.6	99.3	99.8	100.4	100.0	99.4
99.7									
2019	35063	100.3	99.7	100.0	99.8	100.2	100.5	100.4	99.9
100.1									
2020	36572	100.4	99.9	100.3	100.1	100.5	100.6	100.7	100.1
100.4									
2021	34813	100.4	100.0	100.5	100.3	100.7	100.5	101.3	100.3
100.6									
2022	25880	100.5	100.1	100.9	100.6	101.1	100.7	101.6	100.6
100.9									
2023	455	100.9	99.8	101.2	100.6	101.5	100.9	101.9	100.7
101.1									

Tabel: 7 Zwartbont Holstein: Gebruikskennmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	111	98.8	95.1	93.9	98.5	103.0
1981	177	98.6	94.9	93.8	97.7	102.8
1982	215	98.8	94.4	93.7	97.4	102.2
1983	301	98.6	94.9	93.8	97.7	102.6

[Auteur]

1984	401	98.3	94.9	93.9	97.5	102.5
1985	613	98.4	94.7	94.2	97.9	102.6
1986	1057	98.1	95.4	94.0	97.6	102.1
1987	1316	98.4	94.9	93.6	97.1	101.8
1988	2098	98.3	95.0	93.3	96.8	101.4
1989	3355	98.5	95.1	93.2	96.6	101.2
1990	4252	98.6	95.3	93.3	96.7	100.8
1991	5373	98.7	95.1	93.0	96.2	100.2
1992	6660	98.9	95.4	92.8	95.9	99.7
1993	7077	98.8	95.4	92.9	95.9	99.5
1994	8450	99.1	95.8	92.8	95.6	99.2
1995	9571	98.9	95.7	92.8	95.3	99.0
1996	10344	99.4	95.7	92.9	95.4	98.5
1997	10969	99.3	96.1	93.1	95.5	98.4
1998	11973	99.3	96.1	93.2	95.4	98.2
1999	12044	99.2	96.3	93.1	95.1	97.9
2000	12534	99.6	96.7	93.2	95.2	97.8
2001	13107	99.4	96.8	93.3	95.2	97.7
2002	13487	99.6	96.8	93.4	95.0	97.3
2003	13627	99.5	96.8	93.4	94.9	97.2
2004	13637	99.6	96.6	93.5	94.8	97.2
2005	12741	99.5	97.2	93.5	94.6	97.1
2006	13134	99.8	97.4	93.9	94.9	97.3
2007	12279	100.0	98.0	93.9	94.7	97.2
2008	12666	100.1	98.2	94.2	94.9	97.2
2009	12718	100.1	98.0	94.4	95.0	97.3
2010	13260	100.3	98.3	94.7	95.2	97.3
2011	13366	100.4	98.4	95.5	95.9	97.7
2012	13882	100.4	98.4	95.9	96.3	97.9
2013	14503	100.5	98.7	96.4	96.7	98.1
2014	14899	100.3	98.8	97.1	97.4	98.5
2015	15583	100.1	99.2	97.8	98.1	98.9
2016	15106	99.9	99.3	98.5	98.8	99.3
2017	14914	99.7	99.6	99.4	99.6	99.8
2018	14108	100.3	99.9	99.9	99.8	99.8
2019	13259	100.3	100.4	100.5	100.3	100.0
2020	12683	99.9	100.5	101.2	100.8	100.3
2021	11232	99.5	100.6	101.8	101.5	100.6
2022	1681	99.3	100.8	102.1	101.9	100.8

Tabel: 8 Zwartbont Holstein: NVI met onderliggende kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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BVK

[Auteur]

1980	385	-277.1	-787.5	-380.9	101.2	101.3	85.4	86.8	95.2
0.0									
1981	528	-293.9	-799.0	-374.4	100.7	101.0	85.7	87.8	95.4
0.0									
1982	615	-298.6	-770.6	-395.5	100.2	100.4	86.2	88.2	95.9
0.0									
1983	809	-309.9	-764.0	-416.8	100.5	99.9	86.1	87.6	96.3
0.0									
1984	949	-322.4	-749.3	-444.1	100.4	99.6	85.8	87.4	96.2
0.0									
1985	1314	-261.3	-734.3	-449.6	100.6	99.8	86.0	87.7	96.3
234.6									
1986	2296	-263.6	-696.3	-444.6	100.2	99.0	86.3	88.2	96.4
219.1									
1987	3322	-271.3	-696.8	-472.6	99.8	98.9	86.1	87.9	96.2
214.4									
1988	4707	-271.1	-661.0	-492.1	99.3	98.6	86.5	88.2	96.3
200.4									
1989	6255	-271.6	-642.5	-505.6	99.2	98.3	86.7	88.7	96.3
190.4									
1990	7812	-264.2	-607.3	-505.4	98.9	98.3	87.0	88.8	96.3
183.8									
1991	9766	-264.5	-587.6	-522.2	98.3	98.0	87.4	89.3	96.1
179.1									
1992	11560	-264.6	-564.0	-516.4	97.9	97.8	87.8	89.3	96.3
166.7									
1993	12863	-261.4	-544.3	-508.4	97.8	97.7	87.9	89.5	96.3
160.5									
1994	14997	-259.9	-521.4	-500.5	97.4	97.2	88.2	89.9	96.3
155.8									
1995	16935	-257.1	-492.5	-498.3	97.1	96.8	88.6	90.3	96.3
148.6									
1996	17828	-248.9	-460.9	-470.9	96.8	96.7	88.8	90.5	96.2
144.0									
1997	19184	-246.0	-443.6	-465.6	96.8	96.6	89.3	90.9	96.1
136.6									
1998	20326	-246.7	-421.5	-467.7	96.7	96.3	89.4	91.3	95.8
128.4									
1999	20662	-247.6	-407.3	-476.7	96.3	96.1	89.7	91.5	95.5
123.6									
2000	21386	-244.6	-385.8	-465.1	96.3	95.6	89.9	91.7	95.5
116.3									
2001	21914	-241.0	-375.5	-452.6	96.2	95.3	90.5	92.0	95.5
113.9									
2002	22482	-238.0	-358.5	-448.7	95.9	95.3	90.7	92.0	95.6
108.8									
2003	22705	-234.8	-348.0	-451.5	95.8	95.5	91.2	92.3	95.6
99.1									

[Auteur]

2004	23051	-228.3	-325.3	-435.9	95.7	95.2	91.6	92.7	95.7
95.0									
2005	22260	-225.1	-309.4	-436.2	95.5	95.0	92.1	93.5	95.7
86.4									
2006	23136	-215.5	-290.0	-408.5	95.8	94.8	92.4	93.7	96.0
77.1									
2007	22243	-210.9	-275.1	-390.1	95.7	94.7	92.8	94.0	95.8
70.2									
2008	23795	-203.0	-265.3	-373.7	95.8	95.1	93.4	94.2	96.0
65.4									
2009	22890	-190.9	-248.9	-345.2	95.9	95.5	93.7	94.5	96.0
62.6									
2010	22395	-181.5	-231.4	-329.9	96.0	95.8	94.1	94.6	96.1
56.7									
2011	22399	-166.1	-212.4	-294.4	96.6	96.2	94.6	94.6	96.6
43.8									
2012	23083	-151.7	-199.2	-269.4	96.9	96.7	95.5	94.9	96.9
37.4									
2013	24065	-135.8	-180.4	-239.9	97.2	97.3	96.0	95.2	97.3
34.7									
2014	25505	-114.5	-157.5	-200.9	97.8	97.8	96.6	95.9	97.9
29.2									
2015	26749	-93.5	-126.5	-160.6	98.4	98.1	97.4	96.4	98.2
22.6									
2016	27104	-67.1	-89.6	-106.7	98.9	98.6	98.1	97.1	98.8
14.7									
2017	26581	-41.3	-53.3	-59.3	99.7	99.2	99.1	97.5	99.4
8.7									
2018	27017	-17.6	-19.3	-14.7	99.8	99.7	100.1	98.3	99.9
3.6									
2019	26660	9.5	25.9	38.3	100.1	100.1	100.9	99.0	100.3
1.6									
2020	27281	33.8	69.3	85.7	100.6	100.4	101.9	99.6	100.6
-5.6									
2021	25583	58.2	109.6	135.2	101.1	100.6	102.6	100.3	100.9
-8.2									
2022	7596	76.8	140.9	142.4	101.4	100.9	102.9	101.0	101.3
-2.1									

Tabel: 9 Zwartbont Holstein: Klauwgezondheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	31	91.6	94.0	97.1	95.4	90.7	94.4	94.1
1981	56	92.8	95.1	97.6	95.5	92.4	94.8	94.7

[Auteur]

1982	73	91.6	94.2	97.1	94.8	91.8	94.5	94.1
1983	69	92.9	94.4	98.2	97.2	92.1	95.3	93.3
1984	73	92.0	93.6	97.7	96.2	91.0	94.9	93.4
1985	102	92.6	93.9	98.1	96.8	91.1	95.3	93.6
1986	227	92.0	93.7	97.8	96.2	90.7	95.1	93.4
1987	202	92.3	94.0	98.0	96.2	91.0	95.2	93.4
1988	352	93.2	94.0	99.1	96.9	91.7	95.8	92.9
1989	486	92.9	94.0	98.7	97.0	91.4	95.5	92.9
1990	790	93.0	94.4	98.4	97.1	91.9	95.2	93.4
1991	1124	93.6	94.9	98.7	97.5	92.3	95.6	93.8
1992	1612	93.4	94.1	98.9	97.3	91.7	95.5	93.7
1993	1847	93.6	94.4	98.9	97.4	91.8	95.7	93.9
1994	2637	93.8	94.7	99.1	97.2	92.1	96.1	93.9
1995	3873	93.7	94.7	99.1	96.9	92.4	95.7	93.8
1996	4533	94.0	95.2	99.1	97.3	92.7	95.7	93.9
1997	5608	93.7	95.4	98.6	96.9	92.5	95.4	94.1
1998	9913	93.2	94.7	98.6	96.8	92.0	95.3	93.5
1999	10689	93.1	94.6	98.4	96.8	92.0	95.3	93.5
2000	11044	93.3	95.1	98.5	96.5	92.2	95.5	93.7
2001	11194	93.5	95.4	98.6	96.5	92.2	95.7	93.9
2002	11834	93.3	95.1	98.4	96.4	92.0	95.5	94.1
2003	12516	93.4	95.5	98.2	96.5	92.2	95.4	94.3
2004	12672	93.3	95.3	98.2	96.4	92.6	95.3	94.3
2005	11969	93.2	94.8	98.1	96.4	92.8	95.6	94.3
2006	12444	93.9	95.6	98.2	96.9	93.5	96.1	94.5
2007	11679	93.9	95.9	97.8	96.9	93.8	96.1	94.7
2008	12102	93.8	96.2	97.5	96.7	94.1	96.0	95.1
2009	12252	94.3	96.4	97.8	97.0	94.5	96.3	95.5
2010	12857	94.5	96.7	97.7	97.0	95.1	96.2	95.9
2011	13077	95.2	97.3	97.9	97.5	95.8	96.1	96.5
2012	13678	95.8	97.7	98.1	98.0	96.3	96.4	97.0
2013	14296	96.1	97.8	98.2	98.1	96.5	96.8	97.3
2014	15066	96.8	98.2	98.5	98.6	97.0	97.3	97.6
2015	15691	97.2	98.5	98.6	98.7	97.6	97.6	98.1
2016	15451	97.7	98.7	98.8	99.0	98.1	98.2	98.5
2017	15115	98.3	99.1	98.9	99.2	98.9	98.7	99.0
2018	14306	99.1	99.5	99.4	99.5	99.4	99.4	99.7
2019	13776	99.8	99.9	99.7	99.8	100.0	99.9	100.3
2020	13560	100.5	100.3	100.0	100.1	100.6	100.3	100.8
2021	11781	101.0	100.4	100.6	100.4	100.8	100.8	100.9
2022	1755	101.7	100.3	101.3	101.0	100.9	101.4	100.9

Tabel: 10 Zwartbont Holstein: Levensvatbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
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[Auteur]

1980	53	95.2	97.9	95.2	97.9	93.1	98.4
1981	91	95.5	98.0	95.5	98.0	93.4	97.9
1982	120	95.6	98.3	95.6	98.3	93.5	98.1
1983	139	96.2	98.3	96.2	98.3	93.9	98.4
1984	162	95.7	98.3	95.7	98.3	93.4	98.2
1985	254	95.9	98.2	95.9	98.2	93.8	98.4
1986	490	96.0	98.2	96.0	98.2	93.9	98.6
1987	561	95.8	98.1	95.8	98.1	93.7	98.3
1988	856	96.2	98.1	96.2	98.1	94.0	98.6
1989	1188	96.0	98.2	96.0	98.2	93.9	98.5
1990	1578	95.9	98.4	95.9	98.4	94.1	98.6
1991	2177	96.3	98.1	96.3	98.1	94.5	98.4
1992	2819	96.3	98.1	96.3	98.1	94.7	98.4
1993	3099	96.5	98.2	96.5	98.2	94.9	98.5
1994	3709	96.6	98.1	96.6	98.1	94.9	98.5
1995	4690	97.1	97.6	97.1	97.6	95.3	98.1
1996	5368	96.8	97.5	96.8	97.5	95.3	97.9
1997	6281	96.6	97.6	96.6	97.6	95.1	97.9
1998	7321	96.7	97.3	96.7	97.3	95.4	97.5
1999	8057	96.4	97.2	96.4	97.2	95.2	97.4
2000	9191	96.4	97.3	96.4	97.3	95.2	97.4
2001	10527	96.6	97.1	96.6	97.1	95.4	97.3
2002	12047	97.0	97.0	97.0	97.0	96.1	97.1
2003	13873	96.8	97.2	96.8	97.2	96.0	97.2
2004	16480	97.1	97.1	97.1	97.1	96.1	97.2
2005	17868	97.2	97.1	97.2	97.1	96.0	97.3
2006	21155	97.5	97.2	97.5	97.2	96.4	97.3
2007	20629	97.1	97.3	97.1	97.3	96.4	97.2
2008	28362	97.0	97.6	97.0	97.6	96.7	97.3
2009	28598	97.0	97.6	97.0	97.6	96.9	97.5
2010	28398	97.2	97.6	97.2	97.6	97.4	97.4
2011	28419	97.6	97.8	97.6	97.8	98.1	97.3
2012	29910	98.0	97.9	98.0	97.9	98.6	97.6
2013	31506	98.1	98.3	98.1	98.3	98.9	97.9
2014	34119	98.8	98.4	98.8	98.4	99.5	98.2
2015	35871	99.1	98.7	99.1	98.7	99.7	98.4
2016	36960	99.5	99.0	99.5	99.0	100.0	98.8
2017	36232	99.8	99.5	99.8	99.5	100.2	99.2
2018	37300	99.9	100.1	99.9	100.1	100.4	99.7
2019	37787	100.2	100.3	100.2	100.3	100.6	99.9
2020	39637	100.3	100.5	100.3	100.5	100.7	100.2
2021	39136	100.5	100.7	100.5	100.7	100.7	100.4
2022	36029	100.8	101.0	100.8	101.0	100.6	100.7
2023	34216	101.0	101.2	101.0	101.2	100.5	100.9
2024	13983	101.3	101.4	101.3	101.4	100.6	101.1

Tabel: 11 Zwartbont Holstein: Geboortekenmerken  
Basis: Melkdoel zwart

[Auteur]

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	137	95.0	104.8	103.8	94.5	97.2	99.5
1981	226	95.5	104.2	103.4	95.7	97.1	99.0
1982	252	94.8	105.2	103.9	95.2	96.7	99.3
1983	435	94.0	105.7	104.6	95.7	96.9	98.9
1984	591	94.2	105.7	104.4	95.7	97.0	99.1
1985	865	94.4	105.6	104.1	95.6	96.8	98.6
1986	1538	94.7	105.4	103.7	95.7	96.7	98.3
1987	1953	94.9	105.3	103.5	95.0	97.2	99.0
1988	3006	95.2	105.2	103.0	94.2	97.1	99.5
1989	4124	95.5	105.4	102.9	94.4	97.2	99.3
1990	5089	95.7	105.0	102.7	94.3	97.0	99.3
1991	5888	95.8	104.8	102.6	94.0	97.6	99.8
1992	6984	95.6	104.7	102.8	94.2	97.5	100.0
1993	7044	95.4	104.8	103.0	94.3	97.3	100.1
1994	7264	95.1	104.9	103.4	94.4	97.3	100.1
1995	7769	94.9	104.5	103.6	94.2	97.0	99.8
1996	7903	95.7	104.4	103.0	94.2	96.6	99.5
1997	8423	95.3	104.7	103.3	94.3	96.7	99.6
1998	8750	95.2	104.6	103.6	94.5	96.7	99.5
1999	8648	94.9	104.3	103.8	94.4	96.8	99.5
2000	9302	94.9	104.3	103.8	94.6	96.9	99.6
2001	9826	94.9	104.3	103.9	94.8	96.9	99.5
2002	10230	95.1	103.9	103.8	95.0	96.5	99.2
2003	11038	95.0	103.8	103.9	95.2	96.7	99.0
2004	11996	95.2	103.8	103.8	95.3	96.4	99.2
2005	11960	95.1	103.4	103.9	95.6	96.7	99.3
2006	13253	95.5	103.2	103.6	96.1	96.7	99.2
2007	14298	95.5	102.7	103.5	96.5	96.6	99.3
2008	14901	95.4	102.6	103.7	96.8	96.8	99.4
2009	18407	95.4	102.6	103.7	96.9	96.9	99.3
2010	19362	95.8	102.5	103.5	97.1	97.0	99.3
2011	20270	96.3	102.2	102.9	97.6	97.2	99.1
2012	21066	96.7	102.2	102.6	98.0	97.8	99.2
2013	22021	96.9	102.1	102.4	98.3	98.2	99.3
2014	23551	97.1	101.9	102.3	98.6	98.6	99.3
2015	24667	97.2	101.8	102.3	99.1	98.8	99.2
2016	24816	97.5	101.6	102.2	99.6	99.0	99.3
2017	24164	97.8	101.1	102.0	100.2	99.6	99.4
2018	22964	98.2	100.8	101.6	100.5	100.1	99.5
2019	22154	98.4	100.4	101.4	100.7	100.5	99.7
2020	21663	98.7	100.1	101.2	101.1	100.8	99.6
2021	19564	98.9	100.0	101.0	101.3	101.1	99.6
2022	11911	99.0	100.0	101.1	101.5	101.3	99.9
2023	9162	99.0	99.9	101.2	101.5	101.3	100.2
2024	3519	99.1	99.7	101.1	101.7	101.3	100.1

[Auteur]



Tabel: 12 Zwartbont Holstein: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	65	102.6	106.0	97.8	100.7	103.9	98.4	102.6	99.0	104.4
99.6	101.0									
1981	99	102.3	105.8	97.8	100.9	103.4	98.6	102.3	99.0	104.0
99.7	101.2									
1982	131	102.2	105.2	97.9	100.0	103.5	97.8	102.3	99.0	104.0
99.2	100.3									
1983	159	102.9	106.8	96.8	100.5	105.0	97.4	102.8	98.7	105.5
98.7	101.1									
1984	220	103.1	107.7	97.0	101.1	105.3	97.7	102.9	98.3	105.9
99.1	101.5									
1985	323	103.3	108.0	96.8	101.2	105.7	97.6	103.1	98.3	106.1
99.0	101.8									
1986	629	103.1	107.1	97.4	101.2	105.1	98.0	102.9	98.9	105.6
99.2	101.8									
1987	746	103.1	107.7	97.1	101.2	105.1	97.8	102.8	98.8	105.7
99.0	101.6									
1988	1156	102.9	107.1	97.4	100.9	105.0	97.8	102.6	99.0	105.5
98.9	101.4									
1989	1619	102.6	106.5	97.7	100.7	104.5	98.0	102.4	98.9	104.9
99.1	101.2									
1990	2139	102.4	105.8	98.0	100.1	104.3	97.9	102.3	98.9	104.5
99.2	100.7									
1991	2979	102.5	105.6	98.3	100.3	104.2	98.0	102.5	99.0	104.4
99.4	100.8									
1992	3792	102.2	105.0	98.8	100.2	103.5	98.5	102.1	99.1	103.8
99.8	100.8									
1993	4193	102.3	104.9	99.0	100.4	103.4	98.8	102.3	99.1	103.8
99.9	101.0									
1994	5232	102.1	104.2	99.3	100.2	102.9	98.9	102.0	99.5	103.3
99.9	100.9									
1995	6517	101.8	103.7	99.5	100.0	102.6	99.1	101.6	99.7	103.1
99.8	100.9									
1996	7486	101.3	102.9	99.8	99.7	102.1	99.0	101.4	99.3	102.5
99.8	100.5									
1997	8852	101.3	102.5	99.8	99.5	102.0	98.8	101.5	99.3	102.2
99.8	100.3									
1998	10378	101.4	102.0	100.1	99.5	101.8	98.9	101.4	99.6	102.0
99.9	100.3									

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1999	11601	101.0	102.1	99.9	99.6	101.5	99.1	101.0	99.6	101.9
	99.8	100.3								
2000	13866	100.9	101.7	100.4	99.6	101.4	99.3	101.0	99.4	101.7
	100.1	100.4								
2001	17487	100.9	101.1	100.6	99.4	101.1	99.4	101.1	99.5	101.2
	100.2	100.2								
2002	18823	100.6	100.5	100.7	99.3	100.7	99.4	100.9	99.4	100.6
	100.2	100.1								
2003	20110	100.3	100.2	100.7	99.4	100.1	99.7	100.7	99.4	100.3
	100.3	100.2								
2004	20880	100.5	100.2	100.6	99.4	100.2	99.7	100.8	99.7	100.3
	100.1	100.1								
2005	20346	100.3	100.1	100.6	99.6	99.8	100.1	100.6	99.8	100.1
	100.4	100.1								
2006	21446	100.0	100.0	100.6	99.9	99.6	100.4	100.2	99.8	99.9
	100.6	99.9								
2007	20941	99.9	99.7	100.6	100.0	99.5	100.3	100.2	99.6	99.6
	100.6	99.8								
2008	22725	99.8	99.6	100.5	99.9	99.4	100.3	100.2	99.4	99.6
	100.6	99.8								
2009	22452	99.7	99.6	100.4	99.9	99.3	100.4	100.1	99.4	99.5
	100.7	99.8								
2010	22392	99.8	99.6	100.2	99.8	99.4	100.1	100.3	99.4	99.5
	100.5	99.8								
2011	22148	100.1	99.7	100.0	100.1	99.6	99.7	100.8	99.0	99.5
	100.2	99.9								
2012	22722	100.0	99.3	100.2	100.0	99.5	99.6	100.9	98.8	99.1
	100.5	99.6								
2013	23001	99.8	98.8	100.4	99.8	99.2	99.7	101.0	98.6	98.7
	100.7	99.3								
2014	22860	99.8	98.5	100.7	99.7	99.2	99.7	101.1	98.3	98.4
	100.9	99.3								
2015	21999	100.0	98.3	100.8	99.6	99.3	99.6	101.4	98.2	98.3
	101.0	99.4								
2016	19636	100.1	98.0	100.8	99.5	99.2	99.5	101.6	98.2	98.1
	100.9	99.5								
2017	16944	100.3	97.7	100.8	99.6	99.1	99.5	101.9	98.3	98.0
	101.1	99.7								
2018	14863	100.5	97.3	100.9	99.6	99.0	99.3	102.2	98.4	97.7
	101.0	99.8								
2019	13671	100.4	96.9	101.2	99.4	98.8	99.3	102.2	98.4	97.4
	101.0	99.8								
2020	13440	100.8	97.0	101.5	99.6	99.0	99.3	102.5	98.5	97.5
	101.1	100.2								
2021	11730	100.9	96.9	101.8	99.7	98.9	99.3	102.7	98.4	97.3
	101.1	100.4								
2022	1702	100.9	96.7	101.8	99.6	98.8	99.3	102.8	98.4	97.1
	101.0	100.4								

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Tabel: 13 Zwartbont Holstein: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	50	97.9	100.1	97.3
1981	84	98.2	100.1	97.6
1982	104	98.7	100.6	97.9
1983	109	98.5	100.4	97.9
1984	106	97.9	100.0	97.3
1985	149	98.0	100.1	97.3
1986	314	97.7	100.0	97.2
1987	298	97.7	99.9	97.2
1988	426	98.3	100.2	98.0
1989	583	98.0	100.1	97.6
1990	715	98.4	100.3	97.8
1991	994	98.6	100.5	98.0
1992	1184	98.8	100.6	98.3
1993	1208	98.8	100.8	98.1
1994	1365	99.1	100.9	98.5
1995	1782	99.3	100.9	98.6
1996	2106	99.3	100.9	98.6
1997	2444	99.1	100.5	98.5
1998	2652	99.4	100.6	99.0
1999	2783	99.4	100.7	98.9
2000	3175	99.2	100.5	99.0
2001	3446	99.5	100.6	99.1
2002	3508	99.4	100.5	99.0
2003	3598	99.5	100.5	99.0
2004	4294	99.7	100.7	99.4
2005	4330	99.7	100.7	99.4
2006	4759	99.3	100.3	99.2
2007	4509	99.0	99.9	99.2
2008	5079	98.9	99.9	99.2
2009	5251	99.1	100.0	99.2
2010	5113	99.0	100.0	99.1
2011	5105	99.0	100.1	99.2
2012	5136	99.0	100.0	99.2
2013	5590	99.2	100.3	99.2
2014	6311	99.2	100.1	99.2
2015	6431	99.4	100.2	99.4
2016	6017	99.7	100.2	99.6
2017	5454	100.0	100.5	99.7
2018	3878	99.9	100.3	99.8
2019	2941	100.0	100.0	99.9
2020	2341	100.1	100.1	100.0
2021	1465	100.2	100.1	100.2

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2022	546	100.4	100.0	100.4
2023	113	100.4	100.2	100.2

Tabel: 14 Zwartbont Holstein: Levensproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21900	-4583.0	-15613.5	-700.7	-576.9
2002	22460	-4517.4	-15323.5	-692.0	-567.7
2003	22665	-4501.3	-15245.5	-688.6	-566.4
2004	23046	-4361.5	-14755.5	-669.4	-547.3
2005	22286	-4324.6	-14604.0	-664.9	-541.8
2006	23149	-4114.0	-13784.9	-635.7	-513.2
2007	22328	-3967.3	-13218.3	-615.7	-493.0
2008	23923	-3840.2	-12740.4	-597.5	-476.2
2009	23219	-3619.1	-11944.8	-563.2	-448.7
2010	23014	-3476.4	-11473.6	-541.1	-431.0
2011	23053	-3200.3	-10474.1	-499.1	-396.0
2012	24015	-2997.5	-9791.0	-468.7	-370.1
2013	24949	-2745.9	-8902.4	-429.4	-339.0
2014	26582	-2415.1	-7676.5	-378.2	-297.8
2015	27822	-2047.3	-6382.9	-320.2	-252.7
2016	28039	-1555.8	-4679.3	-245.3	-190.7
2017	27498	-1098.1	-3134.2	-173.6	-134.2
2018	27833	-658.5	-1531.2	-108.6	-77.3
2019	27549	-99.6	170.2	-19.8	-9.4
2020	28195	416.4	1884.6	63.0	52.9
2021	26234	946.7	3532.7	148.8	116.4
2022	6074	1091.0	3986.6	173.3	132.8

Tabel: 15 Zwartbont Holstein: Robot / AMS kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1980	43	97.3	88.0	102.0	91.5
1981	62	98.0	87.8	102.0	91.8
1982	81	97.8	88.1	101.8	91.6
1983	85	96.1	87.7	102.5	90.6
1984	88	96.8	87.4	102.6	91.4
1985	111	96.9	88.2	102.4	91.6
1986	245	96.7	88.0	102.6	91.5
1987	222	97.4	87.5	102.2	91.7

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1988	336	97.0	87.5	102.3	91.2
1989	460	96.9	88.3	102.6	91.9
1990	595	97.1	88.5	102.5	92.1
1991	786	97.1	88.4	101.9	91.4
1992	982	97.2	88.2	101.5	90.9
1993	955	97.1	88.5	101.7	91.3
1994	1183	97.0	88.5	101.7	91.1
1995	1540	96.9	88.5	101.2	90.5
1996	1752	97.0	89.1	101.5	91.1
1997	2072	97.0	89.1	101.8	91.5
1998	2268	97.0	89.4	101.8	91.6
1999	2311	97.0	89.5	101.7	91.5
2000	2685	97.0	90.4	101.2	91.7
2001	2905	97.0	90.7	101.0	91.5
2002	3111	97.0	90.8	101.1	91.7
2003	3419	97.2	90.6	100.9	91.5
2004	3853	97.4	91.1	100.5	91.8
2005	3920	97.3	91.5	100.8	92.1
2006	4435	97.5	92.1	100.6	92.5
2007	4370	97.6	92.4	100.5	92.6
2008	4957	97.6	92.7	100.4	92.8
2009	5622	97.8	93.2	100.3	93.2
2010	6542	98.2	93.6	99.9	93.6
2011	6936	98.4	94.3	99.6	94.1
2012	7708	98.7	94.8	99.7	94.7
2013	8584	99.0	95.3	99.7	95.5
2014	9740	98.9	96.3	99.8	96.1
2015	10636	98.9	97.3	99.7	96.8
2016	10807	98.9	98.3	99.8	97.6
2017	10913	99.1	99.1	99.8	98.5
2018	10725	99.7	99.8	99.6	99.2
2019	10235	100.1	100.4	99.8	100.2
2020	11053	99.7	100.3	99.7	99.8
2021	10719	99.3	99.7	99.8	99.4
2022	3823	99.2	99.2	99.7	99.0

Tabel: 16 Zwartbont Holstein: Overige productie en efficiency kenm.  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	385	95.8	97.3	0	0.0	0.0	0	0.0
1981	528	95.0	97.0	0	0.0	0.0	0	0.0
1982	615	95.4	97.8	0	0.0	0.0	0	0.0
1983	809	95.2	98.1	0	0.0	0.0	0	0.0
1984	949	95.1	98.1	0	0.0	0.0	0	0.0
1985	1314	95.3	98.5	767	-6.5	234.6	0	0.0

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1986	2296	95.1	98.4	1224	-6.1	219.1	0	0.0
1987	3322	94.8	98.1	1534	-6.0	214.4	0	0.0
1988	4707	94.9	97.9	2252	-5.6	200.4	0	0.0
1989	6255	94.9	98.0	3562	-5.5	190.4	0	0.0
1990	7812	95.3	98.1	4471	-5.2	183.8	0	0.0
1991	9766	95.2	97.9	5686	-5.0	179.1	0	0.0
1992	11560	95.3	98.1	6936	-4.8	166.7	0	0.0
1993	12863	95.3	98.1	7504	-4.6	160.5	0	0.0
1994	14997	95.5	98.0	8875	-4.4	155.8	0	0.0
1995	16935	95.4	97.8	10108	-4.2	148.6	0	0.0
1996	17828	96.0	97.8	11056	-4.0	144.0	0	0.0
1997	19184	96.0	97.7	11701	-3.8	136.6	0	0.0
1998	20326	96.2	97.5	12768	-3.6	128.4	0	0.0
1999	20662	96.1	97.3	12722	-3.4	123.6	0	0.0
2000	21386	96.5	97.1	13160	-3.2	116.3	0	0.0
2001	21914	96.8	97.2	13501	-3.2	113.9	13472	92.8
2002	22482	96.8	97.0	13729	-3.0	108.8	13698	93.0
2003	22705	96.7	96.9	13821	-2.9	99.1	13790	93.5
2004	23051	96.9	97.0	13815	-2.7	95.0	13763	93.7
2005	22260	96.9	97.0	12955	-2.5	86.4	12891	94.3
2006	23136	97.1	97.2	13445	-2.3	77.1	13339	95.0
2007	22243	97.3	97.2	12576	-2.2	70.2	12455	95.5
2008	23795	97.5	97.3	13027	-2.1	65.4	12891	95.9
2009	22890	97.6	97.5	13169	-1.9	62.6	13000	96.1
2010	22395	97.7	97.6	13911	-1.8	56.7	13641	96.5
2011	22399	98.0	97.9	14089	-1.5	43.8	13778	97.5
2012	23083	98.2	98.4	14695	-1.4	37.4	14321	98.0
2013	24065	98.4	98.4	15412	-1.3	34.7	14929	98.1
2014	25505	98.6	98.5	16299	-1.0	29.2	15528	98.4
2015	26749	98.9	98.6	17327	-0.8	22.6	16043	98.8
2016	27104	99.3	98.8	17807	-0.5	14.7	15745	99.3
2017	26581	99.8	99.0	18312	-0.2	8.7	15364	99.8
2018	27017	100.2	99.2	18846	-0.0	3.6	14556	100.2
2019	26660	100.6	99.8	19521	0.3	1.6	14008	100.5
2020	27281	101.4	100.3	20140	0.6	-5.6	13892	101.2
2021	25583	101.9	100.7	19337	0.9	-8.2	12315	101.8
2022	7596	102.1	100.6	14904	1.1	-2.1	1853	101.9
2023	0	0.0	0.0	13873	1.3	3.8	0	0.0
2024	0	0.0	0.0	5352	1.5	5.2	0	0.0

Tabel: 17 Zwartbont Holstein: Stofwisselingsaandoeningen  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	49	98.7	19	97.7	18	97.5	49	95.0
1981	84	98.2	43	97.6	42	97.5	84	95.1

[Auteur]

1982	108	98.1	54	97.1	46	96.7	108	94.9
1983	121	98.8	37	97.2	33	96.8	121	95.4
1984	128	98.9	40	97.6	38	97.1	128	95.4
1985	200	99.2	58	98.4	54	97.4	200	95.7
1986	383	98.9	162	99.3	152	96.7	383	95.2
1987	416	99.2	119	98.7	108	97.0	416	95.5
1988	634	99.4	159	98.1	145	99.1	634	95.7
1989	886	99.3	212	98.3	188	97.9	886	95.6
1990	1167	99.0	282	98.2	266	96.7	1167	95.4
1991	1592	99.0	458	98.6	442	97.3	1592	95.2
1992	2039	99.1	515	98.8	484	96.5	2039	94.9
1993	2193	99.4	403	99.0	370	96.8	2193	95.2
1994	2634	99.2	522	98.6	482	97.4	2634	95.1
1995	3279	98.9	773	97.8	713	97.2	3279	94.8
1996	3719	98.6	957	98.1	927	97.1	3719	94.6
1997	4358	98.1	1153	97.5	1114	96.5	4358	94.4
1998	4907	98.1	1271	97.9	1237	97.0	4907	94.4
1999	5335	98.1	1217	98.0	1161	96.8	5335	94.1
2000	5937	97.9	1439	97.6	1380	97.0	5937	93.8
2001	6676	98.0	1523	97.8	1469	96.8	6676	93.8
2002	7506	98.1	1580	97.9	1518	96.6	7506	93.7
2003	8575	97.7	1780	97.6	1716	96.4	8575	93.5
2004	9943	98.0	2079	98.4	2004	97.1	9943	93.8
2005	10621	98.0	2152	98.5	2108	96.9	10621	93.9
2006	12440	98.1	2463	98.7	2407	96.7	12440	94.2
2007	13440	98.3	2419	98.8	2394	97.0	13440	94.5
2008	16177	98.5	2701	99.1	2665	96.9	16177	94.8
2009	18407	98.5	2907	99.2	2889	96.9	18407	95.3
2010	21265	98.6	3376	99.3	3369	97.1	21265	95.5
2011	21578	99.2	3465	99.9	3453	97.9	21578	96.5
2012	22511	99.5	3852	100.1	3828	98.0	22511	97.0
2013	23437	99.7	4334	100.3	4308	98.3	23437	97.6
2014	24658	99.8	4890	100.5	4846	98.1	24658	97.9
2015	25765	99.9	4950	100.6	4909	98.3	25765	98.2
2016	26254	100.1	4504	100.5	4461	98.8	26254	98.6
2017	25769	100.2	3910	100.5	3880	99.0	25769	99.2
2018	26220	100.1	2750	100.0	2746	99.5	26220	99.6
2019	25836	100.2	1784	100.1	1828	99.9	25836	100.0
2020	26078	100.3	1393	100.3	1436	100.1	26078	100.5
2021	23244	100.3	746	100.5	822	100.1	23244	101.0
2022	7025	100.3	199	100.3	221	100.4	7025	100.9

Tabel: 18 Zwartbont Holstein: Reproductiestoornissen  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
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[Auteur]

1980	32	97.2	98.2	97.3	98.6	96.7	95.2
1981	56	97.2	98.3	97.4	98.5	96.2	95.2
1982	71	97.1	98.3	97.1	98.4	96.3	94.8
1983	71	97.4	98.3	97.5	98.5	96.6	95.6
1984	65	97.0	97.8	97.3	98.2	96.4	95.4
1985	85	97.4	98.0	97.6	98.4	96.8	95.7
1986	193	98.1	99.2	97.9	98.6	97.7	96.9
1987	155	97.7	98.9	97.8	98.5	97.3	96.4
1988	224	97.0	97.2	97.3	98.5	96.2	95.3
1989	297	97.4	98.1	97.6	98.7	96.6	95.7
1990	405	97.9	99.0	97.8	98.9	97.0	95.9
1991	565	98.1	99.1	97.7	99.4	96.9	96.5
1992	692	97.6	98.3	97.6	98.9	97.2	96.1
1993	633	97.7	98.3	97.5	98.9	97.2	96.2
1994	793	97.5	98.1	97.2	99.1	96.8	95.5
1995	1046	97.2	98.0	96.9	98.9	96.2	95.2
1996	1233	97.5	98.4	97.1	99.0	96.7	95.4
1997	1403	97.9	99.1	97.4	99.1	96.8	96.0
1998	1533	98.2	99.3	97.6	99.5	97.0	96.2
1999	1544	98.2	99.1	97.7	99.3	97.0	96.3
2000	1814	97.7	98.4	97.3	99.0	97.2	96.0
2001	1933	97.9	98.6	97.5	99.2	96.8	96.0
2002	2058	97.8	98.5	97.3	99.2	96.8	96.0
2003	2235	97.9	98.9	97.4	99.2	96.7	96.0
2004	2581	98.5	99.4	98.0	99.5	97.3	96.8
2005	2564	98.8	99.8	98.3	99.7	97.7	97.1
2006	2874	99.4	100.2	98.9	100.2	98.2	97.8
2007	2803	99.5	100.3	99.2	100.2	98.3	98.0
2008	3064	99.8	100.5	99.6	100.5	98.5	98.3
2009	3253	99.7	100.4	99.5	100.4	98.4	98.3
2010	3748	99.6	100.2	99.5	100.2	98.5	98.4
2011	3780	99.7	100.2	99.8	100.0	99.0	98.9
2012	4117	99.7	100.2	99.8	99.8	99.2	99.0
2013	4662	99.7	100.1	99.6	99.8	99.5	99.1
2014	5225	99.7	99.9	99.7	99.8	99.8	99.2
2015	5333	99.6	99.8	99.7	99.6	99.9	99.5
2016	4893	99.7	99.7	99.9	99.6	99.9	99.5
2017	4361	99.7	99.5	99.8	99.7	99.9	99.7
2018	3204	99.8	99.6	100.0	99.9	100.0	99.9
2019	2328	100.1	99.6	100.3	100.2	100.4	100.1
2020	1878	100.1	99.6	100.3	100.2	100.4	100.2
2021	1067	100.1	99.5	100.3	100.1	100.4	100.2
2022	260	99.8	99.2	100.0	99.9	100.3	100.1

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Tabel: 19 Red-Holstein: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

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[Auteur]



Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	20	-2298.9	-92.0	-91.5	-103.8	19.4	-14.4	1.6	-669.6
1985	34	-2416.9	-97.3	-94.9	-109.0	19.4	-13.4	1.7	-699.9
1986	43	-2270.3	-91.1	-91.5	-102.4	19.3	-15.8	1.7	-666.9
1987	99	-2360.2	-91.7	-92.1	-106.5	24.6	-12.0	1.7	-671.2
1988	204	-2365.6	-90.4	-92.4	-106.8	28.1	-11.8	1.6	-668.5
1989	381	-2315.6	-89.9	-89.8	-104.5	24.7	-10.4	1.6	-656.0
1990	532	-2295.8	-89.8	-89.3	-103.6	23.8	-10.5	1.7	-653.7
1991	763	-2125.0	-84.9	-84.4	-95.7	18.5	-12.4	1.7	-617.7
1992	1165	-2067.2	-84.1	-82.5	-93.1	15.2	-12.8	1.6	-607.4
1993	1636	-2017.9	-83.9	-81.5	-90.9	11.8	-13.9	1.6	-602.1
1994	2142	-1918.7	-74.9	-75.9	-86.3	18.7	-10.5	1.6	-551.1
1995	2896	-1867.7	-72.8	-73.7	-84.0	18.3	-9.8	1.6	-535.4
1996	3331	-1757.6	-67.5	-70.6	-79.0	18.5	-11.0	1.6	-506.1
1997	4077	-1651.6	-65.8	-67.3	-74.1	13.8	-11.6	1.6	-486.8
1998	5144	-1603.2	-62.8	-64.6	-71.9	14.7	-10.1	1.6	-466.1
1999	5241	-1546.8	-60.8	-62.0	-69.3	13.7	-9.1	1.6	-449.2
2000	5920	-1398.1	-56.9	-57.4	-62.6	9.4	-10.0	1.6	-417.7
2001	6361	-1289.1	-54.8	-54.3	-57.7	5.5	-11.0	1.4	-397.9
2002	6429	-1157.1	-50.8	-50.1	-52.4	2.6	-11.6	0.4	-368.0
2003	6501	-1074.2	-47.8	-47.1	-51.6	1.4	-11.5	-3.7	-346.3
2004	6654	-965.3	-42.9	-43.3	-46.7	1.6	-11.3	-3.7	-315.2
2005	6631	-805.2	-40.5	-38.7	-39.6	-4.7	-12.5	-4.0	-287.7
2006	6621	-697.8	-39.3	-35.3	-33.5	-9.3	-12.9	-2.3	-269.5
2007	6632	-702.2	-36.8	-33.9	-33.9	-5.9	-10.9	-2.6	-256.1
2008	7116	-655.1	-34.7	-31.0	-31.4	-5.8	-9.2	-2.1	-237.3
2009	6953	-653.4	-36.5	-31.1	-30.3	-8.6	-9.5	-0.7	-243.3
2010	6861	-598.6	-34.2	-28.2	-27.8	-8.6	-8.2	-0.7	-223.6
2011	6383	-499.8	-29.1	-24.1	-23.1	-7.7	-7.4	-0.5	-191.0
2012	6143	-457.8	-27.2	-22.0	-20.8	-7.5	-6.6	0.1	-176.4
2013	6100	-410.9	-24.5	-19.6	-18.6	-6.6	-5.6	0.2	-157.9
2014	5992	-361.2	-22.3	-17.4	-16.3	-6.5	-4.9	0.2	-141.6
2015	5789	-316.9	-19.6	-14.7	-13.7	-5.5	-3.5	1.0	-122.4
2016	5560	-225.5	-16.9	-11.5	-9.2	-7.0	-3.5	1.3	-100.3
2017	5029	-133.2	-13.5	-7.9	-4.7	-7.7	-3.1	1.6	-74.6
2018	4744	9.1	-7.2	-2.8	1.9	-7.9	-3.0	1.7	-33.6
2019	4652	83.4	0.4	1.5	5.1	-2.6	-1.1	1.6	7.6
2020	4524	214.1	7.8	6.5	11.6	-0.6	-0.5	2.2	51.6
2021	4065	388.4	18.4	12.9	20.5	2.5	-0.5	3.2	110.6
2022	1037	493.1	23.0	16.4	25.2	2.3	-0.8	3.1	139.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 20 Red-Holstein: Exterieurkenmerken bouw  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
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[Auteur]

1984	14	89.3	95.2	92.1	90.1	101.9	93.9	95.3
1985	23	88.7	91.6	89.8	89.1	100.6	95.8	94.6
1986	25	89.3	92.3	91.1	90.1	100.3	95.9	95.3
1987	58	89.4	93.8	91.8	90.8	100.7	95.4	95.3
1988	112	89.6	94.1	92.0	90.6	101.3	95.2	95.9
1989	225	89.3	94.1	91.6	90.6	101.0	95.8	96.2
1990	333	89.0	94.1	91.6	90.5	101.1	95.6	95.4
1991	475	90.0	94.5	92.4	91.2	100.5	95.3	96.1
1992	744	90.7	94.4	92.4	91.0	100.6	95.7	96.9
1993	1054	91.4	94.9	93.2	91.6	100.7	95.4	97.5
1994	1318	91.5	95.6	94.4	92.4	100.9	95.8	97.9
1995	1805	91.3	96.0	94.9	92.8	100.5	96.1	97.7
1996	2077	92.0	96.1	96.1	94.0	100.2	95.6	98.3
1997	2550	92.4	96.4	96.4	94.2	100.3	96.4	97.9
1998	3176	92.9	97.2	97.2	94.8	100.4	96.4	97.8
1999	3126	93.4	97.3	97.2	94.9	100.3	96.2	98.0
2000	3667	94.3	97.0	96.7	94.5	100.5	97.1	97.9
2001	3959	94.7	97.6	97.4	95.0	100.3	97.0	98.5
2002	3918	95.4	97.7	98.0	95.9	99.6	97.4	98.8
2003	3907	96.0	97.8	98.3	96.4	99.5	98.0	98.5
2004	3989	96.0	98.0	98.6	96.7	99.1	98.2	98.7
2005	3891	96.1	98.1	98.8	96.9	98.7	98.7	99.3
2006	3858	96.6	98.4	99.1	97.2	99.0	99.0	99.5
2007	3816	96.8	98.3	99.1	97.3	98.9	99.4	99.0
2008	4083	97.1	98.2	98.9	97.1	99.1	99.4	98.9
2009	4117	97.7	98.8	99.3	97.0	99.7	99.8	99.0
2010	4214	98.1	98.6	99.3	97.3	99.3	100.0	99.4
2011	3985	98.1	98.6	99.4	97.4	99.3	100.1	99.3
2012	3898	98.1	98.6	99.2	97.2	99.4	100.3	99.3
2013	3930	98.3	98.7	99.5	97.7	99.3	99.8	99.3
2014	3663	98.8	99.1	99.8	98.3	99.4	99.6	99.3
2015	3593	99.4	99.0	100.2	98.5	99.4	100.0	99.4
2016	3320	100.2	99.2	100.7	99.3	99.4	100.4	99.6
2017	3052	100.4	100.0	100.5	99.3	100.3	100.5	100.0
2018	2753	101.0	100.2	101.0	100.0	100.2	100.1	100.1
2019	2619	101.3	100.5	101.0	100.5	100.1	99.9	100.2
2020	2470	101.6	100.7	101.2	100.8	100.2	99.7	100.3
2021	2105	102.2	101.9	101.8	101.6	100.6	99.6	100.8
2022	317	102.8	102.2	102.2	102.2	100.5	99.9	101.1

Tabel: 21 Red-Holstein: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1984	14	89.6	103.7	95.9	92.6	88.5

[Auteur]

1985	23	89.5	104.0	95.0	92.2	89.2
1986	25	89.6	104.4	94.9	92.3	89.0
1987	58	89.5	104.3	94.8	92.4	88.7
1988	112	90.2	104.0	94.8	92.4	89.5
1989	225	90.8	104.4	94.5	92.9	90.1
1990	333	91.0	104.2	94.7	92.9	90.1
1991	475	90.7	104.9	94.3	92.8	89.8
1992	744	91.1	104.0	95.1	92.5	90.1
1993	1054	91.7	103.9	95.2	92.9	90.7
1994	1318	90.4	104.2	94.4	92.7	90.0
1995	1805	90.9	104.7	94.3	93.2	90.2
1996	2077	92.1	105.3	94.3	93.7	91.3
1997	2550	92.4	105.7	94.0	93.9	91.7
1998	3176	92.8	106.2	93.6	94.2	92.2
1999	3126	93.2	105.6	93.9	94.3	92.4
2000	3667	93.7	104.9	95.4	95.1	93.1
2001	3959	93.9	105.0	95.5	95.2	93.1
2002	3918	93.6	104.7	95.4	95.2	93.1
2003	3907	93.6	104.5	95.5	95.4	93.3
2004	3989	93.7	105.0	95.2	95.4	93.4
2005	3891	93.8	105.1	94.7	95.6	93.8
2006	3858	94.2	104.4	95.3	96.1	94.3
2007	3816	94.4	103.8	95.8	96.3	94.6
2008	4083	94.2	103.2	96.4	96.2	94.6
2009	4117	94.8	102.8	96.9	96.8	95.3
2010	4214	95.4	102.2	97.6	97.0	95.9
2011	3985	96.4	102.1	97.8	97.3	97.0
2012	3898	96.7	102.0	98.0	97.6	97.4
2013	3930	96.9	101.8	98.2	97.8	97.6
2014	3663	97.2	101.6	98.4	98.0	97.9
2015	3593	97.4	101.3	98.7	98.1	98.1
2016	3320	97.7	101.0	99.0	98.3	98.4
2017	3052	98.2	100.5	99.7	99.0	98.8
2018	2753	98.8	100.2	100.1	99.3	99.3
2019	2619	99.3	100.1	100.4	99.8	99.9
2020	2470	100.2	100.2	100.4	100.3	100.8
2021	2105	101.3	99.8	100.9	101.4	102.0
2022	317	102.3	99.9	101.2	101.5	103.0

Tabel: 22 Red-Holstein: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1984	14	90.3	89.4	101.5	93.1	89.2	92.7	91.1
95.5								

[Auteur]

1985 94.0	23	91.4	89.5	100.6	93.5	88.6	92.6	90.8
1986 93.9	25	91.8	90.0	100.3	93.1	89.2	92.8	91.4
1987 94.7	58	91.1	89.5	100.9	93.2	89.4	91.8	90.4
1988 95.3	112	90.7	89.8	101.4	93.0	89.1	92.2	90.9
1989 95.3	225	90.4	90.2	101.8	92.4	89.1	92.3	91.1
1990 95.3	333	90.0	89.7	101.9	92.2	89.1	91.8	90.6
1991 95.0	475	90.4	89.7	101.6	92.6	89.4	92.0	90.7
1992 95.0	744	91.0	89.7	100.9	93.2	89.6	91.8	90.8
1993 95.4	1054	91.2	90.3	100.9	93.3	89.9	92.1	91.2
1994 93.9	1318	90.8	91.0	99.9	92.1	89.0	92.3	91.7
1995 94.0	1805	90.5	91.0	100.6	91.7	88.9	92.7	91.8
1996 95.2	2077	90.6	91.5	100.8	91.7	90.0	93.4	92.3
1997 94.9	2550	90.6	91.5	100.2	91.6	90.2	93.5	92.1
1998 95.4	3176	90.5	92.2	100.2	91.3	90.9	94.1	92.8
1999 95.8	3126	90.6	92.7	100.3	91.8	91.6	94.9	93.6
2000 95.9	3667	91.7	93.1	100.1	93.3	91.8	95.4	94.2
2001 95.9	3959	91.9	93.0	100.5	93.2	92.0	95.5	94.4
2002 96.0	3918	92.1	93.4	100.5	93.3	92.4	95.9	94.8
2003 96.3	3907	92.6	93.9	100.1	93.7	92.8	96.1	95.0
2004 96.5	3989	92.3	94.2	100.4	93.2	93.2	96.6	95.7
2005 96.6	3891	92.1	94.6	101.2	92.9	93.5	96.9	96.3
2006 96.7	3858	92.7	95.0	100.9	93.5	93.9	97.0	96.7
2007 96.7	3816	93.1	95.6	100.4	94.0	94.1	97.2	97.0
2008 96.9	4083	93.4	95.8	100.1	94.4	94.4	97.5	97.2
2009 96.7	4117	93.7	96.0	100.1	95.0	94.6	97.7	97.3

[Auteur]

2010	4214	94.2	96.7	99.7	95.4	95.3	98.1	98.0
96.9								
2011	3985	94.4	97.1	99.5	95.5	95.5	98.3	98.3
96.7								
2012	3898	94.8	97.0	99.5	96.0	95.9	98.7	98.4
96.9								
2013	3930	95.8	97.5	99.7	96.6	96.4	98.9	98.7
97.1								
2014	3663	96.4	97.8	99.9	97.2	96.8	98.9	98.7
97.5								
2015	3593	97.0	98.4	99.8	98.1	97.4	99.5	99.2
98.1								
2016	3320	97.6	98.9	99.4	98.8	97.7	100.0	99.5
98.2								
2017	3052	98.5	99.3	99.7	99.6	98.3	100.1	99.6
98.4								
2018	2753	99.9	100.1	99.6	100.6	99.8	100.6	99.9
99.2								
2019	2619	100.2	100.3	99.7	101.0	100.3	100.5	100.2
99.7								
2020	2470	100.8	100.4	99.9	101.5	101.0	100.7	100.2
100.4								
2021	2105	101.8	100.5	100.2	102.3	101.8	101.0	100.5
100.8								
2022	317	102.2	100.7	100.3	103.0	102.4	101.5	100.6
101.1								

Tabel: 23 Red-Holstein: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1984	14	89.1	92.3	88.4	87.6	0.0	83.1
1985	23	88.8	89.0	88.5	87.4	0.0	82.2
1986	25	90.0	90.1	89.0	87.4	0.0	83.0
1987	58	89.7	91.4	88.5	87.2	0.0	82.7
1988	112	90.0	92.1	88.3	88.2	0.0	83.4
1989	225	90.0	91.9	88.1	88.7	0.0	83.4
1990	333	89.4	91.7	87.7	88.8	0.0	83.1
1991	475	90.5	92.3	88.2	88.3	0.0	83.5
1992	744	91.4	92.3	88.6	88.8	0.0	84.3
1993	1054	92.2	93.2	88.9	89.6	0.0	85.3
1994	1318	92.9	94.4	88.1	88.7	0.0	84.7
1995	1805	93.1	94.7	88.0	88.9	0.0	84.9
1996	2077	94.1	95.7	88.8	89.9	0.0	86.3
1997	2550	94.7	95.9	88.9	90.1	0.0	86.7
1998	3176	95.3	96.5	89.1	90.4	0.0	87.2

[Auteur]

1999	3126	95.7	96.6	89.7	90.8	0.0	87.9
2000	3667	96.6	96.4	90.6	91.8	0.0	89.2
2001	3959	97.2	96.9	90.8	92.0	0.0	89.6
2002	3918	97.9	97.1	91.2	91.9	0.0	90.0
2003	3907	98.3	97.4	91.7	92.1	0.0	90.6
2004	3989	98.5	97.4	91.7	92.1	0.0	90.5
2005	3891	98.9	97.3	91.6	92.3	0.0	90.8
2006	3858	99.4	97.8	92.2	93.0	0.0	91.6
2007	3816	99.5	97.8	92.6	93.4	0.0	92.1
2008	4083	99.6	97.7	93.0	93.5	0.0	92.3
2009	4117	100.1	98.1	93.4	94.3	0.0	93.3
2010	4214	100.4	98.1	94.0	95.1	0.0	94.1
2011	3985	100.5	98.2	94.2	96.2	0.0	94.8
2012	3898	100.4	98.1	94.7	96.6	0.0	95.2
2013	3930	100.4	98.4	95.5	96.8	0.0	95.8
2014	3663	100.8	98.9	96.2	97.1	0.0	96.5
2015	3593	101.0	99.0	96.9	97.4	0.0	97.2
2016	3320	101.1	99.5	97.6	97.7	0.0	97.8
2017	3052	101.4	100.1	98.4	98.2	0.0	98.6
2018	2753	101.5	100.6	100.1	98.7	0.0	99.9
2019	2619	101.4	100.7	100.5	99.3	0.0	100.4
2020	2470	101.4	100.9	101.2	100.2	0.0	101.3
2021	2105	101.6	101.6	102.2	101.4	0.0	102.6
2022	317	101.9	102.0	102.9	102.6	0.0	103.7

Tabel: 24 Red-Holstein: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	34	104.7	104.2	102.4	103.3	101.1	99.3	79.5	103.6
102.0									
1981	22	104.2	103.4	101.6	102.4	100.9	100.4	82.6	102.7
101.7									
1982	13	105.2	102.2	101.7	101.5	101.5	100.8	83.5	102.2
101.8									
1983	14	103.4	102.5	100.3	100.9	99.8	99.6	80.9	101.4
100.4									
1984	27	102.4	100.7	98.7	99.0	99.0	99.3	83.5	99.6
99.2									
1985	40	102.6	100.5	99.0	99.3	99.2	100.2	84.7	99.7
99.5									
1986	60	102.9	101.1	99.7	100.0	99.9	100.2	86.4	100.4
100.2									

[Auteur]

1987	109	102.8	100.5	98.7	99.2	99.4	100.2	85.6	99.5
99.5									
1988	211	102.8	100.7	98.9	99.3	99.5	100.7	85.9	99.7
99.7									
1989	399	102.7	100.3	98.8	99.1	99.4	100.6	86.1	99.4
99.6									
1990	559	102.3	100.4	98.6	99.0	99.1	100.5	86.2	99.3
99.4									
1991	796	101.9	99.9	98.1	98.3	98.6	100.3	87.4	98.7
98.9									
1992	1225	101.9	99.8	98.2	98.4	98.7	100.3	88.5	98.8
98.9									
1993	1715	102.1	99.5	98.1	98.2	98.7	100.3	89.6	98.5
98.8									
1994	2361	102.0	99.0	97.8	97.8	98.5	100.3	89.9	98.1
98.5									
1995	3200	101.3	99.1	97.5	97.6	98.0	99.9	90.0	98.0
98.2									
1996	3669	100.6	98.5	96.6	96.5	97.1	99.7	90.8	97.1
97.4									
1997	4448	99.8	98.7	96.3	96.3	96.5	99.5	91.1	97.0
97.1									
1998	5678	99.4	98.8	96.0	96.3	96.2	99.8	91.7	96.9
97.0									
1999	5778	99.5	98.9	96.3	96.6	96.6	99.8	92.5	97.2
97.2									
2000	6473	100.2	98.1	96.5	96.3	97.1	100.0	92.9	96.8
97.3									
2001	7013	99.9	98.1	96.3	96.2	96.8	99.8	93.6	96.7
97.1									
2002	7243	99.0	98.4	96.0	96.1	96.3	99.6	94.8	96.7
96.8									
2003	7286	98.7	98.0	95.7	95.7	96.0	99.6	95.4	96.3
96.5									
2004	7406	98.7	97.7	95.5	95.4	95.9	99.3	94.8	96.0
96.3									
2005	7341	98.5	97.6	95.4	95.3	95.8	99.5	94.7	95.9
96.2									
2006	7287	98.6	97.1	95.1	94.8	95.7	99.5	95.3	95.5
96.0									
2007	7360	98.4	97.2	95.1	94.8	95.6	99.5	95.8	95.5
96.0									
2008	8223	98.9	97.1	95.4	95.0	96.2	99.5	96.2	95.7
96.3									
2009	8247	99.3	97.6	96.0	95.7	96.8	99.5	96.6	96.3
96.8									
2010	8082	99.5	97.3	96.0	95.6	96.9	99.7	96.6	96.1
96.8									
2011	7546	99.3	97.2	95.8	95.4	96.8	99.4	96.7	95.9
96.6									

[Auteur]

2012	7528	99.5	97.5	96.2	95.8	97.2	99.6	96.6	96.4
97.0									
2013	7547	99.6	97.8	96.6	96.2	97.6	99.9	97.1	96.7
97.4									
2014	7500	99.9	98.2	97.2	96.9	98.2	99.9	97.3	97.3
98.0									
2015	7254	100.1	98.7	97.7	97.5	98.7	99.9	97.7	97.9
98.4									
2016	7042	100.1	99.0	98.1	97.9	99.1	99.8	98.6	98.3
98.7									
2017	6306	100.0	99.5	98.6	98.5	99.4	99.6	99.1	98.9
99.1									
2018	6062	100.5	100.1	99.4	99.3	100.3	100.0	99.5	99.7
99.9									
2019	6009	100.5	100.4	99.8	99.8	100.7	100.5	99.9	100.1
100.4									
2020	5784	100.1	100.6	99.8	99.9	100.7	100.5	100.2	100.2
100.4									
2021	5332	99.5	100.7	99.7	99.8	100.4	100.3	101.0	100.1
100.2									
2022	3616	99.9	100.7	100.2	100.2	101.0	100.8	101.4	100.5
100.8									
2023	38	99.4	100.8	100.3	100.3	100.9	101.2	102.2	100.7
100.8									

Tabel: 25 Red-Holstein: Gebruikskennmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	14	97.7	96.0	94.9	97.2	101.0
1985	21	98.2	96.1	94.5	97.1	101.2
1986	24	98.0	96.5	94.7	96.7	101.2
1987	58	97.7	95.6	94.7	96.9	101.0
1988	112	98.3	96.8	95.1	96.9	101.1
1989	214	97.9	96.5	94.6	96.5	100.7
1990	321	98.0	96.5	94.5	96.1	100.6
1991	447	98.4	96.9	94.7	96.2	100.3
1992	719	99.4	98.1	94.5	96.0	99.8
1993	1000	99.2	97.9	94.3	95.7	99.7
1994	1245	99.7	97.6	94.3	95.4	99.6
1995	1681	99.4	97.3	94.3	95.4	99.3
1996	1928	99.1	97.1	94.4	95.1	99.4
1997	2388	99.1	97.2	94.2	94.7	98.9
1998	2955	99.1	97.0	94.2	94.5	98.0
1999	2903	98.4	96.8	94.1	94.3	97.5

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2000	3470	98.5	96.8	94.9	95.5	98.6
2001	3851	98.8	96.4	94.6	95.1	98.3
2002	3871	98.7	95.8	94.1	94.3	97.7
2003	3883	98.8	96.1	94.1	94.2	97.6
2004	3967	99.0	95.9	94.1	94.1	97.0
2005	3843	99.3	96.0	94.3	94.1	97.0
2006	3800	99.5	96.7	94.5	94.3	97.2
2007	3767	99.4	96.7	94.6	94.3	97.2
2008	4001	99.1	96.8	94.9	94.5	97.4
2009	4023	98.6	97.0	95.5	95.3	98.2
2010	4078	98.6	97.1	95.7	95.4	98.1
2011	3863	98.8	97.3	96.2	95.8	98.0
2012	3808	98.8	97.5	96.8	96.3	98.3
2013	3789	99.1	98.0	97.2	96.7	98.4
2014	3527	99.3	98.7	97.5	97.0	98.4
2015	3503	99.3	98.3	98.2	97.7	99.0
2016	3223	99.3	98.4	98.8	98.3	99.6
2017	2953	99.2	98.7	99.5	98.9	99.7
2018	2639	99.6	99.3	100.2	99.7	100.0
2019	2490	99.6	99.5	101.0	100.4	100.3
2020	2334	99.6	99.9	101.4	100.6	100.3
2021	1984	99.3	100.0	102.1	101.3	100.5
2022	306	99.1	100.7	102.5	101.8	100.6

Tabel: 26 Red-Holstein: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984	20	-312.5	-669.6	-397.4	99.2	99.2	88.4	87.6	94.5
0.0									
1985	34	-269.7	-699.9	-391.0	99.4	99.5	88.5	87.4	96.1
212.4									
1986	43	-262.7	-666.9	-418.9	99.2	100.2	89.0	87.4	96.0
220.4									
1987	99	-279.3	-671.2	-478.7	99.1	99.5	88.5	87.2	95.8
182.0									
1988	204	-279.5	-668.5	-492.9	99.2	99.7	88.3	88.2	95.8
168.0									
1989	381	-279.5	-656.0	-498.0	98.8	99.6	88.1	88.7	95.9
162.9									
1990	532	-280.4	-653.7	-491.9	98.5	99.4	87.7	88.8	95.6
171.9									

[Auteur]

1991	763	-280.6	-617.7	-515.5	98.4	98.9	88.2	88.3	95.3
153.0									
1992	1165	-278.6	-607.4	-491.8	97.9	98.9	88.6	88.8	95.7
149.1									
1993	1636	-283.7	-602.1	-509.6	97.7	98.8	88.9	89.6	95.7
135.0									
1994	2142	-279.4	-551.1	-542.8	97.5	98.5	88.1	88.7	95.6
123.2									
1995	2896	-276.4	-535.4	-508.8	97.3	98.2	88.0	88.9	96.0
121.8									
1996	3331	-276.7	-506.1	-520.7	97.2	97.4	88.8	89.9	95.8
112.9									
1997	4077	-278.3	-486.8	-524.8	96.7	97.1	88.9	90.1	95.7
107.2									
1998	5144	-281.4	-466.1	-552.2	96.1	97.0	89.1	90.4	95.8
96.5									
1999	5241	-272.8	-449.2	-538.1	95.7	97.2	89.7	90.8	96.2
91.5									
2000	5920	-247.8	-417.7	-459.4	97.0	97.3	90.6	91.8	96.0
87.1									
2001	6361	-248.9	-397.9	-461.7	96.5	97.1	90.8	92.0	95.8
77.0									
2002	6429	-249.3	-368.0	-489.0	95.8	96.8	91.2	91.9	95.7
72.1									
2003	6501	-243.6	-346.3	-479.0	95.6	96.5	91.7	92.1	95.5
63.8									
2004	6654	-239.2	-315.2	-488.4	95.3	96.3	91.7	92.1	95.1
62.5									
2005	6631	-226.9	-287.7	-463.0	95.3	96.2	91.6	92.3	95.2
57.7									
2006	6621	-217.0	-269.5	-406.7	95.5	96.0	92.2	93.0	95.2
49.9									
2007	6632	-208.5	-256.1	-382.5	95.4	96.0	92.6	93.4	95.0
50.5									
2008	7116	-194.7	-237.3	-347.8	95.7	96.3	93.0	93.5	95.3
48.6									
2009	6953	-185.6	-243.3	-322.3	96.6	96.8	93.4	94.3	95.4
39.1									
2010	6861	-173.9	-223.6	-306.1	96.6	96.8	94.0	95.1	95.5
38.2									
2011	6383	-157.4	-191.0	-274.3	96.7	96.6	94.2	96.2	95.7
37.1									
2012	6143	-140.2	-176.4	-237.1	97.1	97.0	94.7	96.6	96.2
36.3									
2013	6100	-124.7	-157.9	-200.7	97.4	97.4	95.5	96.8	96.4
33.8									
2014	5992	-111.6	-141.6	-176.8	97.5	98.0	96.2	97.1	96.9
26.6									
2015	5789	-91.8	-122.4	-146.3	98.2	98.4	96.9	97.4	97.4
23.6									

[Auteur]

2016	5560	-71.9	-100.3	-103.6	98.9	98.7	97.6	97.7	97.8
16.9									
2017	5029	-56.1	-74.6	-84.8	99.3	99.1	98.4	98.2	98.2
5.8									
2018	4744	-24.2	-33.6	-34.1	99.9	99.9	100.1	98.7	99.1
0.2									
2019	4652	2.6	7.6	21.4	100.4	100.4	100.5	99.3	99.6
-2.0									
2020	4524	26.3	51.6	75.0	100.5	100.4	101.2	100.2	99.9
-7.4									
2021	4065	54.2	110.6	130.3	100.9	100.2	102.2	101.4	100.0
-15.4									
2022	1037	73.8	139.6	154.4	101.2	100.8	102.9	102.6	100.4
-14.7									

Tabel: 27 Red-Holstein: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	14	91.3	93.2	97.6	96.0	88.9	93.8	93.5
1988	19	91.0	92.3	98.0	96.9	88.1	92.8	93.1
1989	35	91.7	93.3	97.8	96.7	89.9	93.7	93.6
1990	43	91.8	92.8	98.0	97.1	89.5	93.2	94.0
1991	89	91.1	93.1	97.1	95.7	89.8	93.1	94.4
1992	155	91.5	93.9	96.6	95.3	90.7	93.8	95.2
1993	243	91.4	93.9	96.7	95.3	90.7	93.7	95.2
1994	428	92.3	94.7	97.8	95.6	90.9	93.6	94.8
1995	573	91.7	94.1	97.4	95.4	90.7	93.6	94.2
1996	867	91.7	92.8	97.8	96.9	89.4	94.2	93.9
1997	1216	91.4	92.6	97.7	96.8	89.4	93.6	93.8
1998	2601	91.4	92.8	97.7	96.6	89.4	93.3	93.5
1999	2736	92.0	93.3	98.1	97.0	89.6	94.0	93.9
2000	3251	91.9	94.4	97.1	96.0	90.6	94.1	94.6
2001	3559	91.5	94.2	96.8	95.4	90.5	94.0	94.6
2002	3587	91.5	94.0	97.0	95.9	90.3	94.3	94.1
2003	3697	91.9	94.3	97.1	96.2	90.6	94.4	94.5
2004	3802	92.1	94.6	97.2	96.3	90.8	94.1	94.3
2005	3725	92.8	95.2	97.8	96.5	91.3	94.2	94.7
2006	3738	92.8	95.5	97.2	96.1	91.8	94.2	95.6
2007	3710	93.2	96.1	97.0	96.3	92.5	94.3	96.3
2008	3954	93.4	96.2	96.9	96.3	93.0	94.4	96.7
2009	3973	93.7	96.5	96.8	96.4	93.7	94.6	97.3
2010	4094	94.0	96.7	96.8	96.8	94.2	95.0	97.3
2011	3866	94.5	97.3	96.7	97.1	94.9	95.3	97.7
2012	3794	95.4	97.8	97.2	97.6	95.8	96.1	98.1

[Auteur]

2013	3853	95.6	98.2	97.0	97.6	96.3	96.4	98.4
2014	3625	95.7	98.3	96.8	97.5	96.5	96.7	98.8
2015	3579	96.7	98.8	97.5	98.3	97.1	97.6	99.3
2016	3275	97.5	99.0	98.1	98.7	97.6	98.3	99.4
2017	2993	97.7	99.2	98.2	98.9	98.3	98.6	99.3
2018	2668	98.7	99.9	98.7	99.2	98.9	99.3	99.9
2019	2546	99.1	100.2	99.0	99.4	99.4	99.7	100.0
2020	2368	99.9	100.4	99.7	99.8	99.7	100.4	100.1
2021	2001	100.4	100.4	100.4	99.8	100.1	101.2	100.0
2022	288	101.2	100.8	100.9	100.4	100.5	102.1	100.2

Tabel: 28 Red-Holstein: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1984	10	93.6	98.2	93.6	98.2	91.7	96.3
1985	13	96.0	98.8	96.0	98.8	94.2	98.4
1986	15	94.1	98.7	94.1	98.7	92.9	97.9
1987	29	94.2	98.9	94.2	98.9	92.4	97.8
1988	51	94.2	98.9	94.2	98.9	93.1	97.9
1989	82	94.6	98.8	94.6	98.8	93.1	97.8
1990	106	94.3	98.6	94.3	98.6	92.7	97.9
1991	162	94.2	98.5	94.2	98.5	93.2	97.5
1992	244	94.2	98.7	94.2	98.7	92.9	97.8
1993	355	94.1	98.8	94.1	98.8	92.9	97.6
1994	464	94.2	98.8	94.2	98.8	93.7	97.5
1995	624	94.5	99.0	94.5	99.0	93.6	97.6
1996	808	94.6	98.8	94.6	98.8	93.3	97.6
1997	1121	94.7	98.7	94.7	98.7	93.4	97.6
1998	1486	94.7	98.9	94.7	98.9	93.3	97.3
1999	1623	95.0	99.2	95.0	99.2	93.5	97.9
2000	2329	95.4	98.5	95.4	98.5	93.7	98.4
2001	2754	95.2	98.6	95.2	98.6	93.5	98.6
2002	3229	95.1	98.4	95.1	98.4	93.6	98.5
2003	3918	95.1	98.2	95.1	98.2	93.6	98.4
2004	4675	95.1	97.8	95.1	97.8	93.8	98.1
2005	5395	95.2	97.8	95.2	97.8	94.1	98.3
2006	6135	95.5	97.7	95.5	97.7	94.2	98.1
2007	6225	95.6	97.3	95.6	97.3	94.4	97.7
2008	8740	96.3	97.3	96.3	97.3	95.0	97.8
2009	9055	96.2	97.4	96.2	97.4	95.4	97.7
2010	8964	96.3	97.5	96.3	97.5	95.8	97.9
2011	8508	96.7	97.4	96.7	97.4	96.5	98.0
2012	8326	97.3	97.6	97.3	97.6	97.2	98.2
2013	8244	97.6	97.5	97.6	97.5	97.8	98.1
2014	8279	97.9	98.0	97.9	98.0	98.4	98.3

[Auteur]

2015	7993	97.9	98.5	97.9	98.5	98.6	98.7
2016	7769	97.9	98.9	97.9	98.9	99.1	98.9
2017	7017	98.3	99.0	98.3	99.0	99.5	99.1
2018	6886	98.6	99.8	98.6	99.8	99.7	99.6
2019	6718	99.1	100.0	99.1	100.0	100.1	99.9
2020	6533	99.3	100.2	99.3	100.2	100.3	100.1
2021	6487	99.4	100.3	99.4	100.3	100.3	100.1
2022	5985	99.6	100.6	99.6	100.6	100.2	100.3
2023	5654	99.7	100.7	99.7	100.7	100.3	100.3
2024	2247	100.0	101.0	100.0	101.0	100.5	100.6

Tabel: 29 Red-Holstein: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	17	93.4	106.0	105.2	95.5	99.3	102.8
1985	21	97.0	104.2	101.7	97.8	98.2	98.5
1986	32	96.1	104.1	102.4	96.2	98.0	99.6
1987	60	95.2	105.4	103.5	96.2	98.9	101.5
1988	117	94.9	105.4	103.9	96.4	98.5	101.5
1989	221	95.0	105.5	103.7	96.1	98.3	101.6
1990	318	95.2	105.7	103.5	95.6	98.9	102.1
1991	394	94.5	105.4	104.1	95.8	99.0	101.4
1992	551	94.2	104.9	104.1	97.1	99.2	99.7
1993	750	94.3	104.9	104.2	97.5	99.2	98.9
1994	834	93.8	104.5	104.6	97.4	98.7	99.0
1995	1055	94.6	104.7	103.9	98.1	98.7	98.0
1996	1235	94.5	105.5	104.2	97.7	99.0	98.5
1997	1553	94.4	105.6	104.2	97.5	99.4	98.5
1998	1990	94.0	105.4	104.5	97.3	99.8	99.2
1999	1999	94.4	104.5	104.1	97.4	99.1	98.8
2000	2697	94.7	103.7	103.9	97.6	98.4	98.0
2001	3083	94.2	103.8	104.5	97.7	98.6	98.6
2002	3119	93.5	104.2	105.2	97.9	99.0	98.7
2003	3504	93.4	103.9	105.3	97.8	99.2	98.8
2004	3781	93.4	103.8	105.4	97.7	99.5	99.2
2005	3879	93.8	103.6	105.2	98.4	99.5	99.0
2006	3993	93.9	103.4	105.2	98.1	99.2	98.8
2007	4532	94.6	103.4	104.5	97.5	99.3	99.3
2008	4617	95.1	103.2	104.2	97.6	99.2	99.2
2009	5662	95.0	102.9	104.4	98.0	99.1	99.0
2010	6194	95.1	102.6	104.4	98.1	99.0	99.1
2011	5955	95.4	102.6	104.3	97.9	99.1	99.4
2012	5838	95.9	102.3	103.8	98.0	99.1	99.3
2013	5830	96.4	102.2	103.3	97.9	99.1	99.5
2014	5610	96.6	101.7	103.1	98.3	99.0	99.5

[Auteur]

2015	5440	96.8	101.5	102.9	98.6	98.9	99.7
2016	5135	97.3	101.4	102.6	99.0	99.0	99.9
2017	4707	97.7	101.2	102.1	99.4	99.2	99.8
2018	4340	98.0	101.0	101.9	100.1	99.6	99.8
2019	4184	98.3	100.5	101.7	100.7	99.8	99.6
2020	3842	98.7	100.3	101.3	101.3	100.1	99.4
2021	3556	98.8	100.1	101.2	101.4	100.6	99.6
2022	2363	99.1	100.2	101.0	101.6	100.8	99.8
2023	1985	99.2	99.9	100.9	101.8	100.8	99.6
2024	771	99.6	99.3	100.6	102.1	100.7	99.6

Tabel: 30 Red-Holstein: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1984	13	103.0	106.1	97.5	102.4	104.2	98.1	103.4	97.6	105.6
98.6	102.5									
1985	15	102.7	106.0	95.6	101.1	104.3	96.7	103.2	97.1	105.4
98.0	100.8									
1986	18	103.3	105.7	96.8	102.2	104.2	97.6	103.4	98.1	105.3
98.7	102.1									
1987	38	103.8	105.9	98.0	102.8	104.4	98.3	104.4	97.1	105.5
99.2	103.4									
1988	68	104.0	107.2	96.7	103.1	105.1	97.8	104.2	97.6	106.3
98.6	103.3									
1989	110	104.8	107.6	97.1	103.4	105.9	98.2	104.9	97.7	106.8
99.0	104.0									
1990	133	104.2	106.6	97.5	102.9	105.2	98.0	104.5	97.5	106.3
98.8	103.4									
1991	228	104.0	106.0	97.8	102.6	104.5	98.2	104.1	98.2	105.8
99.0	103.2									
1992	354	104.0	105.9	97.8	102.5	104.5	98.3	104.1	98.3	105.7
99.0	103.1									
1993	495	104.1	105.4	98.1	102.7	104.4	98.4	104.2	98.4	105.5
99.0	103.2									
1994	656	104.1	106.0	97.9	103.2	104.1	98.8	103.9	98.9	105.8
99.0	104.2									
1995	941	103.6	105.4	98.8	102.6	103.5	99.4	103.4	99.0	105.2
99.6	103.5									
1996	1209	103.2	104.9	99.4	102.6	103.2	99.7	103.3	98.3	105.1
99.7	103.5									
1997	1658	102.9	104.6	99.1	102.5	102.9	99.6	102.8	98.7	104.7
99.4	102.9									

[Auteur]

1998	2336	102.6	103.9	99.1	102.5	102.1	99.3	102.6	99.0	103.8
98.8	102.8									
1999	2593	102.2	103.7	98.9	102.5	101.8	99.4	102.3	98.8	103.4
98.9	102.6									
2000	3772	102.1	102.9	99.1	102.1	101.6	99.8	101.8	99.7	103.1
99.2	102.0									
2001	5065	102.1	102.6	99.8	102.2	101.4	100.1	101.8	99.8	102.8
99.7	102.1									
2002	5500	102.4	102.0	100.3	102.3	101.2	100.0	102.3	100.1	102.1
99.9	102.1									
2003	5944	102.2	101.4	100.6	101.9	101.0	99.9	102.2	100.1	101.7
99.9	101.7									
2004	6183	102.2	100.8	100.7	101.7	101.1	99.7	102.0	100.4	101.5
99.5	101.7									
2005	6151	102.0	100.3	101.1	101.4	100.9	99.7	101.8	100.2	101.3
99.5	101.7									
2006	6264	101.7	99.9	101.1	101.1	100.5	99.8	101.6	100.3	100.8
99.7	101.2									
2007	6364	101.0	99.7	101.1	100.7	100.0	100.1	101.1	99.9	100.3
100.0	100.5									
2008	7038	100.9	99.4	101.0	100.5	99.9	100.2	101.0	100.0	100.1
100.1	100.2									
2009	7001	100.6	99.9	100.3	101.1	99.7	100.3	101.0	99.2	100.1
99.9	100.4									
2010	6922	100.5	99.2	100.6	100.6	99.6	100.1	100.8	99.4	99.8
99.9	100.1									
2011	6387	100.4	98.6	100.8	100.0	99.5	100.0	100.6	99.6	99.5
99.8	99.8									
2012	6161	100.4	98.6	100.9	99.8	99.7	100.0	100.7	99.4	99.6
99.9	99.8									
2013	5960	100.5	98.1	101.3	99.6	99.8	100.0	100.9	99.2	99.5
100.1	99.8									
2014	5367	100.5	97.7	101.8	99.6	99.7	100.0	101.0	99.0	99.2
100.4	99.8									
2015	4809	100.2	97.3	101.9	99.5	99.3	100.4	100.8	98.9	98.8
100.7	99.5									
2016	4094	99.8	97.0	101.9	99.5	98.8	100.5	100.7	98.5	98.5
100.8	99.3									
2017	3381	100.1	97.2	101.8	100.0	99.0	100.5	101.0	98.6	98.6
101.0	99.7									
2018	2825	100.3	96.8	102.1	100.0	98.9	100.6	101.2	98.7	98.4
101.4	99.7									
2019	2555	100.3	96.5	102.7	99.7	99.0	100.6	101.3	98.6	98.3
101.6	99.7									
2020	2392	100.4	96.3	103.0	99.6	99.0	100.6	101.5	98.6	98.1
101.8	99.7									
2021	2009	100.7	96.3	103.6	100.1	99.0	100.7	101.8	98.5	98.1
101.8	100.4									
2022	284	100.7	95.9	103.7	99.9	98.9	100.5	102.0	98.3	97.8
101.8	100.3									

[Auteur]

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Tabel: 31 Red-Holstein: Kalvervitaliteit  
Basis: Melkdoel rood  
Land: VL

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Jaar	Aantal	KaVi1	KaVi2	KaVi3
1985	11	97.9	99.3	98.4
1986	12	97.4	98.5	97.8
1987	21	96.9	98.3	97.1
1988	23	97.5	99.1	98.0
1989	34	96.9	98.6	97.3
1990	45	96.8	98.3	96.8
1991	60	96.6	98.3	97.5
1992	71	96.3	98.0	97.3
1993	114	96.6	98.4	97.2
1994	143	96.9	98.8	97.5
1995	153	96.9	98.6	97.2
1996	211	96.8	98.9	96.3
1997	266	96.9	98.7	96.9
1998	337	96.9	98.6	97.3
1999	340	97.3	98.9	97.7
2000	484	97.1	98.8	97.7
2001	572	97.4	98.9	97.8
2002	622	97.5	99.1	97.8
2003	725	97.7	99.1	97.8
2004	800	98.0	99.2	98.2
2005	842	97.9	99.1	98.4
2006	923	98.0	99.3	98.1
2007	922	98.0	99.2	98.0
2008	1061	97.9	99.0	98.1
2009	1093	98.1	98.8	98.7
2010	1088	97.8	98.7	98.3
2011	1091	97.9	98.7	98.2
2012	1021	98.4	99.2	98.6
2013	1065	98.6	99.2	98.9
2014	963	98.3	98.9	98.8
2015	1036	98.7	99.2	99.1
2016	788	99.3	99.7	99.5
2017	682	99.7	100.0	99.7
2018	414	99.9	100.0	99.8
2019	316	100.2	100.0	100.1
2020	242	100.1	99.8	100.1
2021	135	99.9	99.4	100.2
2022	47	100.6	99.5	100.6

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[Auteur]



Tabel: 32 Red-Holstein: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6361	-4835.8	-16905.8	-729.8	-615.4
2002	6429	-4915.9	-17143.9	-743.9	-624.2
2003	6493	-4803.6	-16743.6	-727.3	-609.7
2004	6656	-4787.0	-16666.5	-725.0	-607.5
2005	6630	-4572.0	-15737.0	-696.3	-577.4
2006	6623	-4206.2	-14310.2	-643.8	-529.0
2007	6638	-4035.3	-13842.7	-616.2	-508.5
2008	7125	-3776.3	-12965.3	-578.1	-474.9
2009	7067	-3634.0	-12374.3	-558.7	-455.3
2010	7004	-3478.1	-11852.6	-536.5	-434.6
2011	6535	-3188.8	-10868.6	-491.9	-398.4
2012	6412	-2904.9	-9868.8	-449.0	-362.3
2013	6358	-2610.5	-8872.6	-404.0	-325.2
2014	6252	-2390.0	-8097.1	-370.7	-297.2
2015	6032	-2119.8	-7195.9	-330.5	-262.4
2016	5808	-1757.3	-5833.4	-277.4	-215.1
2017	5210	-1525.0	-4976.6	-243.3	-184.9
2018	4926	-1017.3	-3148.7	-165.5	-121.1
2019	4830	-457.1	-1433.1	-74.1	-54.6
2020	4677	101.1	460.3	14.4	13.5
2021	4110	740.2	2577.7	118.8	89.2
2022	865	999.0	3532.3	157.9	122.1

Tabel: 33 Red-Holstein: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1987	14	97.1	83.6	102.0	88.4
1988	17	94.9	84.4	102.4	87.4
1989	25	97.4	84.6	102.0	89.6
1990	30	96.8	85.6	101.6	89.3
1991	37	96.4	85.0	102.6	89.5
1992	61	96.8	84.6	102.2	89.3
1993	95	96.5	84.7	102.2	88.8
1994	136	97.0	81.2	102.8	88.1
1995	161	96.9	82.8	102.7	88.6
1996	217	97.5	83.0	102.8	89.2
1997	282	97.1	82.7	102.3	88.3
1998	370	97.1	82.6	102.5	88.3

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1999	358	96.7	83.6	102.4	88.3
2000	528	96.2	84.1	101.9	88.2
2001	635	96.6	84.5	101.7	88.4
2002	681	96.4	84.6	101.5	88.0
2003	740	96.5	85.2	101.4	88.3
2004	792	96.8	85.8	101.5	88.9
2005	894	97.3	85.9	101.6	89.5
2006	954	97.4	86.8	101.0	89.6
2007	999	97.5	87.2	100.9	89.8
2008	1157	97.3	87.6	100.9	90.1
2009	1262	96.5	88.1	101.2	90.0
2010	1404	97.0	88.9	101.0	90.7
2011	1452	97.6	89.9	100.5	91.5
2012	1501	97.9	90.9	100.3	92.3
2013	1652	98.4	92.0	100.2	93.5
2014	1597	98.8	93.5	100.3	94.8
2015	1753	99.2	94.7	100.1	95.9
2016	1589	99.1	96.3	100.2	97.0
2017	1420	99.3	97.6	99.2	97.2
2018	1248	100.1	99.0	99.0	98.6
2019	1148	99.7	100.2	99.4	99.6
2020	1134	99.9	100.7	99.1	99.8
2021	1115	99.1	101.6	99.4	99.9
2022	362	98.7	101.5	99.3	99.4

Tabel: 34 Red-Holstein: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	20	95.5	98.5	0	0.0	0.0	0	0.0
1985	34	94.0	97.6	25	-6.0	212.4	0	0.0
1986	43	93.4	97.9	26	-5.8	220.4	0	0.0
1987	99	93.9	97.9	59	-5.5	182.0	0	0.0
1988	204	93.1	97.3	112	-5.4	168.0	0	0.0
1989	381	93.6	97.3	228	-5.3	162.9	0	0.0
1990	532	93.7	97.6	336	-5.4	171.9	0	0.0
1991	763	93.5	97.3	476	-5.0	153.0	0	0.0
1992	1165	93.5	97.4	749	-4.9	149.1	0	0.0
1993	1636	92.9	97.1	1056	-4.7	135.0	0	0.0
1994	2142	92.7	97.4	1322	-4.3	123.2	0	0.0
1995	2896	93.5	97.5	1808	-4.2	121.8	0	0.0
1996	3331	93.5	97.0	2078	-3.9	112.9	0	0.0
1997	4077	93.5	97.0	2551	-3.8	107.2	0	0.0
1998	5144	93.3	96.8	3176	-3.5	96.5	0	0.0
1999	5241	93.6	97.1	3129	-3.4	91.5	0	0.0
2000	5920	94.2	97.8	3668	-3.1	87.1	0	0.0

[Auteur]

2001	6361	94.6	97.9	3962	-2.9	77.0	3958	96.2
2002	6429	94.2	97.4	3922	-2.7	72.1	3918	96.3
2003	6501	94.3	97.2	3911	-2.5	63.8	3906	96.6
2004	6654	94.4	97.0	3994	-2.4	62.5	3989	96.5
2005	6631	94.9	97.0	3896	-2.1	57.7	3890	96.7
2006	6621	95.5	97.5	3866	-1.9	49.9	3858	97.2
2007	6632	95.7	97.7	3833	-1.9	50.5	3814	97.1
2008	7116	95.8	98.2	4103	-1.8	48.6	4083	97.2
2009	6953	95.7	98.5	4143	-1.7	39.1	4116	98.1
2010	6861	95.8	98.4	4257	-1.6	38.2	4213	98.0
2011	6383	96.3	98.5	4049	-1.4	37.1	3982	98.0
2012	6143	96.5	98.9	3991	-1.3	36.3	3897	98.0
2013	6100	96.8	99.0	4023	-1.2	33.8	3930	98.2
2014	5992	97.2	99.0	3833	-1.0	26.6	3661	98.7
2015	5789	97.5	99.4	3852	-0.9	23.6	3591	99.0
2016	5560	98.1	99.4	3673	-0.7	16.9	3318	99.5
2017	5029	98.6	99.8	3430	-0.4	5.8	3049	100.4
2018	4744	99.3	100.3	3275	-0.1	0.2	2752	100.8
2019	4652	100.0	100.7	3240	0.2	-2.0	2616	100.9
2020	4524	100.8	101.0	3160	0.5	-7.4	2469	101.2
2021	4065	101.5	101.6	2974	1.0	-15.4	2105	102.3
2022	1037	102.0	101.9	2030	1.2	-14.7	317	102.7
2023	0	0.0	0.0	1813	1.4	-9.2	0	0.0
2024	0	0.0	0.0	645	1.7	-14.8	0	0.0

Tabel: 35 Red-Holstein: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	12	99.0	2	97.0	2	97.0	12	93.7
1987	19	98.7	5	97.8	4	94.8	19	94.7
1988	33	99.5	2	96.5	2	99.5	33	94.3
1989	51	99.2	6	96.8	5	95.0	51	94.1
1990	73	99.0	11	96.5	11	94.7	73	94.1
1991	107	98.8	19	97.4	18	97.3	107	93.6
1992	162	99.2	11	97.6	11	94.6	162	93.8
1993	252	99.2	21	96.8	20	96.3	252	93.6
1994	334	98.9	48	98.6	48	95.5	334	93.4
1995	441	99.2	43	99.3	40	95.7	441	93.7
1996	557	98.9	66	97.9	50	95.9	557	93.2
1997	748	98.4	94	97.0	81	95.7	748	92.6
1998	987	98.4	161	97.4	133	97.4	987	92.2
1999	1041	98.8	138	98.7	114	97.3	1041	93.3
2000	1505	99.6	243	100.6	228	97.6	1505	94.2
2001	1768	99.9	250	100.7	230	97.3	1768	94.3
2002	1979	99.5	344	100.5	332	96.9	1979	94.3

[Auteur]

2003	2433	99.6	407	100.7	389	96.8	2433	94.5
2004	2719	99.1	408	99.7	394	97.1	2719	94.1
2005	3112	98.5	463	99.0	449	96.9	3112	93.8
2006	3506	98.7	564	99.4	551	96.9	3506	94.1
2007	4010	98.8	558	99.5	527	97.3	4010	94.4
2008	4851	99.3	689	100.0	673	97.5	4851	94.7
2009	5572	99.7	715	100.3	688	97.5	5572	95.7
2010	6543	99.7	753	100.4	746	97.7	6543	95.7
2011	6172	99.6	771	100.4	769	97.8	6172	95.9
2012	6025	99.4	779	100.0	773	97.9	6025	96.1
2013	5970	99.3	828	99.8	821	98.0	5970	96.5
2014	5838	99.5	762	100.1	756	98.1	5838	97.3
2015	5593	99.9	809	100.3	806	98.2	5593	98.0
2016	5403	100.2	605	100.6	598	98.4	5403	98.4
2017	4881	100.3	460	100.7	459	99.0	4881	98.8
2018	4637	100.5	311	100.7	305	99.5	4637	99.2
2019	4534	100.6	224	100.8	224	99.8	4534	99.8
2020	4368	100.6	172	100.6	186	99.9	4368	100.3
2021	3730	100.4	92	100.7	103	99.9	3730	100.9
2022	970	100.3	28	100.6	33	99.5	970	101.1

Tabel: 36 Red-Holstein: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1987	11	99.3	97.9	100.3	98.8	98.8	97.5
1989	19	99.5	98.3	100.4	98.7	99.5	97.9
1990	18	99.3	98.1	99.9	98.8	99.1	97.6
1991	31	100.9	99.8	101.2	100.3	99.9	98.7
1992	35	100.5	99.3	101.0	99.8	99.9	98.4
1993	57	100.0	98.7	100.7	99.4	99.4	98.2
1994	84	100.8	100.0	101.6	99.9	99.5	98.8
1995	75	99.7	98.7	100.5	99.0	98.9	97.7
1996	136	99.0	97.8	99.8	98.5	98.9	96.9
1997	171	99.4	97.9	99.9	98.9	99.1	97.5
1998	242	99.3	98.1	99.9	98.9	98.7	97.7
1999	225	99.9	98.6	100.4	99.4	99.0	97.7
2000	344	99.9	99.2	100.4	99.5	98.3	97.9
2001	402	100.2	99.2	100.6	99.5	99.0	98.2
2002	473	99.7	98.4	100.3	99.0	99.1	98.4
2003	519	99.8	98.9	100.3	98.9	99.3	98.7
2004	559	99.9	99.0	100.2	99.1	99.4	98.3
2005	588	100.3	99.3	100.5	99.7	99.7	98.4
2006	673	100.9	100.1	100.9	100.0	99.8	99.0
2007	679	101.2	100.7	101.2	100.1	100.1	99.4
2008	773	101.5	101.0	101.5	100.2	100.2	100.0

[Auteur]

2009	797	101.7	101.2	101.5	100.5	100.3	99.9
2010	836	101.7	101.3	101.4	100.6	100.3	99.8
2011	844	101.4	101.0	100.9	100.5	100.0	99.6
2012	836	101.3	100.8	100.7	100.5	99.9	99.5
2013	888	101.4	100.8	100.7	100.6	100.2	99.6
2014	811	101.3	100.4	100.7	100.6	100.0	99.3
2015	881	101.0	99.9	100.6	100.2	100.3	99.4
2016	690	100.8	99.6	100.4	100.0	100.2	99.3
2017	514	101.1	99.7	100.5	100.4	101.1	100.1
2018	345	100.9	99.1	100.6	100.0	101.4	100.1
2019	265	101.1	99.3	100.7	100.0	101.8	100.4
2020	214	101.2	99.3	101.0	100.1	101.9	100.6
2021	126	101.3	99.2	101.0	100.2	102.0	100.5
2022	39	101.3	99.5	101.2	100.3	102.2	100.8

Tabel: 37 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	158	-3357.5	-123.9	-116.0	-152.8	34.5	1.9	1.1	-870.6
1981	299	-3340.5	-124.3	-116.0	-152.1	32.1	0.9	0.9	-871.6
1982	359	-3337.5	-123.3	-116.4	-151.9	33.9	0.1	0.8	-870.7
1983	663	-3262.8	-120.4	-114.6	-148.5	33.0	-1.2	0.9	-853.7
1984	660	-3198.3	-115.8	-113.0	-145.6	36.0	-2.3	0.8	-833.1
1985	899	-3281.2	-116.5	-114.1	-149.3	42.1	1.0	0.9	-840.0
1986	870	-3121.3	-108.6	-108.9	-142.0	42.9	0.4	0.9	-793.9
1987	923	-2981.9	-105.0	-104.8	-135.7	37.9	-1.0	0.8	-765.7
1988	1000	-2844.9	-100.8	-100.3	-129.4	34.4	-1.4	0.8	-733.7
1989	1042	-2758.2	-96.7	-98.2	-125.5	34.6	-2.9	0.8	-712.4
1990	896	-2606.3	-87.8	-92.6	-118.5	37.7	-2.3	0.8	-661.6
1991	834	-2414.0	-80.6	-85.6	-109.8	35.2	-1.7	0.7	-609.9
1992	1080	-2241.9	-76.3	-80.6	-101.9	29.5	-3.3	0.7	-575.5
1993	851	-2128.0	-74.5	-77.3	-96.7	24.4	-4.3	0.7	-556.1
1994	582	-2011.6	-68.2	-73.0	-91.4	26.2	-3.8	0.7	-518.6
1995	582	-1756.5	-60.4	-65.4	-79.7	21.0	-5.5	0.6	-462.3
1996	469	-1646.3	-58.6	-62.1	-74.7	16.4	-6.3	0.7	-442.9
1997	293	-1696.9	-62.0	-64.3	-77.0	15.2	-6.7	0.7	-462.5
1998	232	-1642.8	-61.0	-62.1	-74.5	13.5	-6.1	0.6	-450.0
1999	206	-1667.7	-63.3	-63.1	-75.7	11.5	-6.4	0.6	-461.1
2000	198	-1430.8	-61.1	-57.8	-65.1	0.4	-10.2	0.4	-432.0
2001	171	-1362.3	-57.3	-53.9	-62.8	2.0	-7.9	-0.8	-403.8
2002	150	-1410.8	-55.7	-54.1	-64.0	7.1	-6.0	0.6	-399.8
2003	153	-1309.0	-51.9	-50.7	-59.7	5.8	-6.3	0.3	-373.7
2004	115	-1102.7	-49.1	-46.3	-51.1	-2.2	-9.7	-1.0	-346.3
2005	112	-1108.2	-50.2	-46.4	-50.6	-3.4	-9.7	0.0	-350.2
2006	108	-1111.7	-47.9	-43.4	-49.2	-0.3	-5.7	2.1	-330.3

[Auteur]

2007	87	-918.8	-43.3	-37.6	-41.6	-4.4	-6.6	0.3	-291.6
2008	65	-932.8	-45.4	-40.6	-40.9	-6.0	-9.5	2.2	-310.7
2009	58	-1002.4	-50.1	-40.9	-43.6	-8.2	-7.0	2.7	-326.2
2010	34	-778.0	-47.0	-37.6	-32.9	-16.3	-12.6	3.4	-302.8
2011	33	-605.4	-37.1	-31.5	-22.5	-13.4	-12.5	6.5	-246.8
2012	29	-809.1	-40.2	-35.4	-32.7	-6.2	-8.1	5.5	-272.9
2013	24	-864.0	-40.1	-36.0	-35.1	-3.6	-7.1	5.4	-275.1
2014	24	-680.9	-39.1	-32.2	-28.8	-11.0	-9.9	2.8	-256.2
2015	25	-812.0	-40.4	-34.0	-31.8	-5.5	-6.0	6.8	-267.2
2016	15	-496.5	-19.9	-21.1	-13.9	2.8	-3.9	11.6	-150.2
2017	11	-685.1	-21.7	-21.9	-26.6	10.1	2.5	6.1	-159.5
2018	15	-224.0	-14.5	-15.4	-6.8	-4.5	-7.9	3.9	-109.7
2019	10	-421.3	-24.1	-21.0	-9.2	-5.0	-7.1	12.5	-162.8
2020	12	-284.4	-12.3	-13.3	-10.9	1.0	-3.4	2.3	-94.3
2021	11	-543.3	-22.1	-18.1	-23.9	2.7	1.6	1.3	-144.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 38 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	54	79.6	92.8	82.6	80.1	107.0	95.5	95.3
1981	96	80.4	93.1	83.4	81.0	106.7	96.2	95.9
1982	122	81.1	92.8	83.5	81.8	105.8	95.8	95.9
1983	240	81.6	92.7	84.1	82.2	105.6	95.2	95.7
1984	236	82.0	92.6	84.3	82.7	105.1	95.6	95.4
1985	299	82.2	92.9	84.3	82.2	105.6	95.6	95.4
1986	307	82.9	92.6	85.2	83.1	104.7	96.1	95.5
1987	312	84.1	92.9	86.3	84.3	103.9	95.7	95.7
1988	348	84.7	93.2	87.5	85.1	103.4	95.2	96.2
1989	457	84.6	92.8	87.4	85.1	103.0	95.1	95.8
1990	402	85.5	92.2	87.9	85.7	102.2	96.3	96.0
1991	410	86.4	92.7	88.4	86.7	101.3	96.9	95.8
1992	532	87.3	93.4	89.5	87.6	101.1	97.1	95.6
1993	399	87.8	94.0	89.6	88.0	100.9	97.3	95.3
1994	280	87.8	93.9	89.9	88.2	100.5	97.0	95.6
1995	293	88.9	94.8	91.0	89.6	100.0	97.3	94.9
1996	234	89.2	94.8	91.0	89.8	99.9	97.7	94.6
1997	137	89.0	94.4	91.1	89.9	100.0	97.7	94.8
1998	130	89.8	94.3	91.7	90.7	99.6	97.4	95.4
1999	92	90.2	94.5	92.5	91.4	99.4	97.5	96.0
2000	96	90.2	94.5	92.4	91.3	99.2	97.6	96.5
2001	85	90.8	94.9	92.9	92.3	99.3	98.1	96.5
2002	70	91.2	94.3	92.9	92.4	98.7	98.4	96.4
2003	77	91.2	94.1	92.7	92.3	98.5	97.8	96.2
2004	56	92.1	93.9	93.7	93.1	97.5	98.1	95.9

[Auteur]

2005	53	91.5	94.8	93.6	92.9	98.8	99.3	95.6
2006	54	93.0	95.6	94.2	92.6	99.3	99.5	97.2
2007	35	93.2	95.7	94.4	93.3	99.3	100.3	97.0
2008	21	94.0	97.0	94.7	92.8	100.6	98.8	99.7
2009	25	92.4	95.6	93.4	91.8	100.5	98.6	97.7
2010	23	94.5	96.0	95.0	94.3	100.2	99.8	98.6
2011	20	93.0	94.8	94.4	94.6	99.0	98.7	97.3
2012	15	95.0	95.4	96.3	95.5	99.1	97.8	98.0
2013	14	95.6	97.2	95.5	94.1	100.9	98.4	98.8
2014	19	96.7	96.2	96.7	95.8	100.1	99.1	98.4
2015	15	95.2	95.3	95.5	95.6	98.4	99.3	98.6

Tabel: 39 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
beenwerk

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	54	87.7	100.7	96.6	92.8	85.6
1981	96	89.0	100.7	97.1	93.4	86.9
1982	122	88.8	100.7	97.1	92.8	86.8
1983	240	89.5	101.6	96.3	93.3	87.4
1984	236	89.7	101.6	96.4	93.5	87.7
1985	299	89.9	101.8	96.4	93.7	87.9
1986	307	90.2	102.4	96.2	93.9	88.2
1987	312	90.2	102.5	96.1	93.4	88.2
1988	348	90.6	102.7	96.0	93.4	88.5
1989	457	91.2	102.9	95.9	93.6	89.4
1990	402	91.3	103.1	95.9	93.8	89.7
1991	410	91.2	103.9	95.3	94.5	90.2
1992	532	91.1	104.2	95.0	94.5	90.3
1993	399	90.6	104.4	94.7	94.6	90.1
1994	280	91.2	104.5	94.7	94.8	90.5
1995	293	90.6	105.0	94.2	95.4	90.6
1996	234	90.9	105.0	94.1	95.3	90.9
1997	137	91.5	104.2	94.5	94.9	91.3
1998	130	92.0	103.4	95.4	94.9	91.8
1999	92	92.4	103.7	95.5	94.9	92.0
2000	96	92.3	103.3	95.5	94.4	91.9
2001	85	93.0	103.0	95.6	95.7	92.9
2002	70	92.3	102.9	95.6	94.7	92.3
2003	77	93.7	102.9	95.4	95.3	93.4
2004	56	92.6	103.2	95.8	95.4	92.3
2005	53	93.3	103.0	96.5	95.6	92.9
2006	54	93.2	102.3	97.3	95.8	93.1
2007	35	93.7	101.8	97.4	94.8	93.5
2008	21	94.3	103.0	97.6	95.4	93.9

[Auteur]

2009	25	94.7	101.2	98.0	95.4	94.2
2010	23	94.6	102.7	96.9	96.5	94.7
2011	20	93.8	102.7	96.7	96.2	93.9
2012	15	94.3	101.9	97.1	96.7	93.7
2013	14	95.6	101.0	98.6	97.1	94.6
2014	19	94.2	101.3	97.5	95.8	93.8
2015	15	95.7	101.9	98.0	95.5	94.1

Tabel: 40 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	54	87.1	85.6	99.7	88.7	81.2	86.9	86.5
89.2								
1981	96	86.8	85.4	100.0	88.8	82.0	87.8	87.3
90.1								
1982	122	87.2	86.2	99.9	89.4	82.5	88.2	87.9
90.8								
1983	240	87.6	86.2	100.3	89.7	83.0	88.7	88.1
91.2								
1984	236	87.7	86.5	100.4	89.7	83.6	88.8	88.3
91.5								
1985	299	88.2	86.6	100.1	90.3	83.5	88.5	88.1
91.3								
1986	307	88.4	87.2	99.9	90.3	84.1	89.6	89.0
91.4								
1987	312	88.3	87.0	100.3	90.0	84.7	89.6	88.9
91.6								
1988	348	88.6	87.6	100.0	90.1	85.3	90.5	89.4
91.5								
1989	457	88.8	87.7	100.1	89.8	85.6	90.7	89.6
91.5								
1990	402	89.4	89.4	99.5	90.7	86.2	92.3	91.5
92.2								
1991	410	89.7	89.9	100.5	91.0	87.3	93.0	92.2
93.4								
1992	532	89.8	89.6	101.1	90.9	87.8	92.9	91.8
93.7								
1993	399	89.7	89.4	101.5	91.0	88.4	92.8	91.8
94.5								
1994	280	89.7	89.8	101.6	90.7	88.5	93.0	92.2
94.5								
1995	293	90.2	89.8	102.7	91.0	89.9	93.4	92.7
95.7								

[Auteur]



1996	234	90.3	89.9	102.5	91.0	89.9	93.5	92.6
95.7								
1997	137	90.2	90.2	102.1	90.9	89.7	93.6	92.9
95.5								
1998	130	91.3	91.5	100.9	92.0	89.8	94.4	94.2
95.1								
1999	92	91.2	91.8	101.5	91.3	89.6	94.4	94.6
95.1								
2000	96	90.8	91.8	101.0	91.4	89.8	94.3	94.4
95.3								
2001	85	91.1	92.0	101.4	91.4	91.0	94.8	95.0
96.4								
2002	70	91.6	93.0	102.1	91.7	90.6	94.4	95.1
95.9								
2003	77	91.9	93.1	101.6	92.4	91.7	95.1	95.5
97.2								
2004	56	91.6	92.2	101.5	92.0	91.1	94.5	94.7
96.8								
2005	53	91.7	92.3	101.2	91.6	91.4	95.0	95.2
97.2								
2006	54	93.0	94.2	101.0	92.5	92.3	95.4	96.4
96.6								
2007	35	92.7	94.8	101.4	92.5	91.9	95.5	97.0
96.5								
2008	21	93.3	93.4	101.4	93.1	91.7	96.1	96.5
95.9								
2009	25	92.5	94.0	101.1	93.4	92.1	95.8	96.1
96.0								
2010	23	93.9	95.1	100.9	94.0	93.2	96.6	97.3
97.1								
2011	20	93.4	96.0	100.2	93.8	93.6	97.5	98.2
97.2								
2012	15	95.4	97.1	99.3	96.3	94.8	98.3	99.2
97.7								
2013	14	94.6	95.6	100.1	96.1	92.5	96.2	97.4
96.5								
2014	19	95.7	97.3	100.6	95.8	95.2	97.7	99.1
97.3								
2015	15	95.2	94.5	100.9	96.4	93.9	96.6	97.3
97.5								

Tabel: 41 Holstein - Fries Hollands zwartbont: Exterieurkenmerken  
bovenbalk

Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
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[Auteur]

1980	54	80.1	86.6	80.6	85.3	0.0	73.9
1981	96	81.4	87.4	81.1	86.6	0.0	75.5
1982	122	81.5	87.2	81.9	86.5	0.0	75.8
1983	240	81.6	87.2	82.4	87.0	0.0	76.4
1984	236	82.1	87.1	82.8	87.3	0.0	76.9
1985	299	82.1	87.3	83.0	87.4	0.0	77.0
1986	307	83.2	87.3	83.6	87.8	0.0	77.9
1987	312	84.2	87.8	83.8	87.7	0.0	78.4
1988	348	85.1	88.5	84.6	88.1	0.0	79.3
1989	457	84.9	87.9	84.8	88.9	0.0	79.6
1990	402	86.2	87.8	85.8	89.0	0.0	80.6
1991	410	87.0	88.0	86.6	89.2	0.0	81.5
1992	532	88.0	89.0	87.0	89.1	0.0	82.1
1993	399	88.4	89.3	87.2	88.8	0.0	82.2
1994	280	88.5	89.3	87.2	89.2	0.0	82.4
1995	293	89.4	90.3	88.2	88.9	0.0	83.2
1996	234	89.8	90.3	88.3	89.3	0.0	83.6
1997	137	89.8	90.3	88.2	89.8	0.0	83.9
1998	130	90.6	90.9	88.9	90.6	0.0	85.0
1999	92	91.7	91.7	88.6	90.7	0.0	85.3
2000	96	92.0	91.8	88.6	90.8	0.0	85.5
2001	85	92.8	92.6	89.3	91.8	0.0	86.7
2002	70	93.1	92.2	89.3	91.2	0.0	86.5
2003	77	92.7	91.7	90.2	92.4	0.0	87.3
2004	56	93.8	91.9	89.6	91.4	0.0	86.9
2005	53	93.5	92.6	89.8	92.2	0.0	87.3
2006	54	95.3	93.4	91.0	92.3	0.0	88.8
2007	35	95.6	93.9	90.6	92.9	0.0	89.1
2008	21	96.8	95.3	91.1	93.5	0.0	90.1
2009	25	95.0	93.6	90.8	93.6	0.0	89.3
2010	23	96.3	95.8	92.2	93.7	0.0	90.8
2011	20	95.0	94.2	92.3	92.8	0.0	89.8
2012	15	96.5	95.5	94.3	92.9	0.0	91.5
2013	14	97.4	96.1	92.6	94.3	0.0	91.6
2014	19	97.5	96.8	94.4	93.2	0.0	92.3
2015	15	96.6	95.1	93.5	93.7	0.0	91.6

Tabel: 42 Holstein - FriesHollands zwartbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	705	105.2	103.2	102.1	103.4	100.2	97.3	78.8	103.0
100.9									

[Auteur]

1981	918	104.7	103.4	102.0	103.4	100.0	97.4	79.3	103.0
100.9									
1982	1207	105.3	102.7	102.0	103.0	100.3	97.3	80.1	102.7
100.8									
1983	1545	104.8	102.6	101.5	102.5	99.7	97.2	79.7	102.3
100.4									
1984	1269	104.5	102.2	101.2	102.0	99.6	97.3	80.1	101.9
100.1									
1985	1528	105.2	102.1	101.8	102.5	100.0	97.5	80.4	102.2
100.6									
1986	1268	103.9	101.6	100.7	101.6	99.2	97.0	81.4	101.3
99.6									
1987	1060	103.3	101.3	100.1	101.0	98.7	97.8	82.5	100.7
99.4									
1988	1094	103.5	100.5	99.7	100.4	98.6	98.4	82.9	100.1
99.1									
1989	1146	103.1	100.3	99.2	99.9	98.2	98.3	83.7	99.7
98.7									
1990	982	103.1	100.1	99.4	100.0	98.5	99.0	84.4	99.7
99.1									
1991	896	102.4	99.7	98.8	99.5	98.1	99.0	85.2	99.1
98.6									
1992	1145	101.9	99.4	98.4	99.0	97.7	99.4	86.5	98.7
98.3									
1993	929	101.6	99.4	98.2	99.0	97.6	99.3	87.0	98.6
98.3									
1994	631	101.6	98.7	98.0	98.3	97.5	99.2	87.3	98.1
97.9									
1995	628	101.0	97.8	97.1	97.3	96.8	99.0	88.2	97.1
97.2									
1996	513	100.6	97.9	96.9	97.2	96.6	99.0	88.9	97.0
97.0									
1997	319	100.8	98.2	97.3	97.5	96.8	98.1	88.7	97.4
97.0									
1998	249	100.6	98.0	97.1	97.3	96.5	98.3	89.8	97.2
96.9									
1999	232	100.4	97.9	96.9	97.0	96.3	98.6	89.5	97.0
96.8									
2000	217	99.9	97.9	96.2	96.6	95.6	98.2	90.8	96.6
96.2									
2001	191	100.1	97.7	96.6	96.7	95.9	97.5	90.8	96.6
96.3									
2002	162	100.2	97.6	96.5	96.6	95.9	98.2	91.3	96.5
96.3									
2003	172	100.4	97.1	96.5	96.4	96.3	98.6	91.0	96.4
96.5									
2004	129	100.7	96.4	96.2	95.7	96.2	99.3	91.0	95.7
96.3									
2005	118	100.1	96.7	96.0	95.8	95.7	97.7	91.4	95.8
95.8									

[Auteur]

2006	121	99.3	97.3	95.5	96.0	95.1	95.8	90.4	95.8
95.1									
2007	100	99.5	97.0	95.5	95.9	95.1	96.2	90.9	95.6
95.2									
2008	79	99.6	97.4	95.9	96.2	95.6	96.5	91.0	96.2
95.6									
2009	67	99.8	98.3	97.0	97.4	96.4	97.7	92.4	97.2
96.8									
2010	41	99.9	97.3	96.3	96.4	96.2	97.9	92.0	96.4
96.2									
2011	41	100.0	97.3	96.3	96.5	96.2	97.5	91.0	96.3
96.1									
2012	34	99.6	98.1	96.5	97.1	96.4	97.1	91.0	96.8
96.4									
2013	36	100.0	98.8	97.6	98.2	97.2	97.5	91.8	97.9
97.3									
2014	36	100.2	99.0	97.9	98.4	97.6	97.7	93.1	98.2
97.6									
2015	40	100.4	98.6	97.8	98.0	97.6	98.2	92.5	97.8
97.6									
2016	22	99.4	99.3	98.0	98.4	97.6	97.3	94.8	98.4
97.7									
2017	19	100.9	99.7	99.4	99.6	99.3	97.4	94.2	99.4
98.9									
2018	26	100.5	99.7	99.1	99.6	99.2	98.2	95.4	99.2
98.9									
2019	20	100.3	99.5	99.0	99.3	98.7	97.3	94.0	99.2
98.5									
2020	14	100.5	100.4	99.7	100.2	99.4	98.2	94.4	99.9
99.4									
2021	14	101.4	99.9	100.3	100.3	100.1	98.4	95.1	100.0
99.6									

Tabel: 43 Holstein - Fries Hollands zwartbont: Gebruikskennmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	47	98.2	93.8	94.7	99.4	104.6
1981	93	97.6	94.5	94.5	98.9	104.2
1982	112	98.4	93.9	94.0	98.3	103.4
1983	232	98.0	94.1	93.9	98.4	103.5
1984	229	98.0	93.9	93.6	97.9	103.5
1985	293	97.4	93.5	94.4	98.4	103.7
1986	302	97.6	93.5	94.2	98.1	103.2
1987	308	98.0	93.9	93.5	97.2	102.8

[Auteur]

1988	340	98.0	94.1	93.3	96.9	102.4
1989	454	97.8	93.8	93.2	96.8	102.0
1990	396	97.8	94.3	93.9	97.5	101.9
1991	398	97.9	93.9	93.5	96.9	101.1
1992	536	97.7	93.5	92.9	95.8	100.6
1993	393	97.5	93.4	92.9	95.6	100.4
1994	268	97.8	93.7	92.8	95.6	99.8
1995	285	97.7	93.2	92.4	94.7	99.1
1996	229	97.8	93.1	92.6	94.7	98.7
1997	133	98.1	93.3	92.9	95.0	98.8
1998	132	98.2	94.6	93.1	95.2	98.6
1999	92	98.2	95.2	93.5	95.3	99.1
2000	92	98.8	95.2	93.1	95.1	98.5
2001	87	99.0	95.4	93.4	95.2	98.5
2002	69	99.5	95.5	92.2	93.6	96.5
2003	76	98.9	95.2	92.8	94.5	97.9
2004	55	99.1	95.5	93.4	94.7	97.8
2005	54	99.0	96.0	93.1	94.2	97.5
2006	52	99.0	96.9	93.8	95.1	98.0
2007	36	99.6	97.0	93.7	94.4	97.7
2008	21	99.6	96.5	94.2	95.0	97.8
2009	25	98.3	98.6	94.3	95.0	98.1
2010	22	99.0	97.9	94.3	95.1	97.9
2011	17	99.5	98.0	94.9	94.9	97.5
2012	14	99.9	96.0	95.4	96.3	98.4
2013	15	100.0	98.1	96.0	96.8	98.5
2014	18	100.2	98.0	96.6	96.9	99.6
2015	14	99.7	98.1	96.8	97.4	99.5

Tabel: 44 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken

Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									
1980	158	-314.2	-870.6	-320.2	102.7	100.9	80.6	85.3	96.7
0.0									
1981	299	-328.7	-871.6	-379.3	102.1	100.9	81.1	86.6	96.1
0.0									
1982	359	-330.6	-870.7	-365.2	101.4	100.8	81.9	86.5	96.0
0.0									
1983	663	-335.2	-853.7	-405.9	101.5	100.4	82.4	87.0	96.8
0.0									

[Auteur]

1984	660	-337.2	-833.1	-416.3	101.2	100.1	82.8	87.3	96.9
0.0									
1985	899	-283.5	-840.0	-450.0	101.6	100.6	83.0	87.4	97.0
227.4									
1986	870	-283.0	-793.9	-449.5	101.1	99.6	83.6	87.8	96.9
223.6									
1987	923	-290.4	-765.7	-492.4	100.4	99.4	83.8	87.7	96.4
213.9									
1988	1000	-288.5	-733.7	-507.3	100.1	99.1	84.6	88.1	96.5
203.1									
1989	1042	-284.1	-712.4	-507.6	99.7	98.7	84.8	88.9	96.6
208.5									
1990	896	-264.4	-661.6	-506.2	100.0	99.1	85.8	89.0	97.1
201.4									
1991	834	-257.2	-609.9	-519.2	99.2	98.6	86.6	89.2	97.4
189.3									
1992	1080	-255.8	-575.5	-518.6	98.3	98.3	87.0	89.1	97.4
177.1									
1993	851	-250.6	-556.1	-494.1	98.2	98.3	87.2	88.8	97.6
171.8									
1994	582	-241.7	-518.6	-474.8	97.8	97.9	87.2	89.2	97.7
173.3									
1995	582	-237.0	-462.3	-457.9	96.9	97.2	88.2	88.9	97.8
156.8									
1996	469	-231.8	-442.9	-447.0	96.7	97.0	88.3	89.3	97.9
159.0									
1997	293	-235.5	-462.5	-461.1	96.8	97.0	88.2	89.8	97.2
155.2									
1998	232	-237.2	-450.0	-460.3	96.9	96.9	88.9	90.6	96.4
160.6									
1999	206	-235.4	-461.1	-440.1	97.2	96.8	88.6	90.7	96.4
151.7									
2000	198	-235.0	-432.0	-444.8	96.7	96.2	88.6	90.8	96.2
153.6									
2001	171	-222.7	-403.8	-431.3	96.7	96.3	89.3	91.8	96.4
139.5									
2002	150	-234.4	-399.8	-485.4	94.7	96.3	89.3	91.2	97.4
153.3									
2003	153	-219.6	-373.7	-485.9	96.0	96.5	90.2	92.4	96.8
150.2									
2004	115	-209.3	-346.3	-456.6	96.0	96.3	89.6	91.4	96.9
148.5									
2005	112	-219.8	-350.2	-463.1	95.6	95.8	89.8	92.2	96.6
146.1									
2006	108	-212.7	-330.3	-443.5	96.4	95.1	91.0	92.3	96.6
117.2									
2007	87	-200.7	-291.6	-407.5	95.9	95.2	90.6	92.9	96.8
107.8									
2008	65	-199.6	-310.7	-391.8	96.1	95.6	91.1	93.5	96.1
81.8									

[Auteur]

2009 113.5	58	-189.9	-326.2	-377.6	96.3	96.8	90.8	93.6	96.8
2010 92.8	34	-186.6	-302.8	-307.7	96.3	96.2	92.2	93.7	96.4
2011 123.7	33	-167.0	-246.8	-293.1	95.9	96.1	92.3	92.8	97.1
2012 101.4	29	-170.0	-272.9	-322.7	97.2	96.4	94.3	92.9	97.7
2013 98.8	24	-155.6	-275.1	-240.4	97.5	97.3	92.6	94.3	97.5
2014 96.9	24	-133.2	-256.2	-197.2	98.3	97.6	94.4	93.2	98.4
2015 110.1	25	-139.0	-267.2	-249.8	98.5	97.6	93.5	93.7	98.8
2016 46.1	15	-85.1	-150.2	-190.1	99.3	97.7	97.5	94.8	99.1
2017 15.7	11	-95.5	-159.5	-184.3	99.8	98.9	92.6	95.4	98.1
2018 12.4	15	-50.4	-109.7	-45.1	100.3	98.9	96.5	95.5	99.5
2019 79.0	10	-77.0	-162.8	-139.3	99.3	98.5	96.2	97.0	99.5
2020 14.0	12	-52.8	-94.3	-75.7	99.4	99.4	102.0	101.0	99.3
2021 95.0	11	-71.0	-144.2	-167.9	99.5	99.6	97.0	96.0	99.4

Tabel: 45 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1985	13	95.5	95.9	99.5	99.3	93.8	97.2	94.2
1986	31	96.1	95.3	100.8	100.8	93.4	97.7	93.2
1987	31	95.1	95.0	99.8	99.6	92.7	97.2	93.5
1988	29	94.4	94.7	99.6	98.9	92.2	96.9	93.0
1989	59	95.2	94.7	100.4	100.3	92.4	97.3	92.8
1990	103	96.6	95.5	101.4	101.6	93.1	97.9	93.0
1991	151	96.8	95.3	101.4	101.8	93.3	97.4	93.7
1992	204	96.8	95.2	101.5	101.7	92.9	97.3	93.9
1993	156	96.9	95.3	101.6	101.7	93.0	97.1	94.2
1994	128	96.7	95.3	101.5	101.4	93.1	97.4	93.8
1995	161	96.7	95.0	101.6	101.3	93.0	97.0	93.8
1996	127	96.9	95.5	101.5	101.2	93.3	96.9	94.2
1997	71	96.1	95.5	100.8	100.4	93.0	96.5	94.0
1998	94	95.6	95.5	100.7	99.4	92.7	96.2	93.3

[Auteur]

1999	65	94.9	95.2	100.4	98.7	92.3	95.4	93.0
2000	63	95.6	96.7	100.3	98.9	93.2	96.0	93.5
2001	56	95.9	96.4	100.6	99.4	92.9	97.1	93.6
2002	48	95.4	96.6	99.9	98.4	92.9	96.3	94.1
2003	56	95.5	95.9	100.4	99.3	92.7	96.3	93.5
2004	38	94.7	96.5	98.9	98.3	93.6	95.0	94.3
2005	39	95.1	95.8	99.5	98.6	93.9	95.8	94.2
2006	50	95.8	96.8	99.4	99.0	94.5	96.8	94.7
2007	30	95.7	96.8	99.2	98.7	94.7	96.4	95.1
2008	19	94.6	95.6	99.1	98.8	93.6	96.8	93.5
2009	24	95.5	96.8	98.8	97.8	94.9	96.2	96.0
2010	19	95.3	96.4	98.6	98.9	94.7	95.9	95.7
2011	18	96.1	98.2	98.2	98.8	96.6	96.0	97.0
2012	14	96.9	97.7	99.5	99.8	96.4	97.3	95.7
2013	10	95.9	97.5	98.3	98.1	96.0	96.8	96.7
2014	15	98.1	98.7	99.4	100.2	97.6	97.4	97.3
2015	14	96.4	97.9	98.6	98.9	96.0	97.1	96.6

Tabel: 46 Holstein - Fries Hollands zwartbont:  
Levensvatbaarheidskenmerken  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	16	96.9	99.2	96.9	99.2	94.2	98.9
1982	26	95.7	98.7	95.7	98.7	93.2	99.2
1983	57	96.6	99.1	96.6	99.1	93.9	99.3
1984	49	96.7	99.0	96.7	99.0	94.1	99.3
1985	81	96.8	98.6	96.8	98.6	94.2	99.2
1986	115	96.6	98.4	96.6	98.4	94.2	98.8
1987	116	96.2	98.3	96.2	98.3	93.9	98.7
1988	148	96.0	98.9	96.0	98.9	94.0	99.1
1989	173	96.5	98.5	96.5	98.5	94.4	98.7
1990	184	96.7	98.5	96.7	98.5	94.9	99.0
1991	192	97.5	98.6	97.5	98.6	95.8	99.3
1992	297	97.8	98.8	97.8	98.8	96.1	99.6
1993	219	97.9	98.7	97.9	98.7	96.2	99.5
1994	182	98.2	98.6	98.2	98.6	96.5	99.5
1995	194	98.7	98.3	98.7	98.3	97.0	99.0
1996	178	98.9	98.5	98.9	98.5	97.5	99.5
1997	125	98.7	98.0	98.7	98.0	96.8	99.1
1998	117	98.1	97.6	98.1	97.6	96.1	98.3
1999	93	98.3	97.5	98.3	97.5	96.8	97.7
2000	82	98.4	97.4	98.4	97.4	96.5	97.9
2001	94	98.4	97.3	98.4	97.3	97.0	97.9
2002	74	99.0	97.8	99.0	97.8	97.4	98.2
2003	87	98.3	98.0	98.3	98.0	96.9	98.0

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2004	78	98.7	97.2	98.7	97.2	97.6	97.5
2005	74	98.7	97.1	98.7	97.1	97.0	97.7
2006	96	99.0	97.2	99.0	97.2	97.2	97.6
2007	74	98.7	97.6	98.7	97.6	97.5	97.6
2008	65	98.1	97.2	98.1	97.2	97.5	97.7
2009	53	98.1	97.8	98.1	97.8	97.0	98.7
2010	37	97.7	97.6	97.7	97.6	97.7	98.6
2011	40	97.9	98.0	97.9	98.0	98.2	98.0
2012	31	99.8	97.7	99.8	97.7	99.4	98.2
2013	29	98.7	98.3	98.7	98.3	98.4	98.7
2014	30	99.3	98.9	99.3	98.9	99.5	99.3
2015	31	99.9	99.0	99.9	99.0	99.5	99.4
2016	24	100.2	98.8	100.2	98.8	99.8	98.9
2017	17	99.2	98.3	99.2	98.3	98.8	98.9
2018	23	100.8	99.0	100.8	99.0	100.1	99.7
2019	20	100.5	99.2	100.5	99.2	99.6	100.1
2020	12	99.5	99.9	99.5	99.9	99.2	100.3
2021	12	101.0	98.5	101.0	98.5	100.3	99.2

Tabel: 47 Holstein - Fries Hollands zwartbont: Geboortekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	113	94.2	103.8	104.8	98.6	95.6	93.6
1981	191	94.1	103.8	104.7	97.7	95.1	95.3
1982	248	94.0	104.1	104.9	97.2	95.3	96.5
1983	463	93.6	104.7	105.1	96.8	95.9	96.4
1984	527	93.9	104.9	104.8	96.5	96.3	96.8
1985	731	94.1	104.6	104.3	96.6	96.3	96.1
1986	685	94.8	104.1	103.6	96.5	95.9	95.6
1987	617	94.5	104.4	103.8	95.5	97.0	97.3
1988	737	95.0	104.2	103.1	94.3	97.5	98.6
1989	796	95.9	104.7	102.4	94.8	96.7	97.8
1990	643	96.1	103.9	102.3	94.8	96.5	97.5
1991	528	96.8	102.7	101.4	94.4	96.9	97.8
1992	695	96.6	102.5	101.6	94.3	97.0	98.4
1993	486	96.1	102.7	102.1	94.3	97.2	98.8
1994	277	96.6	102.7	101.9	95.3	96.3	97.8
1995	265	96.5	102.2	102.0	94.8	96.0	98.2
1996	203	96.9	102.0	101.8	95.2	95.7	97.9
1997	134	96.1	103.3	102.5	95.3	95.8	97.1
1998	120	94.8	103.9	103.6	96.0	95.8	96.8
1999	87	95.4	104.3	103.3	95.9	95.0	96.7
2000	87	94.7	103.7	104.0	96.1	95.3	96.8
2001	76	94.2	103.7	104.4	96.8	96.5	96.5
2002	63	94.6	103.7	103.9	96.1	96.5	96.4

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2003	63	95.3	103.4	103.3	96.4	95.7	96.3
2004	50	93.6	103.6	104.8	97.6	95.8	95.4
2005	50	93.9	103.3	104.3	97.0	96.5	95.9
2006	58	94.2	103.1	104.2	96.7	95.7	97.1
2007	44	94.2	102.9	104.1	97.8	96.4	96.1
2008	42	93.6	103.1	104.7	97.9	96.5	96.6
2009	33	94.1	103.3	104.3	97.3	95.7	96.2
2010	25	93.8	103.4	104.6	97.9	97.4	96.8
2011	29	95.0	103.3	103.2	98.2	97.8	96.2
2012	19	95.8	102.1	102.8	98.6	97.4	96.1
2013	22	94.9	103.4	103.6	99.0	98.0	96.1
2014	20	96.2	103.0	102.7	99.8	97.7	96.1
2015	21	94.9	102.7	103.7	98.0	97.8	97.2
2016	16	96.6	104.9	102.4	100.1	98.0	96.1
2017	14	94.6	103.6	104.2	100.0	97.5	95.4
2018	11	95.4	101.9	103.0	100.5	100.4	96.3

Tabel: 48 Holstein - Fries Hollands zwartbont: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	11	107.3	117.6	93.4	104.2	114.2	96.7	105.5	97.5	114.2
98.0	105.4									
1981	25	106.6	116.2	92.6	103.6	112.8	96.3	104.9	98.0	113.1
97.0	104.9									
1982	29	105.7	114.4	94.1	103.2	111.0	96.9	104.6	97.5	111.6
98.2	104.1									
1983	78	105.4	114.9	93.7	102.6	111.7	96.9	104.0	97.3	112.5
97.8	103.6									
1984	83	104.9	114.0	93.5	102.4	110.9	96.4	103.9	97.4	111.3
97.3	103.1									
1985	129	105.0	113.9	94.0	102.1	111.3	96.5	103.8	97.4	111.6
97.6	102.9									
1986	153	104.6	112.7	94.1	101.7	110.2	96.4	103.6	97.4	110.6
97.5	102.8									
1987	161	104.6	112.0	94.8	101.6	109.5	96.9	103.5	98.1	109.8
97.9	102.6									
1988	198	103.9	110.8	95.4	101.3	108.4	97.1	103.0	98.2	108.8
97.9	102.0									
1989	239	103.4	110.8	95.3	100.6	108.6	96.9	102.4	97.9	109.3
97.4	101.7									
1990	235	103.1	109.2	96.2	100.0	108.0	96.6	102.4	97.8	108.0
98.0	100.9									

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1991	262	102.9	107.9	97.7	100.3	106.8	97.5	102.4	97.8	106.9
	98.7	101.7								
1992	382	102.7	107.4	97.5	100.4	105.9	97.6	102.3	98.1	106.3
	98.6	101.6								
1993	290	103.1	107.4	97.9	100.8	105.9	97.8	102.7	98.3	106.3
	98.7	102.2								
1994	217	102.9	106.5	98.6	100.2	105.8	97.8	102.6	98.4	105.9
	98.9	101.9								
1995	243	102.7	105.5	99.3	100.2	104.8	98.2	102.3	98.9	105.1
	98.8	102.2								
1996	230	102.4	105.2	99.4	100.4	104.4	98.5	102.2	98.6	104.7
	99.1	102.1								
1997	153	102.1	105.0	98.7	99.8	104.2	98.2	101.8	98.8	104.7
	98.7	101.3								
1998	141	101.8	104.3	99.1	99.2	104.0	98.1	101.5	99.0	104.5
	98.8	100.8								
1999	120	101.9	104.8	98.9	99.9	104.1	98.4	101.4	99.0	104.7
	99.1	101.1								
2000	128	101.8	104.4	99.0	100.0	104.0	98.5	101.5	98.9	104.3
	99.4	100.9								
2001	135	101.7	103.7	99.1	99.6	103.4	98.8	101.3	99.3	103.7
	99.6	100.6								
2002	119	101.6	103.5	99.1	99.4	103.3	99.1	101.0	100.0	103.4
	99.9	100.1								
2003	131	101.1	102.8	99.3	98.9	102.8	99.5	100.8	99.2	103.4
	99.6	100.3								
2004	106	100.9	102.3	99.5	99.2	102.1	99.4	100.6	99.7	102.8
	99.6	99.8								
2005	95	100.7	102.9	99.1	99.5	102.6	99.4	100.3	99.0	103.0
	99.5	99.6								
2006	101	100.8	103.2	98.8	100.0	102.6	99.8	100.2	99.6	103.2
	99.5	100.0								
2007	82	101.0	102.6	98.9	100.0	102.3	99.5	100.9	99.1	102.9
	99.5	100.2								
2008	60	101.2	102.8	98.7	100.4	102.8	99.4	101.0	99.0	103.0
	99.5	100.6								
2009	52	100.2	102.8	98.2	100.2	101.7	99.9	100.2	99.1	102.5
	99.9	99.7								
2010	33	101.3	103.0	97.8	99.7	103.2	98.7	101.2	98.8	103.2
	99.3	99.8								
2011	36	100.6	102.7	98.1	98.4	103.3	98.3	100.8	97.8	103.1
	99.2	98.6								
2012	29	100.4	102.1	99.3	98.2	102.7	98.4	101.1	97.5	102.2
	99.8	98.2								
2013	27	101.2	102.7	98.7	99.8	103.7	98.7	101.9	97.5	102.7
	99.9	100.0								
2014	23	100.8	102.6	98.7	98.9	103.2	98.6	101.7	96.8	102.6
	99.7	99.4								
2015	22	101.0	101.4	98.5	98.0	103.2	98.5	101.5	98.0	101.9
	99.4	98.8								

[Auteur]

Tabel: 49 Holstein - Fries Hollands zwartbont: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	16	96.9	99.2	97.1
1983	32	97.3	99.8	97.2
1984	24	97.0	99.8	96.8
1985	37	96.8	99.8	96.7
1986	70	96.6	99.3	96.9
1987	68	97.1	99.7	97.5
1988	88	97.4	99.8	97.6
1989	96	97.1	99.7	97.4
1990	103	97.2	99.8	97.6
1991	126	98.0	100.5	97.8
1992	161	98.2	100.7	98.0
1993	112	98.1	100.6	98.0
1994	126	98.0	100.7	97.9
1995	104	98.6	100.8	98.2
1996	96	98.8	101.1	98.4
1997	86	99.0	101.0	98.7
1998	89	98.5	100.4	98.4
1999	54	98.5	100.1	99.1
2000	64	98.6	100.2	98.9
2001	49	98.3	100.0	98.8
2002	43	98.3	100.3	98.7
2003	38	98.2	100.0	98.8
2004	40	98.2	100.2	98.4
2005	35	98.6	100.5	98.9
2006	40	97.0	99.0	98.2
2007	23	97.3	99.4	98.2
2008	28	97.2	99.6	97.7
2009	25	96.9	99.0	97.9
2011	14	97.7	100.3	97.4
2014	10	98.1	100.4	99.4

Tabel: 50 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	171	-4531.7	-15837.1	-687.8	-574.0

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2002	150	-4811.8	-16999.4	-729.5	-610.1
2003	153	-4753.8	-16760.1	-720.5	-602.9
2004	114	-4509.6	-15656.8	-685.7	-570.3
2005	113	-4574.7	-15837.2	-698.1	-576.8
2006	108	-4410.6	-15437.2	-674.4	-555.2
2007	86	-4102.5	-14209.1	-630.6	-514.1
2008	65	-4053.6	-13872.2	-620.2	-510.0
2009	58	-3994.9	-13703.2	-616.9	-498.7
2010	36	-3533.9	-11659.7	-547.9	-439.6
2011	35	-3283.4	-10871.1	-504.5	-411.6
2012	30	-3547.5	-12046.6	-544.0	-445.5
2013	27	-3113.3	-10718.6	-473.1	-394.0
2014	28	-2754.8	-9127.6	-425.2	-344.0
2015	27	-3070.1	-10274.6	-474.2	-383.1
2016	15	-2315.1	-8001.9	-348.9	-295.0
2017	11	-2236.6	-8351.6	-337.8	-284.5
2018	16	-1211.0	-3726.4	-179.1	-156.7
2019	11	-1969.4	-6254.3	-305.5	-244.8
2020	12	-1303.9	-4266.6	-197.8	-165.2
2021	11	-2053.2	-7207.3	-320.3	-254.0

Tabel: 51 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1984	13	96.5	86.9	104.2	92.7
1985	15	97.5	86.6	103.9	93.4
1986	28	98.3	85.2	103.9	93.4
1987	35	97.1	86.4	103.7	92.4
1988	39	97.6	86.1	103.1	92.4
1989	43	96.9	85.9	103.7	91.9
1990	49	96.7	85.2	102.9	90.6
1991	71	96.7	86.0	101.3	89.1
1992	93	96.1	86.9	100.9	89.0
1993	56	95.9	86.9	100.8	88.8
1994	53	95.9	87.1	101.0	88.8
1995	58	95.9	87.1	100.5	88.1
1996	36	96.1	87.7	100.5	88.7
1997	31	96.0	86.3	100.2	87.6
1998	27	95.6	86.6	101.1	88.4
1999	20	96.2	86.5	100.5	88.4
2000	27	96.7	87.1	100.9	89.6
2001	22	96.4	87.1	101.0	89.0
2002	17	97.2	87.2	99.3	87.6
2003	19	96.6	87.2	100.2	88.8
2004	11	98.5	87.7	99.2	90.0

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2005	15	96.1	87.0	99.6	87.5
2006	18	97.5	89.8	99.1	90.6
2007	15	97.5	88.8	100.5	90.6
2008	12	98.9	90.2	99.2	91.7
2009	11	97.5	91.0	99.1	90.9
2014	14	99.4	94.8	99.6	95.8

Tabel: 52 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	158	96.2	97.3	0	0.0	0.0	0	0.0
1981	299	95.8	97.4	0	0.0	0.0	0	0.0
1982	359	95.8	98.1	0	0.0	0.0	0	0.0
1983	663	95.7	98.2	0	0.0	0.0	0	0.0
1984	660	95.9	98.1	0	0.0	0.0	0	0.0
1985	899	95.8	97.8	477	-7.2	227.4	0	0.0
1986	870	95.8	98.2	407	-6.8	223.6	0	0.0
1987	923	95.4	97.8	365	-6.5	213.9	0	0.0
1988	1000	95.5	97.6	364	-6.1	203.1	0	0.0
1989	1042	95.4	98.2	479	-6.1	208.5	0	0.0
1990	896	95.7	98.2	420	-5.7	201.4	0	0.0
1991	834	95.7	98.7	427	-5.2	189.3	0	0.0
1992	1080	95.4	98.7	548	-4.9	177.1	0	0.0
1993	851	95.3	99.0	411	-4.7	171.8	0	0.0
1994	582	95.8	99.4	290	-4.6	173.3	0	0.0
1995	582	95.8	99.8	294	-4.0	156.8	0	0.0
1996	469	96.0	99.7	237	-4.0	159.0	0	0.0
1997	293	95.8	98.8	148	-4.1	155.2	0	0.0
1998	232	96.2	98.3	132	-4.2	160.6	0	0.0
1999	206	96.0	97.8	97	-4.1	151.7	0	0.0
2000	198	96.5	97.7	97	-4.0	153.6	0	0.0
2001	171	96.6	97.9	88	-3.6	139.5	85	90.9
2002	150	96.4	97.4	71	-3.8	153.3	70	90.3
2003	153	96.2	97.3	78	-3.7	150.2	77	90.3
2004	115	96.8	97.0	57	-3.4	148.5	56	90.1
2005	112	96.1	97.0	53	-3.5	146.1	53	90.9
2006	108	96.9	97.4	54	-3.0	117.2	54	92.8
2007	87	96.9	97.8	37	-2.9	107.8	35	92.9
2008	65	96.1	97.4	21	-2.6	81.8	21	95.1
2009	58	96.8	97.6	25	-3.0	113.5	25	93.1
2010	34	97.1	97.6	23	-2.4	92.8	23	94.7
2011	33	98.2	97.1	20	-2.6	123.7	20	92.3
2012	29	99.1	98.6	16	-2.5	101.4	15	94.0
2013	24	97.6	97.6	14	-2.9	98.8	14	96.3

[Auteur]

2014	24	97.5	97.8	19	-2.5	96.9	19	95.7
2015	25	98.1	98.2	15	-2.7	110.1	15	93.9
2016	15	98.9	98.1	7	-1.2	46.1	6	96.5
2017	11	100.5	100.2	7	-0.6	15.7	5	98.4
2018	15	101.7	98.5	5	-0.6	12.4	4	100.8
2019	10	98.5	98.2	4	-2.2	79.0	4	96.2
2020	12	100.6	100.0	2	-0.1	14.0	1	100.0
2021	11	100.9	98.6	1	-2.2	95.0	1	96.0

Tabel: 53 Holstein - Fries Hollands zwartbont:  
Stofwisselingsaandoeningen  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	13	99.5	1	96.0	1	96.0	13	97.2
1982	17	99.9	1	99.0	1	99.0	17	97.5
1983	41	100.0	0	0.0	0	0.0	41	97.7
1984	30	99.7	2	96.0	0	0.0	30	97.1
1985	47	99.8	3	97.7	2	98.5	47	97.8
1986	85	99.5	6	98.0	5	97.2	85	97.3
1987	81	100.0	4	101.5	4	98.0	81	97.5
1988	99	99.9	5	99.4	3	101.3	99	97.2
1989	125	99.5	11	97.9	6	99.2	125	96.6
1990	116	98.9	15	96.9	13	96.1	116	96.6
1991	136	99.0	43	99.7	42	97.7	136	95.4
1992	196	99.5	46	100.5	44	97.7	196	95.9
1993	144	99.6	30	99.8	30	97.3	144	95.8
1994	109	99.4	29	100.6	28	98.0	109	95.3
1995	131	99.5	34	99.6	34	97.6	131	95.0
1996	106	99.7	23	100.1	22	97.9	106	94.8
1997	74	98.8	17	98.9	16	96.5	74	94.7
1998	70	98.2	11	98.4	10	95.4	70	94.8
1999	50	98.6	11	99.9	11	98.2	50	95.0
2000	55	98.3	7	97.3	6	97.7	55	94.5
2001	61	99.0	7	98.9	6	99.5	61	95.3
2002	51	98.7	6	98.2	6	97.7	51	94.5
2003	56	98.4	3	100.0	3	99.7	56	93.1
2004	51	98.3	6	97.2	6	97.0	51	94.2
2005	43	98.8	4	97.8	4	95.2	43	94.2
2006	51	99.1	8	99.8	8	100.2	51	95.4
2007	44	99.2	6	101.2	6	98.3	44	95.1
2008	42	98.9	4	98.8	4	98.5	42	93.4
2009	46	99.7	4	100.0	4	98.2	46	95.8
2010	33	99.4	2	102.0	2	100.5	33	94.5
2011	33	99.8	5	99.2	5	101.0	33	96.7
2012	28	100.2	2	101.0	2	101.0	28	97.0

[Auteur]

2013	24	99.7	2	100.0	2	100.0	24	97.2
2014	23	99.9	7	99.3	7	100.3	23	97.3
2015	25	100.0	3	99.7	2	102.5	25	97.9
2016	14	100.2	1	100.0	1	101.0	14	98.3
2017	10	101.2	1	100.0	1	104.0	10	101.2
2018	15	100.7	1	102.0	1	102.0	15	100.0
2019	10	99.7	0	0.0	0	0.0	10	97.5
2020	11	100.1	0	0.0	0	0.0	11	98.8
2021	10	99.8	0	0.0	0	0.0	10	99.1

Tabel: 54 Holstein - Fries Hollands zwartbont: Reproductiestoornissen  
Basis: Melkdoel zwart  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1986	13	97.8	98.8	97.2	98.7	97.8	96.5
1987	17	98.5	99.1	98.0	99.8	97.5	96.8
1988	19	98.0	98.5	97.7	99.4	97.3	95.8
1989	24	97.9	98.2	97.6	99.2	97.4	96.2
1990	34	97.9	98.2	97.9	99.5	97.5	95.2
1991	57	97.8	98.8	96.8	99.3	96.7	96.1
1992	57	97.5	98.5	96.4	99.1	96.4	96.1
1993	38	97.6	98.4	96.8	99.1	96.9	96.1
1994	36	97.9	98.9	96.7	99.6	96.6	95.9
1995	40	97.3	98.3	96.3	99.4	96.1	95.1
1996	24	97.5	98.4	96.5	99.3	96.4	95.4
1997	23	97.0	97.9	96.0	98.5	96.5	95.4
1998	17	97.5	99.1	96.7	98.6	96.9	95.5
1999	12	98.1	98.7	97.2	99.9	96.8	96.8
2000	11	97.5	98.5	96.6	98.7	97.4	95.4
2006	10	101.1	101.6	100.7	101.7	100.0	98.9

Tabel: 55 Fries Hollands - zwartbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1194.4	-46.6	-50.7	-55.9	12.8	-12.5	-1.7	-358.0
1981	20	-1156.5	-43.8	-50.9	-54.0	15.2	-15.3	-1.5	-349.9
1982	15	-1100.3	-40.7	-49.1	-51.6	15.7	-15.7	-1.7	-333.3
1983	24	-1086.6	-39.0	-48.8	-50.8	17.6	-16.4	-1.4	-326.8
1984	19	-1035.3	-39.4	-47.6	-48.5	12.7	-17.4	-1.6	-323.0
1985	22	-1025.5	-39.9	-48.5	-48.1	11.1	-19.3	-1.6	-328.1
1986	19	-923.8	-30.3	-42.8	-43.5	20.5	-15.4	-1.8	-275.1

[Auteur]



1987	25	-853.8	-30.4	-39.4	-40.3	14.0	-13.8	-1.8	-261.0
1988	21	-1022.0	-36.0	-46.7	-47.9	17.6	-16.3	-1.6	-308.8
1989	22	-885.3	-34.9	-40.7	-41.7	8.3	-14.2	-1.7	-279.8
1990	22	-674.5	-25.5	-36.5	-32.1	8.5	-20.1	-1.9	-233.3
1991	29	-907.1	-34.7	-42.7	-42.7	10.2	-16.5	-1.7	-288.0
1992	20	-851.1	-26.4	-39.4	-40.2	21.1	-14.2	-1.8	-248.4
1993	26	-614.3	-24.1	-31.9	-29.3	6.3	-15.3	-1.7	-209.3
1994	16	-528.5	-13.6	-29.9	-25.4	17.6	-16.9	-1.9	-169.7
1995	29	-626.3	-20.4	-34.1	-29.9	13.7	-18.5	-1.8	-207.7
1996	20	-713.2	-31.1	-33.6	-34.0	1.2	-12.5	-1.9	-237.9
1997	16	-583.4	-24.6	-31.2	-28.0	2.6	-15.6	-1.9	-207.9
1998	11	-729.4	-25.2	-33.5	-34.6	13.1	-11.5	-1.7	-219.9
1999	13	-590.3	-18.9	-29.5	-28.2	12.1	-13.3	-1.7	-183.7
2000	18	-700.2	-21.1	-31.9	-33.1	17.8	-10.5	-1.5	-200.8
2001	22	-542.1	-20.5	-27.3	-24.1	7.2	-11.8	1.5	-178.9
2002	13	-251.5	-7.8	-21.8	-8.4	5.5	-20.2	4.9	-117.0
2003	17	-569.2	-19.9	-28.7	-26.8	9.5	-13.3	-0.9	-183.1
2004	18	-348.4	-11.9	-20.2	-15.9	5.6	-12.2	0.2	-122.8
2005	11	-700.2	-24.6	-28.7	-30.8	11.0	-5.3	2.9	-197.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 56 Fries Hollands - zwartbont: Exterieurkenmerken bouw  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	23	91.4	87.4	91.0	94.0	99.7	86.5	100.1
1981	22	90.1	88.9	90.8	92.8	100.9	87.6	100.0
1982	16	90.4	87.5	90.2	92.9	100.4	87.6	98.8
1983	21	91.0	87.4	90.9	94.1	99.4	87.1	99.0
1984	19	90.7	87.9	91.5	93.7	99.5	86.4	100.4
1985	21	91.8	87.8	91.6	94.6	99.1	86.2	100.6
1986	17	92.4	87.4	91.2	94.1	99.2	86.5	98.4
1987	21	90.3	88.3	91.2	93.5	99.7	86.0	98.9
1988	18	91.6	88.6	91.9	94.0	99.8	86.4	100.9
1989	16	92.6	88.1	92.1	94.9	99.1	85.7	99.8
1990	20	91.8	87.6	92.2	94.8	98.6	86.5	100.1
1991	22	92.0	87.9	92.4	94.8	98.7	86.2	100.0
1992	16	91.8	87.8	92.1	94.7	98.8	85.8	99.6
1993	21	92.2	86.8	92.8	96.2	96.8	85.5	100.3
1994	10	92.6	88.9	92.7	95.2	99.3	87.1	100.7
1995	19	92.7	87.5	92.3	95.5	98.2	86.1	101.2
1996	14	93.7	88.1	92.9	96.2	98.3	86.8	101.7
1997	12	92.8	87.8	92.4	95.0	98.9	86.7	100.2
2000	11	93.5	88.1	93.5	96.3	98.0	86.0	102.7
2001	14	93.8	88.0	93.1	96.3	98.0	86.9	100.6
2004	15	94.1	88.9	94.8	96.5	98.7	86.3	102.3

[Auteur]

Tabel: 57 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	23	91.6	98.9	97.8	93.7	90.6
1981	22	90.2	97.6	98.5	92.1	88.8
1982	16	91.1	98.3	98.1	91.8	90.1
1983	21	90.7	99.3	97.8	93.9	89.7
1984	19	91.4	99.8	97.1	92.4	89.9
1985	21	91.6	98.9	97.9	92.9	90.2
1986	17	91.4	97.0	98.9	94.4	89.9
1987	21	90.7	98.2	98.8	92.4	89.5
1988	18	92.1	98.2	98.2	93.2	90.8
1989	16	92.4	98.8	97.2	93.0	91.1
1990	20	92.8	98.9	98.5	94.8	91.6
1991	22	92.5	98.6	97.9	93.8	91.5
1992	16	92.4	98.9	97.9	94.6	91.2
1993	21	92.9	99.6	97.5	94.1	92.0
1994	10	92.6	98.8	98.3	94.4	91.7
1995	19	92.6	100.0	96.4	93.8	91.6
1996	14	92.8	99.6	97.2	94.4	91.9
1997	12	94.4	99.0	97.6	94.6	93.5
2000	11	93.3	98.1	97.9	95.2	92.5
2001	14	93.6	99.3	96.8	94.9	92.6
2004	15	94.7	99.1	97.9	94.7	93.9

Tabel: 58 Fries Hollands - zwartbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	23	98.6	96.9	100.9	100.8	96.0	96.0	95.8
1981	22	97.6	94.9	100.6	99.9	95.4	94.8	94.0
1982	16	98.4	95.8	99.6	100.6	95.6	95.0	94.3
1983	21	97.9	95.4	99.6	100.0	95.4	95.1	94.4
1984	19	97.8	95.1	99.3	100.2	95.6	95.5	94.4

[Auteur]

1985	21	98.0	96.0	99.7	100.2	95.8	95.0	94.7
97.5								
1986	17	99.4	96.5	99.0	102.2	96.5	96.1	95.4
97.6								
1987	21	98.4	96.9	99.3	100.3	96.6	96.4	96.1
97.8								
1988	18	99.0	97.0	100.5	101.3	96.4	96.2	96.2
98.3								
1989	16	98.9	97.6	100.6	101.1	96.6	96.3	96.7
98.0								
1990	20	99.0	98.0	99.0	100.7	97.1	96.7	96.5
97.7								
1991	22	99.1	97.8	100.1	101.0	96.9	96.7	96.7
98.2								
1992	16	99.4	98.7	98.8	101.6	97.6	98.2	97.8
98.1								
1993	21	98.2	98.5	99.0	100.1	96.7	97.4	97.8
97.6								
1994	10	99.5	99.1	98.2	101.3	97.6	98.5	97.8
97.9								
1995	19	99.2	98.8	99.5	100.9	97.4	97.3	97.2
98.1								
1996	14	98.8	98.1	99.7	100.4	97.4	97.1	96.8
97.9								
1997	12	98.8	99.0	99.2	101.0	96.8	98.3	98.2
98.2								
2000	11	98.7	99.8	99.4	100.9	97.6	98.5	98.9
98.3								
2001	14	100.5	100.2	97.8	102.5	98.0	98.3	97.9
97.9								
2004	15	100.9	100.5	99.0	102.3	99.5	99.6	99.5
99.5								

Tabel: 59 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	23	83.4	85.5	95.5	89.0	98.3	83.6
1981	22	83.9	84.5	93.7	86.8	99.6	81.4
1982	16	82.7	84.8	94.4	88.1	98.5	82.2
1983	21	83.2	84.7	94.0	87.9	97.6	82.0
1984	19	83.8	85.2	94.2	88.5	98.2	82.8
1985	21	84.1	85.5	94.4	88.6	97.9	83.0
1986	17	83.0	84.7	96.2	88.4	97.1	83.2
1987	21	82.8	84.4	95.9	87.8	97.9	82.7
1988	18	84.7	86.0	96.2	89.3	98.6	84.3

[Auteur]

1989	16	84.1	86.0	96.4	89.6	97.3	84.7
1990	20	84.2	86.1	96.7	90.2	97.2	85.2
1991	22	84.2	86.1	96.7	90.0	97.5	85.0
1992	16	83.8	85.8	98.2	89.9	97.0	85.6
1993	21	83.9	86.0	96.5	90.5	95.7	85.2
1994	10	85.6	87.1	98.2	90.3	98.0	86.5
1995	19	84.5	86.5	97.5	90.3	96.6	85.6
1996	14	86.1	87.3	96.9	90.5	97.1	86.2
1997	12	84.7	87.3	97.7	92.3	97.6	87.4
2000	11	86.1	87.8	98.3	91.1	97.1	87.3
2001	14	85.6	87.1	99.4	91.2	96.5	87.6
2004	15	87.1	89.4	100.5	92.8	98.3	89.8

Tabel: 60 Fries Hollands - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	26	102.8	99.2	99.1	99.6	99.4	99.0	89.6	99.0
99.1									
1981	27	102.9	99.0	99.0	99.6	99.4	98.5	90.2	98.9
99.0									
1982	21	103.0	99.0	99.4	99.6	99.4	98.9	90.7	99.0
99.0									
1983	28	102.6	98.6	98.6	99.1	99.1	99.0	89.5	98.4
98.6									
1984	23	103.1	97.1	98.1	98.0	99.0	98.6	89.7	97.3
98.0									
1985	22	102.1	99.1	98.8	99.3	99.0	98.5	91.1	98.7
98.6									
1986	21	103.3	99.3	100.0	100.2	100.4	99.5	92.2	99.7
99.9									
1987	28	101.7	98.5	98.1	98.5	98.3	97.4	90.0	98.0
97.8									
1988	22	102.4	98.3	98.6	98.9	98.8	98.3	90.0	98.2
98.4									
1989	22	102.4	98.4	98.6	98.8	99.0	99.3	91.0	98.3
98.6									
1990	24	102.2	97.8	98.5	98.3	98.9	98.6	90.5	97.9
98.2									
1991	29	101.9	98.0	98.1	98.2	98.4	98.2	90.4	97.8
98.0									
1992	22	102.1	99.0	99.3	99.0	99.2	98.6	91.5	99.1
98.8									

[Auteur]

1993	27	101.6	97.8	98.0	98.0	98.5	99.1	91.2	97.6
98.0									
1994	16	101.8	98.6	98.7	98.7	98.9	98.6	91.6	98.4
98.4									
1995	29	101.2	97.7	97.6	97.8	97.9	98.1	90.7	97.4
97.4									
1996	23	102.4	98.0	99.0	98.8	99.6	99.7	91.7	98.3
99.0									
1997	16	100.9	97.9	97.6	98.1	97.8	97.6	90.1	97.6
97.3									
1998	11	102.1	98.3	98.6	99.0	99.1	97.9	90.6	98.2
98.4									
1999	15	101.1	98.7	98.4	98.9	98.5	98.6	92.7	98.4
98.3									
2000	18	101.3	98.8	98.9	99.2	98.8	98.7	91.7	98.7
98.6									
2001	24	101.8	98.0	98.4	98.5	99.2	98.9	91.8	97.9
98.5									
2002	16	100.9	98.1	98.1	98.1	98.2	98.2	92.9	97.9
97.9									
2003	20	101.5	98.6	98.5	99.1	98.8	98.5	91.1	98.5
98.4									
2004	22	101.3	98.5	98.5	98.8	98.8	98.5	92.1	98.3
98.4									
2005	15	101.5	98.5	98.1	98.7	98.7	98.2	91.5	97.9
98.2									
2008	11	101.2	98.0	98.1	98.4	98.6	98.5	92.0	97.7
98.1									
2009	13	101.0	98.5	98.6	98.8	98.6	99.1	94.6	98.4
98.5									

Tabel: 61 Fries Hollands - zwartbont: NVI met onderliggende kenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	21	-190.2	-358.0	-62.8	104.1	99.1	95.5	89.0	98.4
0.0									
1981	20	-194.4	-349.9	-134.1	104.4	99.0	93.7	86.8	98.2
0.0									
1982	15	-194.2	-333.3	-205.9	103.7	99.0	94.4	88.1	97.9
0.0									

[Auteur]

1983 0.0	24	-211.2	-326.8	-251.8	103.3	98.6	94.0	87.9	98.2
1984 0.0	19	-213.0	-323.0	-267.6	103.0	98.0	94.2	88.5	97.2
1985 216.7	22	-220.5	-328.1	-425.8	102.9	98.6	94.4	88.6	97.8
1986 216.4	19	-174.4	-275.1	-287.2	104.2	99.9	96.2	88.4	97.2
1987 207.0	25	-201.9	-261.0	-441.0	103.4	97.8	95.9	87.8	97.7
1988 197.7	21	-210.0	-308.8	-440.0	103.5	98.4	96.2	89.3	98.4
1989 170.6	22	-200.1	-279.8	-437.2	100.7	98.6	96.4	89.6	98.3
1990 202.2	22	-183.8	-233.3	-326.7	102.1	98.2	96.7	90.2	99.1
1991 193.4	29	-185.8	-288.0	-388.8	102.7	98.0	96.7	90.0	98.7
1992 205.0	20	-187.8	-248.4	-408.6	101.6	98.8	98.2	89.9	97.9
1993 198.5	26	-176.4	-209.3	-351.9	101.3	98.0	96.5	90.5	98.7
1994 164.1	16	-153.2	-169.7	-353.4	102.1	98.4	98.2	90.3	98.7
1995 150.3	29	-149.9	-207.7	-343.8	101.7	97.4	97.5	90.3	98.8
1996 173.0	20	-160.7	-237.9	-296.8	101.2	99.0	96.9	90.5	98.8
1997 160.6	16	-155.2	-207.9	-247.0	101.0	97.3	97.7	92.3	99.1
1998 109.9	11	-147.4	-219.9	-368.2	101.6	98.4	98.8	90.2	98.6
1999 111.4	13	-142.6	-183.7	-294.2	101.2	98.3	95.7	90.2	99.9
2000 158.9	18	-148.3	-200.8	-310.9	101.1	98.6	98.3	91.1	99.4
2001 152.4	22	-131.6	-178.9	-240.1	100.7	98.5	99.4	91.2	98.7
2002 119.7	13	-114.1	-117.0	-247.1	100.8	97.9	99.2	90.0	99.4
2003 134.3	17	-126.8	-183.1	-264.4	101.1	98.4	100.1	92.3	98.7
2004 129.1	18	-109.6	-122.8	-220.3	100.2	98.4	100.5	92.8	99.1
2005 147.0	11	-135.5	-197.5	-358.6	101.3	98.2	99.4	91.1	99.8

[Auteur]

Tabel: 62 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	17	98.1	99.8	98.1	99.8	98.4	98.4
1981	18	98.4	99.2	98.4	99.2	98.9	98.6
1982	12	98.2	98.7	98.2	98.7	99.3	98.4
1983	17	98.2	99.2	98.2	99.2	98.9	98.4
1984	14	98.2	98.1	98.2	98.1	99.1	98.3
1985	15	98.7	98.9	98.7	98.9	99.2	98.3
1986	16	98.4	98.1	98.4	98.1	99.1	97.7
1987	21	98.4	98.3	98.4	98.3	99.5	98.8
1988	15	99.5	99.0	99.5	99.0	100.2	99.1
1989	18	98.8	99.2	98.8	99.2	100.3	98.2
1990	17	99.4	99.5	99.4	99.5	99.9	99.1
1991	20	99.1	99.3	99.1	99.3	100.0	98.6
1992	18	98.9	98.7	98.9	98.7	99.7	98.5
1993	23	99.5	99.1	99.5	99.1	100.5	98.8
1994	16	99.6	98.9	99.6	98.9	100.8	98.7
1995	20	99.5	99.0	99.5	99.0	100.2	98.5
1996	19	99.6	98.8	99.6	98.8	100.3	98.4
1997	14	100.2	98.8	100.2	98.8	101.6	98.3
1998	11	99.6	98.6	99.6	98.6	100.9	98.1
1999	10	100.2	100.0	100.2	100.0	100.8	98.9
2000	16	100.1	99.5	100.1	99.5	100.5	98.9
2001	19	99.4	98.9	99.4	98.9	100.4	98.4
2002	11	100.4	98.9	100.4	98.9	101.5	99.0
2003	13	99.4	98.8	99.4	98.8	100.5	98.3
2004	15	99.8	99.2	99.8	99.2	101.1	99.0
2008	10	100.5	99.1	100.5	99.1	100.9	98.5

Tabel: 63 Fries Hollands - zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	17	98.8	99.5	102.1	96.9	99.9	95.8
1981	21	98.7	99.5	102.0	97.9	98.9	95.2
1982	14	98.1	100.1	102.5	97.5	97.2	94.7
1983	17	99.6	99.1	101.4	97.1	98.7	95.6
1984	13	98.5	99.8	102.1	96.8	97.5	95.9
1985	15	98.5	99.3	102.1	97.0	99.0	96.8
1986	17	98.0	99.7	102.7	96.5	99.5	97.1
1987	16	98.7	98.5	101.9	97.8	99.6	96.1
1988	13	99.2	99.7	101.5	97.9	100.6	95.6

[Auteur]

1989	16	99.0	100.2	102.1	96.0	100.3	97.7
1990	13	99.9	99.5	101.4	97.5	100.2	96.8
1991	13	98.2	99.9	102.5	95.9	99.6	97.9
1992	13	99.4	99.9	101.7	96.1	99.5	97.4
1993	15	98.7	100.3	102.4	97.3	100.1	97.2
1995	17	98.9	98.8	101.9	97.4	99.5	96.5
1996	11	100.0	99.0	101.3	97.1	100.7	97.1
1997	12	99.8	99.4	101.6	98.1	99.6	96.6
1999	10	100.3	98.9	101.2	98.0	98.0	97.2
2000	13	98.5	99.6	102.5	97.6	100.2	97.5
2001	15	99.9	99.1	101.5	98.4	99.5	97.7
2003	11	100.5	98.4	100.7	97.8	95.5	95.2
2004	16	98.6	98.6	102.6	99.1	98.9	97.0
2005	10	99.7	98.5	101.6	98.7	98.1	96.0
2008	10	99.8	99.1	101.6	97.3	100.0	97.8

Tabel: 64 Fries Hollands - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	22	99.1	98.3	96.7	95.0	104.6	96.1	99.9	94.6	103.8
95.0	96.1									
1981	24	100.0	100.4	96.7	95.7	106.2	95.8	100.4	94.6	105.7
94.5	97.4									
1982	18	100.7	99.6	96.8	95.8	105.8	95.2	101.4	94.7	104.7
94.9	97.3									
1983	25	98.9	98.5	97.3	95.0	104.8	96.3	99.7	94.3	104.1
95.0	96.1									
1984	19	99.0	98.9	96.7	94.6	105.1	96.3	99.1	95.2	104.7
94.7	95.9									
1985	22	99.3	98.3	96.6	95.0	104.7	95.7	100.2	94.9	103.8
94.7	96.3									
1986	21	99.6	97.7	98.0	94.6	105.1	96.2	100.2	95.3	103.8
95.5	96.0									
1987	28	99.3	98.0	97.0	95.1	104.5	95.8	99.9	95.2	103.8
94.3	96.6									
1988	21	97.9	97.1	96.8	94.7	102.7	96.4	98.7	95.2	102.7
94.5	95.5									
1989	22	98.4	97.0	96.0	94.8	103.3	96.4	99.0	95.5	102.7
95.0	94.8									
1990	22	97.8	97.4	98.1	94.5	103.0	97.9	98.0	95.5	103.4
95.7	95.4									

[Auteur]



1991	28	98.5	97.4	97.0	94.6	104.2	96.8	99.3	94.6	103.2
95.6	95.2									
1992	20	97.8	96.7	97.3	94.3	102.8	97.2	98.8	95.0	102.7
95.3	95.3									
1993	26	97.1	95.7	97.9	93.5	102.0	97.7	97.6	95.5	102.0
95.8	94.2									
1994	16	97.8	98.4	97.6	95.0	103.7	98.2	97.8	95.4	104.2
96.2	95.4									
1995	28	98.4	97.7	98.7	94.6	104.1	98.0	98.9	95.0	103.7
96.9	95.5									
1996	22	97.3	95.5	97.8	93.8	101.5	97.6	98.1	95.6	101.6
95.4	95.0									
1997	16	97.1	97.3	98.2	94.4	102.6	98.6	97.6	94.7	102.9
96.7	94.7									
1998	11	97.6	98.7	97.4	94.4	104.6	97.1	98.2	93.8	104.5
95.6	94.9									
1999	14	97.1	96.5	97.9	94.9	101.1	98.6	97.9	95.6	101.9
96.6	95.2									
2000	18	97.7	96.7	98.1	95.4	102.3	98.5	98.3	95.5	102.4
96.7	95.8									
2001	21	97.0	96.5	97.9	94.6	101.9	98.0	98.3	94.2	102.1
96.0	95.2									
2002	16	97.0	95.8	99.4	93.2	102.1	98.4	97.6	95.2	102.2
96.5	94.6									
2003	19	96.6	96.3	97.5	94.1	102.1	97.9	97.4	94.6	102.0
95.8	94.3									
2004	22	96.5	96.0	97.5	94.6	100.5	98.5	97.4	95.4	101.5
96.0	95.0									
2005	13	97.7	98.0	97.4	94.5	103.4	97.2	98.1	95.3	103.6
95.5	95.2									

Tabel: 65 Fries Hollands - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18	97.7	97.3	100.4
1981	18	96.8	96.7	99.5
1982	15	97.1	96.7	99.8
1983	20	98.0	97.5	100.6
1984	15	97.2	96.7	100.1
1985	15	97.7	97.2	100.6
1986	18	98.5	98.1	100.4
1987	21	98.0	97.7	100.8
1988	16	98.4	97.9	100.9
1989	18	98.2	97.5	100.9

[Auteur]

1990	18	98.7	98.3	100.7
1991	20	98.2	97.8	100.5
1992	20	97.8	97.5	100.5
1993	27	98.6	98.0	100.9
1994	16	98.4	98.1	100.6
1995	26	98.6	98.3	100.6
1996	23	99.0	98.5	100.9
1997	16	98.8	98.5	101.1
1998	11	99.5	98.9	101.5
1999	14	99.2	98.5	101.1
2000	18	98.7	98.3	100.7
2001	22	99.0	98.5	100.7
2002	14	99.8	99.0	101.6
2003	19	99.3	99.0	101.0
2004	20	99.5	99.2	100.8
2005	13	99.1	98.5	101.2
2008	11	98.6	98.3	100.5
2009	12	98.3	98.2	99.8

Tabel: 66 Fries Hollands - zwartbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21	-2825.0	-10113.9	-409.0	-371.6
2002	15	-2739.8	-9666.7	-386.5	-367.5
2003	17	-3020.1	-10777.2	-437.9	-396.8
2004	17	-2471.0	-8952.5	-354.2	-327.5
2005	13	-3601.9	-13080.6	-533.4	-465.5

Tabel: 67 Fries Hollands - zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	21	96.1	100.9	0	0.0	0.0	0	0.0
1981	20	96.7	100.5	0	0.0	0.0	0	0.0
1982	15	96.7	100.2	0	0.0	0.0	0	0.0
1983	24	96.0	101.0	0	0.0	0.0	0	0.0
1984	19	97.3	99.8	0	0.0	0.0	0	0.0
1985	22	96.4	100.7	21	-4.0	216.7	0	0.0
1986	19	96.0	100.5	17	-3.8	216.4	0	0.0
1987	25	98.1	100.5	23	-3.5	207.0	0	0.0

[Auteur]

1988	21	96.5	100.8	18	-3.6	197.7	0	0.0
1989	22	95.9	99.7	19	-3.3	170.6	0	0.0
1990	22	96.6	99.3	19	-3.3	202.2	0	0.0
1991	29	96.3	99.9	25	-3.5	193.4	0	0.0
1992	20	96.5	99.2	17	-3.3	205.0	0	0.0
1993	26	96.8	99.9	24	-3.2	198.5	0	0.0
1994	16	96.4	99.8	11	-2.3	164.1	0	0.0
1995	29	98.2	99.9	27	-2.6	150.3	0	0.0
1996	20	95.5	98.8	18	-3.0	173.0	0	0.0
1997	16	97.6	99.6	14	-2.8	160.6	0	0.0
1998	11	97.4	99.1	10	-2.3	109.9	0	0.0
1999	13	96.1	98.8	9	-2.0	111.4	0	0.0
2000	18	96.2	99.7	14	-2.7	158.9	0	0.0
2001	22	97.4	99.5	19	-2.4	152.4	13	87.4
2002	13	96.9	97.9	13	-1.8	119.7	8	88.8
2003	17	96.5	100.1	13	-2.4	134.3	6	89.7
2004	18	96.5	100.1	17	-2.0	129.1	13	91.2
2005	11	96.9	99.7	12	-2.8	147.0	6	88.0

Tabel: 68 Fries Hollands - zwartbont: Stofwisselingsaandoeningen  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	15	99.9	0	0.0	0	0.0	15	95.9
1981	13	100.0	0	0.0	0	0.0	13	96.9
1983	10	100.0	0	0.0	0	0.0	10	96.1
1989	12	100.0	0	0.0	0	0.0	12	96.2
1990	12	100.0	0	0.0	0	0.0	12	96.5
1992	11	99.9	0	0.0	0	0.0	11	95.5
1993	14	99.9	0	0.0	0	0.0	14	95.4
1995	15	99.9	0	0.0	0	0.0	15	95.6
1996	12	99.9	0	0.0	0	0.0	12	95.8
1997	10	100.0	0	0.0	0	0.0	10	95.9
2000	12	100.0	0	0.0	0	0.0	12	96.2
2001	13	100.0	0	0.0	0	0.0	13	97.3
2003	11	100.0	0	0.0	0	0.0	11	95.8
2004	15	99.9	0	0.0	0	0.0	15	96.3

Tabel: 69 Maas Rijn IJssel: Melkproductiekenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
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[Auteur]

1981	22	-1549.5	-67.1	-61.5	-72.0	4.5	-8.8	-1.5	-465.9
1982	19	-1325.4	-57.9	-52.4	-61.8	2.4	-6.5	-1.5	-399.1
1983	23	-1615.4	-68.1	-63.5	-75.1	8.0	-8.1	-1.7	-477.2
1984	45	-1504.1	-64.0	-60.3	-69.9	6.1	-9.6	-1.4	-451.3
1985	25	-1389.5	-59.8	-55.4	-64.8	5.0	-7.8	-1.7	-417.4
1986	36	-1350.9	-57.5	-53.9	-63.0	5.9	-7.8	-1.5	-404.0
1987	49	-1304.4	-56.7	-54.9	-60.8	2.9	-13.0	-1.6	-406.4
1988	21	-1242.7	-51.7	-51.3	-58.0	7.6	-9.9	-1.7	-375.5
1989	18	-1373.5	-58.6	-51.9	-64.0	4.9	-2.7	-1.6	-399.2
1990	17	-1148.2	-42.5	-44.2	-53.6	16.5	-3.2	-1.5	-317.7
1991	17	-850.8	-33.6	-35.7	-40.1	7.7	-7.8	-1.8	-254.6
1992	20	-1053.2	-41.8	-40.9	-49.4	10.6	-3.4	-1.7	-300.9
1993	22	-822.2	-36.0	-33.7	-38.8	2.4	-5.9	-1.7	-252.8
1994	19	-656.7	-28.4	-31.2	-31.3	1.4	-11.5	-1.8	-219.4
1995	13	-686.2	-34.7	-30.4	-32.6	-6.7	-8.1	-1.8	-234.6
1996	19	-564.3	-24.2	-25.6	-27.1	2.9	-7.6	-1.9	-182.4
1997	20	-603.5	-25.6	-26.7	-28.9	2.5	-7.3	-1.8	-191.7
1998	16	-493.6	-25.2	-19.2	-23.8	-4.4	-1.9	-1.8	-158.5
1999	35	-523.6	-20.7	-19.9	-25.1	4.6	-0.7	-1.6	-147.6
2000	25	-368.8	-15.6	-16.2	-18.2	1.7	-4.2	-2.0	-116.6
2001	22	-237.3	-18.5	-12.9	-7.2	-12.4	-6.3	6.0	-110.9
2002	21	-211.5	-14.7	-10.0	-4.8	-7.0	-2.6	7.9	-87.4
2003	22	-291.8	-17.7	-12.0	-10.3	-7.1	-1.4	5.2	-104.6
2004	22	-390.8	-21.0	-15.5	-12.4	-5.7	-1.3	9.8	-129.7
2005	31	-425.4	-19.7	-14.5	-15.1	-0.5	2.2	8.1	-121.5
2006	24	-288.2	-20.1	-11.3	-7.3	-11.1	-0.7	10.0	-109.0
2007	25	-153.5	-10.7	-5.8	-3.6	-5.8	0.2	5.7	-56.9
2008	20	-100.0	-6.5	-3.0	-1.6	-2.5	1.4	4.7	-32.3
2009	22	92.0	-1.7	2.9	8.5	-8.3	-0.2	6.6	7.3
2010	13	177.8	11.6	7.8	9.3	6.5	2.2	1.7	68.6
2011	17	8.3	16.9	5.3	-1.3	28.2	8.8	-2.8	73.6
2012	14	17.5	14.9	3.7	-0.6	23.0	5.3	-2.4	60.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 70 Maas Rijn IJssel: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	10	89.0	94.3	90.4	90.3	104.9	99.3	97.8
1981	24	91.1	95.7	93.0	92.9	103.8	98.9	98.8
1982	19	91.4	96.7	94.3	93.5	103.9	99.7	99.6
1983	14	91.5	95.1	92.8	92.2	103.9	97.6	97.9
1984	35	92.1	94.9	93.3	93.5	102.6	99.7	98.5
1985	19	93.2	95.7	94.3	94.2	102.7	99.4	99.3
1986	27	92.6	95.4	93.5	93.8	102.3	98.9	98.2
1987	29	93.1	95.3	93.6	93.8	102.8	99.2	99.1

[Auteur]

1988	13	91.7	95.8	94.5	94.2	102.6	99.2	98.5
1989	15	92.3	97.9	95.6	94.1	104.3	100.5	99.1
1990	13	93.0	95.0	94.5	93.6	102.0	100.5	99.7
1991	15	93.5	95.3	95.1	93.9	102.1	100.0	98.5
1992	12	95.6	97.1	97.5	96.2	102.0	99.8	100.5
1993	20	95.2	96.6	95.6	95.2	101.8	98.4	98.3
1994	14	94.4	96.9	95.9	95.6	101.5	97.8	99.6
1995	11	96.5	97.5	97.5	96.5	100.7	99.5	101.1
1996	17	95.4	97.1	96.2	95.0	102.4	100.9	100.0
1997	19	96.4	95.6	96.9	96.8	100.1	98.6	99.3
1998	15	96.1	98.2	98.1	97.7	100.5	99.4	99.3
1999	29	96.2	97.5	97.1	97.3	100.2	99.4	97.7
2000	20	97.7	98.2	97.5	96.9	101.1	100.0	100.5
2001	18	97.6	98.4	98.8	98.7	100.0	99.9	100.1
2002	15	98.3	97.5	98.5	98.2	100.2	99.9	100.0
2003	17	98.1	97.5	97.6	97.8	99.8	98.4	98.8
2004	13	100.5	99.2	100.0	99.6	100.3	100.8	100.8
2005	14	98.9	98.8	98.9	98.9	100.1	99.4	100.4
2006	11	99.4	99.5	98.9	98.5	100.4	101.9	100.9
2007	15	99.9	98.7	98.9	98.9	100.0	100.3	101.5
2008	14	98.9	98.9	98.6	99.1	99.4	99.6	101.6

Tabel: 71 Maas Rijn IJssel: Exterieurkenmerken beenwerk  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	10	89.8	101.2	98.4	94.1	89.2
1981	24	91.2	99.5	100.2	93.1	90.8
1982	19	91.7	102.3	97.7	95.5	91.9
1983	14	91.9	100.4	99.2	95.0	91.3
1984	35	92.9	98.3	99.9	96.9	92.5
1985	19	92.1	99.7	98.4	95.9	91.8
1986	27	94.7	97.6	99.9	97.0	94.0
1987	29	93.0	100.3	98.3	96.2	92.5
1988	13	91.9	99.1	98.5	96.0	92.2
1989	15	91.9	100.5	97.1	95.9	92.3
1990	13	91.0	101.5	95.8	94.9	91.4
1991	15	91.9	101.1	97.4	96.1	92.1
1992	12	94.3	100.4	99.0	96.5	94.0
1993	20	94.9	98.5	99.5	95.7	94.8
1994	14	94.1	100.6	98.4	96.4	93.7
1995	11	95.0	99.7	98.8	97.4	95.1
1996	17	95.0	98.6	100.0	97.3	94.5
1997	19	94.5	101.7	97.2	97.5	94.5
1998	15	95.1	100.9	98.0	97.4	94.9
1999	29	96.1	101.1	98.8	97.7	95.7

[Auteur]

2000	20	96.0	99.3	100.7	99.0	95.9
2001	18	96.4	100.8	99.1	98.4	95.7
2002	15	95.5	101.8	99.1	98.9	95.9
2003	17	96.4	100.5	99.6	98.2	96.5
2004	13	97.2	99.3	100.9	98.3	96.6
2005	14	97.9	100.2	101.2	100.2	97.2
2006	11	96.8	100.9	99.5	98.9	96.1
2007	15	96.7	99.0	100.3	99.0	96.2
2008	14	97.4	101.1	99.6	98.4	97.0

Tabel: 72 Maas Rijn IJssel: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1980	10	95.2	90.5	100.4	96.8	92.9	93.3	90.9
95.5								
1981	24	95.4	92.0	102.1	96.5	92.8	92.9	91.5
95.2								
1982	19	93.9	90.9	103.4	95.1	91.6	92.3	90.9
95.1								
1983	14	95.9	91.9	103.9	96.7	93.9	92.5	91.3
96.2								
1984	35	95.2	90.8	104.2	96.2	93.9	92.6	90.9
96.8								
1985	19	95.8	91.9	104.5	96.5	94.4	92.7	91.7
97.0								
1986	27	96.3	92.1	104.9	96.6	94.9	93.1	92.1
97.1								
1987	29	96.1	92.3	102.8	97.0	94.0	93.9	92.3
96.3								
1988	13	94.8	91.8	103.3	94.8	93.1	93.3	91.6
95.1								
1989	15	94.4	92.2	103.5	95.1	92.3	93.3	92.0
95.6								
1990	13	95.4	92.6	105.9	96.2	93.6	93.6	92.5
97.6								
1991	15	96.3	95.6	104.8	96.6	94.7	93.8	93.7
97.8								
1992	12	96.6	94.0	103.2	96.8	94.6	93.7	92.2
96.4								
1993	20	96.9	94.2	103.2	97.3	94.6	94.5	93.5
95.8								
1994	14	95.6	93.1	103.7	96.3	95.3	93.7	92.5
97.6								

[Auteur]

1995	11	97.5	96.0	103.3	98.0	96.4	96.4	95.8
97.9								
1996	17	96.1	95.4	102.7	96.9	94.9	95.1	94.9
96.6								
1997	19	95.3	94.5	103.4	96.3	93.8	94.2	94.3
97.2								
1998	15	96.1	93.9	103.7	96.5	95.2	93.7	92.8
97.4								
1999	29	96.1	95.3	104.4	96.4	95.8	95.7	95.3
97.0								
2000	20	97.0	95.3	103.8	97.9	96.2	95.5	95.5
98.0								
2001	18	96.1	95.1	103.6	96.7	94.8	94.7	94.5
97.2								
2002	15	97.1	94.9	102.7	98.1	95.3	95.9	95.1
97.2								
2003	17	98.4	97.2	101.8	99.3	97.0	97.0	96.7
97.5								
2004	13	96.8	96.0	103.0	98.2	96.5	96.2	96.4
98.4								
2005	14	98.8	98.4	101.8	100.0	98.6	97.5	97.8
100.0								
2006	11	95.8	95.5	103.2	98.1	96.2	96.4	96.5
98.6								
2007	15	98.3	97.4	102.5	99.1	97.9	96.8	97.1
99.1								
2008	14	96.4	98.1	104.4	97.9	98.6	98.6	98.6
100.9								

Tabel: 73 Maas Rijn IJssel: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	89.3	86.6	89.1	87.7	104.8	81.5
1981	24	91.8	89.3	89.2	89.5	103.3	83.5
1982	19	93.5	90.7	87.2	90.3	103.9	83.8
1983	14	90.6	88.7	89.4	89.9	103.0	83.6
1984	35	92.0	89.2	88.8	90.9	101.9	84.5
1985	19	93.5	89.8	89.7	89.9	102.5	84.6
1986	27	92.0	89.7	90.1	92.3	101.6	86.1
1987	29	92.8	89.6	90.3	91.0	102.4	85.4
1988	13	92.6	89.8	88.6	90.2	102.5	84.1
1989	15	94.8	92.1	88.3	90.7	104.5	85.0
1990	13	93.8	88.9	89.8	89.2	102.9	84.1
1991	15	93.5	89.5	91.5	90.3	101.7	85.6
1992	12	96.7	93.3	91.1	92.8	102.4	88.2

[Auteur]

1993	20	94.0	91.7	91.8	93.5	101.3	88.3
1994	14	94.4	92.1	90.6	92.6	101.1	87.2
1995	11	97.3	93.5	94.1	93.9	101.9	90.7
1996	17	96.2	92.7	92.4	93.2	102.1	89.1
1997	19	95.0	91.7	90.8	93.1	99.9	87.9
1998	15	96.9	93.9	91.1	93.9	100.6	89.3
1999	29	95.4	92.9	92.6	94.8	100.2	90.1
2000	20	97.7	94.0	93.4	95.2	101.0	91.3
2001	18	98.1	94.8	91.9	95.1	100.6	90.9
2002	15	97.4	94.2	93.1	94.7	100.3	90.9
2003	17	96.2	93.6	96.0	95.8	99.6	92.5
2004	13	100.5	96.4	94.2	96.1	101.3	93.4
2005	14	98.5	96.1	97.2	97.0	100.5	94.9
2006	11	100.0	95.5	93.5	95.5	101.2	92.4
2007	15	99.5	95.4	96.2	95.4	101.1	93.4
2008	14	98.9	95.9	96.3	96.6	99.9	94.2

Tabel: 74 Maas Rijn IJssel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980	14	102.6	100.4	100.1	100.7	100.0	99.8	85.9	100.4
100.3									
1981	26	103.4	99.6	99.6	100.1	100.0	100.5	86.9	99.5
100.0									
1982	23	102.6	99.2	99.0	99.4	99.3	101.2	86.4	99.0
99.4									
1983	37	101.4	101.1	99.5	100.9	99.4	99.9	85.2	100.3
99.8									
1984	60	101.6	100.8	99.4	100.7	99.5	100.2	86.1	100.1
99.8									
1985	31	100.6	101.4	99.2	100.9	98.8	99.4	87.2	100.2
99.5									
1986	40	100.6	100.5	98.8	100.0	98.5	99.2	87.3	99.5
99.0									
1987	52	101.6	100.9	99.7	100.8	99.6	100.6	87.6	100.3
100.0									
1988	21	100.8	99.8	98.0	99.5	98.2	99.2	87.0	98.7
98.5									
1989	18	100.9	100.1	98.4	99.5	98.6	100.1	87.8	99.1
99.1									
1990	17	102.3	98.8	98.5	98.9	99.2	101.1	87.1	98.4
99.2									

[Auteur]



1991	17	100.8	99.1	97.8	98.2	98.2	99.9	90.0	97.9
98.5									
1992	20	100.8	99.9	98.7	99.2	98.8	99.6	89.6	99.1
99.0									
1993	22	100.7	100.0	99.1	99.7	99.2	100.2	90.8	99.5
99.5									
1994	19	100.5	97.8	97.2	97.2	97.8	99.9	89.9	96.8
97.7									
1995	13	101.3	99.5	99.1	99.4	99.5	100.2	90.8	99.3
99.5									
1996	19	99.9	100.2	98.8	99.4	98.7	99.1	92.6	99.4
98.9									
1997	22	98.1	100.2	97.1	98.5	96.5	97.5	92.2	98.2
97.3									
1998	20	100.5	99.0	98.5	98.5	98.5	99.7	92.5	98.5
98.6									
1999	36	99.6	98.7	98.1	98.3	98.2	99.7	93.9	98.2
98.3									
2000	27	98.6	99.3	97.4	98.1	97.2	98.5	94.3	98.1
97.7									
2001	25	99.3	98.6	97.6	97.9	97.6	99.4	94.4	97.9
97.9									
2002	21	98.5	99.1	97.6	98.0	97.5	99.3	94.4	98.1
98.0									
2003	24	99.3	98.7	98.1	98.1	98.0	99.2	96.2	98.2
98.2									
2004	27	98.3	99.9	97.9	98.8	97.5	97.9	96.1	98.7
98.0									
2005	33	99.1	99.6	98.2	98.9	98.3	99.3	95.3	98.6
98.6									
2006	26	98.8	99.3	97.7	98.3	97.9	99.6	95.7	98.2
98.2									
2007	31	98.8	98.8	97.9	98.2	97.6	98.4	96.6	98.0
97.7									
2008	22	98.8	99.6	98.6	98.8	98.5	99.9	98.8	98.9
98.9									
2009	24	99.8	98.3	98.1	98.0	98.3	99.2	97.5	97.9
98.2									
2010	13	100.0	99.8	99.6	100.0	99.8	98.8	99.6	99.7
99.6									
2011	16	100.6	99.7	100.1	100.0	100.4	99.0	99.2	99.9
99.9									
2012	16	99.6	100.1	99.6	99.8	99.1	97.8	99.2	99.9
98.9									
2014	10	97.7	99.7	98.7	98.9	98.0	98.2	102.4	99.0
98.1									

[Auteur]

Tabel: 75 Maas Rijn IJssel: Gebruikskennmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	96.0	93.9	98.1	101.9	102.3
1981	25	98.1	94.5	97.0	101.1	101.6
1982	19	98.7	94.7	95.4	99.5	99.7
1983	14	96.9	92.6	97.5	101.8	102.0
1984	32	97.7	93.7	96.1	99.9	100.6
1985	19	97.5	93.2	96.1	99.8	100.5
1986	28	97.4	93.3	96.5	99.7	100.5
1987	25	96.9	93.8	97.3	101.0	101.0
1988	13	98.9	92.6	95.3	99.4	100.1
1989	15	97.9	93.3	95.9	99.7	101.0
1990	13	98.1	91.8	97.1	100.5	100.8
1991	15	98.0	94.2	96.5	99.9	100.2
1992	15	98.7	94.3	95.8	98.8	99.7
1993	20	99.3	96.8	97.0	100.2	100.1
1994	14	97.7	93.1	95.9	99.4	99.2
1995	11	98.9	95.0	96.1	98.6	98.9
1996	17	99.1	96.1	96.5	98.9	99.6
1997	19	98.7	94.6	96.5	98.8	99.7
1998	15	98.1	95.3	94.2	96.8	97.5
1999	29	98.3	95.7	95.7	98.0	98.5
2000	20	99.3	97.8	97.2	99.6	99.5
2001	18	97.9	95.0	96.8	99.0	99.2
2002	15	99.1	96.9	97.9	100.0	99.5
2003	17	99.4	97.2	96.5	98.8	98.6
2004	14	99.3	98.5	97.0	98.6	98.6
2005	16	99.2	97.0	95.2	97.5	97.2
2006	14	98.9	96.5	95.7	97.9	98.3
2007	21	99.2	98.0	97.0	98.6	99.0
2008	13	98.4	98.8	97.0	98.7	99.4
2009	20	99.2	97.8	98.2	99.6	99.3
2010	13	101.1	99.2	98.4	99.7	98.8
2011	14	100.6	99.5	97.7	99.1	98.6
2012	14	99.8	99.5	97.9	99.1	98.5

Tabel: 76 Maas Rijn IJssel: NVI met onderliggende kenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									

[Auteur]

1981	22	-255.1	-465.9	-338.7	101.6	100.0	89.2	89.5	96.7
0.0									
1982	19	-248.9	-399.1	-321.5	99.5	99.4	87.2	90.3	96.2
0.0									
1983	23	-238.6	-477.2	-297.3	102.2	99.8	89.4	89.9	96.5
0.0									
1984	45	-247.6	-451.3	-467.2	100.4	99.8	88.8	90.9	97.1
0.0									
1985	25	-240.5	-417.4	-407.1	100.3	99.5	89.7	89.9	96.9
103.9									
1986	36	-234.9	-404.0	-440.9	100.2	99.0	90.1	92.3	96.7
103.1									
1987	49	-212.1	-406.4	-383.3	101.1	100.0	90.3	91.0	96.4
100.3									
1988	21	-239.4	-375.5	-454.6	99.8	98.5	88.6	90.2	96.3
97.2									
1989	18	-257.9	-399.2	-583.2	100.6	99.1	88.3	90.7	96.8
65.2									
1990	17	-230.2	-317.7	-443.9	100.7	99.2	89.8	89.2	95.6
81.1									
1991	17	-212.6	-254.6	-411.4	100.1	98.5	91.5	90.3	96.1
76.3									
1992	20	-214.7	-300.9	-494.4	99.2	99.0	91.1	92.8	96.4
40.5									
1993	22	-174.0	-252.8	-380.2	100.3	99.5	91.8	93.5	96.6
59.6									
1994	19	-192.3	-219.4	-398.7	99.2	97.7	90.6	92.6	97.3
60.3									
1995	13	-167.2	-234.6	-345.0	98.5	99.5	94.1	93.9	97.1
35.7									
1996	19	-149.5	-182.4	-264.1	99.3	98.9	92.4	93.2	97.4
47.2									
1997	20	-186.4	-191.7	-298.1	99.2	97.3	90.8	93.1	97.2
64.5									
1998	16	-178.0	-158.5	-326.8	96.9	98.6	91.1	93.9	96.8
36.0									
1999	35	-146.4	-147.6	-220.5	98.1	98.3	92.6	94.8	97.0
49.6									
2000	25	-130.7	-116.6	-205.5	99.4	97.7	93.4	95.2	97.7
25.3									
2001	22	-135.5	-110.9	-162.4	99.0	97.9	91.9	95.1	97.4
30.6									
2002	21	-114.8	-87.4	-120.8	99.6	98.0	93.1	94.7	97.8
32.3									
2003	22	-110.8	-104.6	-133.5	98.6	98.2	96.0	95.8	97.7
44.6									
2004	22	-127.4	-129.7	-194.1	98.5	98.0	94.2	96.1	97.1
4.5									

[Auteur]

2005	31	-117.2	-121.5	-170.8	97.1	98.6	97.2	97.0	97.8
17.5									
2006	24	-115.0	-109.0	-126.8	97.8	98.2	93.5	95.5	97.9
9.8									
2007	25	-90.3	-56.9	-49.4	98.6	97.7	96.2	95.4	97.7
9.8									
2008	20	-67.7	-32.3	-48.8	98.9	98.9	96.3	96.6	98.0
18.1									
2009	22	-44.4	7.3	-13.5	99.3	98.2	96.6	98.2	97.7
3.8									
2010	13	5.7	68.6	82.1	99.0	99.6	105.0	99.0	98.9
20.6									
2011	17	2.5	73.6	132.6	98.7	99.9	99.0	100.3	99.4
-2.1									
2012	14	-17.5	60.8	15.1	98.6	98.9	98.0	102.0	98.7
-8.0									

Tabel: 77 Maas Rijn IJssel: Klauwgezondheidskenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	11	96.3	95.9	100.6	100.5	96.2	96.8	95.1
1993	12	94.6	96.2	98.2	97.2	97.6	95.7	96.3
1996	10	93.8	95.8	98.2	98.1	96.1	95.5	95.0
1997	11	95.4	96.9	99.2	98.6	96.1	96.5	96.1
1998	12	96.4	96.9	100.2	99.4	96.7	97.2	96.0
1999	23	95.7	96.7	99.2	99.0	97.4	96.9	96.0
2000	15	96.7	97.9	99.4	99.3	98.3	97.5	97.1
2001	14	96.6	97.8	99.6	99.1	97.9	97.3	96.9
2002	13	96.6	98.0	99.2	98.7	98.1	97.6	97.5
2004	11	97.7	98.4	99.5	99.7	99.2	99.3	98.0
2005	15	97.9	98.9	100.1	99.8	98.8	98.7	97.7
2006	13	96.6	99.0	99.2	99.1	98.7	96.8	97.7
2007	17	98.6	99.5	100.0	99.6	99.4	98.1	99.0
2008	11	96.9	98.8	98.9	99.4	98.5	97.0	97.9
2009	19	97.8	98.7	99.6	100.4	98.9	98.9	97.9
2010	13	99.0	98.8	99.7	100.3	98.6	99.2	99.3
2011	14	97.4	99.7	98.1	98.4	98.6	97.9	100.8
2012	14	97.6	99.0	99.1	99.4	98.8	99.0	100.4

Tabel: 78 Maas Rijn IJssel: Levensvatbaarheidskenmerken  
 Basis: Dubbeloel  
 Land: VL

[Auteur]

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	21	96.4	99.3	96.4	99.3	97.9	100.4
1982	19	95.5	99.6	95.5	99.6	96.9	99.9
1983	12	96.1	98.5	96.1	98.5	97.0	99.8
1984	25	96.2	99.5	96.2	99.5	97.5	100.4
1985	16	97.0	98.9	97.0	98.9	97.8	99.8
1986	23	96.3	99.4	96.3	99.4	97.3	99.7
1987	22	96.0	99.0	96.0	99.0	97.6	99.4
1988	11	96.6	99.1	96.6	99.1	98.0	99.4
1989	17	96.8	99.1	96.8	99.1	97.9	99.4
1990	13	95.7	98.8	95.7	98.8	97.1	98.6
1991	17	96.2	99.0	96.2	99.0	97.5	99.4
1992	20	96.5	98.9	96.5	98.9	97.7	99.4
1993	22	96.8	99.1	96.8	99.1	99.9	99.8
1994	19	96.5	99.7	96.5	99.7	97.8	99.8
1995	13	96.5	99.8	96.5	99.8	98.2	99.5
1996	18	97.3	99.3	97.3	99.3	98.8	99.9
1997	22	97.1	99.3	97.1	99.3	98.0	99.9
1998	20	96.7	99.2	96.7	99.2	98.0	99.3
1999	36	96.8	99.1	96.8	99.1	98.9	99.1
2000	27	98.6	98.8	98.6	98.8	100.1	99.7
2001	25	98.0	98.9	98.0	98.9	99.7	99.8
2002	21	97.8	99.4	97.8	99.4	99.8	99.6
2003	24	98.2	98.9	98.2	98.9	100.4	99.2
2004	27	97.3	98.9	97.3	98.9	99.1	99.1
2005	33	98.1	99.1	98.1	99.0	100.0	99.8
2006	26	98.1	99.5	98.1	99.5	100.0	100.2
2007	33	97.8	99.3	97.8	99.2	99.7	99.3
2008	22	98.0	99.5	98.0	99.5	100.4	100.0
2009	24	97.6	99.2	97.7	99.1	99.8	99.1
2010	14	97.4	100.5	97.4	100.5	99.8	100.2
2011	16	97.1	101.4	97.1	101.3	100.8	101.6
2012	18	96.9	100.7	97.2	100.7	99.6	100.1
2014	10	97.3	100.3	97.5	100.2	100.1	100.6
2015	10	98.7	100.8	98.7	100.7	101.8	101.1

Tabel: 79 Maas Rijn IJssel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	95.2	101.5	104.4	97.8	99.1	99.9
1981	25	96.0	100.4	104.0	99.0	97.8	98.9
1982	20	94.2	101.7	105.4	98.6	99.1	99.2
1983	16	96.5	101.7	103.7	99.2	98.8	99.2

[Auteur]

1984	39	96.7	101.1	103.5	99.3	99.2	99.8
1985	23	96.7	100.8	103.5	99.2	99.7	100.0
1986	33	97.4	100.8	102.5	98.2	100.1	100.4
1987	36	96.5	101.1	103.4	98.3	99.5	100.1
1988	15	97.0	101.3	103.2	99.8	98.3	98.1
1989	18	95.7	101.3	104.1	99.3	99.3	98.6
1990	14	95.9	102.1	103.9	99.1	99.3	98.5
1991	17	96.4	103.6	103.7	97.5	100.3	102.2
1992	20	97.0	102.2	103.5	98.7	100.0	100.5
1993	22	98.4	100.0	101.7	96.8	100.1	101.7
1994	18	97.2	101.1	103.1	99.2	99.6	99.5
1995	12	97.1	102.0	103.0	98.6	100.4	99.9
1996	18	99.9	101.1	100.7	98.7	100.7	101.3
1997	20	97.4	101.2	102.5	99.3	100.0	98.6
1998	18	96.8	101.5	103.0	97.8	99.9	100.8
1999	35	98.7	100.6	101.5	97.5	101.0	101.5
2000	26	99.2	100.5	101.3	97.8	100.8	101.7
2001	25	98.1	99.5	102.0	99.0	100.3	100.2
2002	21	97.3	100.3	103.5	101.1	100.2	100.0
2003	24	97.7	100.2	102.7	98.4	101.9	101.8
2004	26	96.8	99.5	103.1	98.1	101.4	101.5
2005	32	98.1	99.2	102.1	98.8	100.0	100.2
2006	24	97.9	100.2	102.1	98.8	100.2	100.4
2007	29	98.7	100.0	101.5	97.1	101.9	102.5
2008	21	97.1	100.9	103.4	98.7	100.5	101.8
2009	24	98.4	99.7	102.1	97.1	102.0	102.4
2010	14	100.1	98.8	100.4	97.9	101.3	100.8
2011	15	100.7	98.9	100.1	101.3	98.4	96.3
2012	16	98.6	98.7	101.8	98.9	100.4	99.0
2014	10	98.9	100.1	101.3	96.8	101.5	101.9
2015	10	99.5	99.6	101.7	97.9	101.7	101.7

Tabel: 80 Maas Rijn IJssel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	10	106.7	108.6	96.9	101.7	112.1	94.6	105.1	98.6	110.5
96.5	104.0									
1981	24	105.7	108.0	98.1	102.3	109.7	97.0	103.7	99.9	108.9
98.0	103.9									
1982	19	105.9	106.8	98.4	101.7	109.6	96.4	104.4	99.5	108.3
98.1	103.7									

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1983	13	104.8	107.2	96.8	101.8	109.2	96.8	103.3	99.6	108.5
		97.1	103.5							
1984	28	104.6	105.8	96.5	101.3	108.5	96.4	103.4	99.5	107.0
		97.5	102.8							
1985	17	105.4	106.7	96.7	102.4	108.4	97.3	103.7	100.2	107.6
		97.9	103.8							
1986	24	104.9	105.3	96.3	101.5	108.2	95.9	103.5	99.9	106.6
		96.5	103.1							
1987	23	105.8	106.7	97.2	103.0	109.0	96.5	104.7	99.3	107.5
		97.9	104.0							
1988	13	104.8	105.8	98.1	101.4	108.5	97.6	103.0	99.7	107.5
		98.2	103.3							
1989	17	106.4	106.8	96.2	102.8	109.8	96.1	104.8	100.2	108.2
		96.9	104.6							
1990	14	103.6	106.4	96.9	101.9	107.4	97.9	102.6	98.3	107.1
		98.1	103.3							
1991	17	102.8	103.9	97.7	100.9	104.9	97.5	101.6	100.2	104.2
		98.0	101.3							
1992	20	105.5	105.8	98.0	103.0	107.0	97.5	103.8	101.1	105.9
		98.3	103.9							
1993	22	104.8	104.8	99.1	102.0	107.0	97.5	103.6	100.9	105.0
		99.5	102.2							
1994	17	104.4	103.1	99.1	101.4	105.6	97.4	103.2	100.6	104.0
		98.9	102.1							
1995	13	102.8	102.1	99.4	100.8	104.1	98.1	102.4	99.8	102.8
		99.2	101.3							
1996	19	103.4	103.8	98.8	101.6	105.4	97.6	102.4	100.1	104.3
		99.0	102.0							
1997	22	102.0	102.3	98.3	100.7	103.9	98.5	100.7	100.1	103.3
		98.8	101.8							
1998	20	102.2	101.7	99.3	101.2	103.5	98.5	101.5	100.0	102.1
		99.3	101.8							
1999	36	102.2	101.6	100.0	100.9	104.0	98.9	101.6	99.9	102.0
		100.5	100.3							
2000	27	101.3	102.1	98.7	101.7	102.3	99.0	100.7	99.6	101.6
		99.8	100.7							
2001	25	100.9	100.8	100.1	101.0	101.4	99.4	100.8	99.7	100.5
		100.7	100.1							
2002	21	102.4	101.8	99.9	101.6	102.7	98.4	101.7	101.2	101.4
		100.0	101.0							
2003	24	101.4	101.5	99.6	101.7	102.0	99.7	100.5	100.6	101.4
		99.9	100.9							
2004	27	100.6	102.3	98.1	102.7	101.3	99.3	100.6	98.7	101.0
		99.3	101.6							
2005	30	101.3	102.3	98.7	101.7	103.3	98.4	101.4	98.3	101.9
		98.4	101.4							
2006	23	101.8	101.7	99.3	101.0	103.2	98.5	101.3	99.8	101.3
		99.3	100.3							
2007	24	100.7	100.4	98.5	101.0	101.3	99.0	100.7	99.3	100.4
		98.7	101.0							

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2008	19	100.1	100.3	99.6	100.6	101.1	99.7	99.8	99.5	100.3
		99.4	99.9							
2009	23	99.8	100.3	99.6	100.7	100.8	99.3	100.0	98.2	100.0
		99.5	99.8							
2010	13	97.5	98.2	98.3	100.3	97.4	100.6	97.9	99.2	98.2
		99.2	98.9							
2011	15	98.5	99.6	98.7	101.0	98.3	100.1	98.0	100.2	99.0
		99.0	99.6							
2012	14	98.3	100.2	98.7	101.4	98.4	100.8	98.4	99.5	99.4
		99.4	100.6							

Tabel: 81 Maas Rijn IJssel: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	20	95.2	95.7	102.5
1982	18	94.6	95.6	102.1
1983	10	95.3	95.9	102.5
1984	21	95.1	96.0	102.5
1985	15	94.9	95.6	102.2
1986	19	94.2	95.3	101.4
1987	22	95.1	95.9	102.0
1988	11	94.6	95.0	102.5
1989	17	95.0	95.6	102.7
1990	13	95.0	95.8	102.0
1991	17	94.7	95.8	101.8
1992	20	94.9	95.5	102.0
1993	22	95.1	96.0	101.8
1994	18	95.2	96.1	102.2
1995	13	95.4	96.6	101.5
1996	18	95.5	96.6	101.7
1997	22	95.7	96.8	101.7
1998	20	96.0	96.8	102.0
1999	36	96.5	97.5	101.8
2000	27	96.7	97.8	102.1
2001	25	96.7	97.7	102.2
2002	21	96.4	97.5	101.2
2003	24	98.0	98.6	101.8
2004	27	97.7	98.6	101.3
2005	33	97.5	98.3	100.9
2006	26	96.8	97.9	100.9
2007	33	97.5	98.1	102.0
2008	22	97.4	98.1	101.4
2009	24	99.1	99.0	102.5
2010	14	100.3	100.5	101.1

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2011	16	99.1	100.1	98.8
2012	18	99.8	100.0	100.2
2014	10	99.4	99.2	100.6
2015	10	98.6	99.0	100.3

Tabel: 82 Maas Rijn IJssel: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	22	-2104.4	-7413.6	-325.0	-262.6
2002	21	-1701.9	-6072.0	-262.4	-212.7
2003	22	-1852.6	-6729.5	-285.9	-231.4
2004	22	-2203.2	-7969.6	-337.0	-277.2
2005	31	-2031.8	-7510.9	-313.3	-254.0
2006	24	-1639.7	-5782.3	-261.0	-199.2
2007	25	-650.1	-2258.9	-105.2	-77.8
2008	20	-1031.6	-4006.3	-161.7	-127.1
2009	22	365.0	1770.8	45.8	52.9
2010	13	1953.9	7314.5	300.8	244.5
2011	16	1738.4	5401.7	288.7	202.9
2012	14	1494.5	5558.1	242.9	178.1

Tabel: 83 Maas Rijn IJssel: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1981	10	91.9	92.5	100.0	88.7
1984	10	93.7	89.2	99.2	87.2
1986	11	94.6	89.2	99.5	88.2
1991	11	92.7	88.6	97.9	85.4
1993	11	95.5	91.5	98.6	90.0
1997	13	94.7	91.9	98.5	88.6
1999	24	97.1	91.9	99.5	91.7
2000	17	95.5	91.5	99.2	90.4
2001	12	94.3	94.2	99.4	90.8
2002	12	95.5	92.6	97.6	89.8
2003	12	97.3	93.3	98.7	92.4
2005	13	97.2	92.8	97.8	91.2
2006	10	96.4	92.9	98.2	91.1
2007	15	98.1	94.8	99.2	94.3
2009	15	96.1	95.3	98.3	92.6
2010	11	99.9	96.8	99.1	97.1

[Auteur]

2011	13	101.7	97.9	99.2	99.5
2012	11	98.7	98.1	98.9	96.5

Tabel: 84 Maas Rijn IJssel: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1981	22	94.9	99.2	0	0.0	0.0	0	0.0
1982	19	96.3	100.5	0	0.0	0.0	0	0.0
1983	23	96.3	100.0	0	0.0	0.0	0	0.0
1984	45	96.0	99.5	0	0.0	0.0	0	0.0
1985	25	96.7	99.7	19	-3.4	103.9	0	0.0
1986	36	96.5	100.1	27	-3.3	103.1	0	0.0
1987	49	96.7	99.5	29	-3.0	100.3	0	0.0
1988	21	95.1	98.8	13	-2.9	97.2	0	0.0
1989	18	95.4	99.0	15	-3.0	65.2	0	0.0
1990	17	96.2	98.6	13	-2.3	81.1	0	0.0
1991	17	95.1	99.4	15	-2.3	76.3	0	0.0
1992	20	93.5	98.0	13	-2.0	40.5	0	0.0
1993	22	95.5	98.8	20	-2.0	59.6	0	0.0
1994	19	96.1	97.7	14	-1.6	60.3	0	0.0
1995	13	97.0	98.5	11	-1.7	35.7	0	0.0
1996	19	97.6	99.2	18	-1.5	47.2	0	0.0
1997	20	96.5	99.0	19	-1.7	64.5	0	0.0
1998	16	95.7	98.5	15	-1.2	36.0	0	0.0
1999	35	96.7	97.5	29	-1.2	49.6	0	0.0
2000	25	98.6	99.9	20	-0.7	25.3	0	0.0
2001	22	97.0	99.4	18	-0.7	30.6	18	97.9
2002	21	97.9	99.2	15	-0.8	32.3	15	98.0
2003	22	97.0	98.1	17	-1.0	44.6	17	97.0
2004	22	97.3	98.5	14	-0.3	4.5	14	100.3
2005	31	96.6	97.8	15	-0.4	17.5	15	98.9
2006	24	96.3	98.3	13	-0.4	9.8	13	99.7
2007	25	96.5	98.4	21	-0.3	9.8	21	99.7
2008	20	97.1	97.7	14	-0.3	18.1	14	98.8
2009	22	98.6	98.3	20	0.1	3.8	19	99.8
2010	13	97.9	99.5	13	0.2	20.6	13	98.4
2011	17	97.9	98.1	15	0.4	-2.1	14	100.0
2012	14	97.0	98.1	13	0.4	-8.0	13	100.8

Tabel: 85 Maas Rijn IJssel: Stofwisselingsaandoeningen  
Basis: Dubbeldoel  
Land: VL

[Auteur]

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	15	99.6	0	0.0	0	0.0	15	94.8
1982	14	100.0	0	0.0	0	0.0	14	95.8
1984	19	99.9	0	0.0	0	0.0	19	96.3
1985	14	99.9	0	0.0	0	0.0	14	96.0
1986	21	100.1	1	104.0	1	101.0	21	96.4
1987	17	99.6	0	0.0	0	0.0	17	94.8
1989	15	99.9	0	0.0	0	0.0	15	96.5
1990	11	100.0	0	0.0	0	0.0	11	98.0
1991	16	100.0	0	0.0	0	0.0	16	97.1
1992	14	100.0	0	0.0	0	0.0	14	97.1
1993	18	99.8	0	0.0	0	0.0	18	95.3
1994	14	99.8	0	0.0	0	0.0	14	95.4
1995	12	100.0	1	101.0	0	0.0	12	97.4
1996	18	99.9	0	0.0	0	0.0	18	96.6
1997	17	100.1	1	102.0	1	101.0	17	97.2
1998	14	99.9	0	0.0	0	0.0	14	96.9
1999	31	99.9	0	0.0	0	0.0	31	97.0
2000	22	100.5	4	103.8	2	100.5	22	97.6
2001	19	99.9	0	0.0	0	0.0	19	96.6
2002	18	99.9	1	102.0	1	98.0	18	96.4
2003	18	99.9	2	101.5	3	99.0	18	96.1
2004	15	100.3	3	103.3	2	96.5	15	98.1
2005	24	100.1	2	102.5	0	0.0	24	97.0
2006	20	99.8	0	0.0	0	0.0	20	96.7
2007	22	99.8	1	102.0	2	97.0	22	96.6
2008	17	99.9	0	0.0	0	0.0	17	97.8
2009	22	100.2	5	101.6	3	100.0	22	98.7
2010	13	100.5	4	102.8	6	98.8	13	98.8
2011	17	100.2	3	103.0	5	99.4	17	98.9
2012	14	99.8	0	0.0	2	100.0	14	98.7

Tabel: 86 Maas Rijn IJssel: Reproductiestoornissen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1993	10	101.9	101.1	101.1	101.8	101.3	101.6
1999	18	100.7	99.8	100.0	100.7	100.2	100.5
2000	13	99.8	98.5	99.1	100.0	99.9	100.2
2001	12	100.4	99.0	99.8	100.4	100.5	101.2
2002	11	100.9	99.7	100.0	101.0	100.7	100.5
2005	14	100.5	99.5	99.8	100.4	100.2	100.6
2007	13	100.6	99.6	99.8	100.8	99.8	100.5
2009	13	101.0	99.6	100.1	101.2	100.5	101.3
2010	10	99.6	98.3	98.7	99.8	99.6	100.1

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2011	12	100.5	99.3	99.9	100.4	100.5	100.8
2012	10	99.7	98.1	99.1	99.9	100.0	100.1

Tabel: 87 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2528.9	-102.0	-97.5	-114.3	20.5	-11.5	1.6	-725.3
1985	22	-2547.8	-103.7	-98.7	-115.1	18.9	-12.0	1.6	-735.6
1986	51	-2492.8	-99.5	-98.2	-112.5	23.5	-14.1	1.7	-720.8
1987	163	-2563.7	-104.3	-100.2	-115.8	19.6	-13.7	1.7	-743.9
1988	318	-2532.6	-102.9	-97.9	-114.4	19.5	-11.5	1.6	-729.9
1989	496	-2518.2	-99.5	-95.9	-113.7	24.6	-8.8	1.7	-711.1
1990	779	-2532.6	-97.9	-95.8	-114.4	28.8	-7.5	1.7	-705.5
1991	1281	-2385.2	-88.8	-86.3	-107.6	31.9	-0.5	1.7	-637.3
1992	1712	-2262.1	-86.7	-83.6	-102.0	25.9	-3.2	1.6	-619.5
1993	1969	-2218.5	-87.4	-83.5	-100.0	21.2	-5.8	1.7	-621.6
1994	2565	-2120.3	-78.8	-78.1	-95.5	27.2	-2.8	1.6	-572.5
1995	2734	-2045.5	-76.0	-75.2	-92.1	26.1	-2.4	1.6	-551.6
1996	2482	-1959.2	-72.9	-73.5	-88.2	24.7	-4.4	1.6	-534.7
1997	2251	-1805.6	-68.0	-68.1	-81.2	20.9	-4.7	1.6	-496.9
1998	2165	-1760.2	-68.4	-66.9	-79.1	17.4	-5.1	1.6	-492.9
1999	1783	-1724.4	-66.0	-64.4	-77.5	18.2	-3.3	1.6	-475.1
2000	1298	-1530.9	-62.4	-59.6	-68.6	10.3	-6.3	1.6	-443.4
2001	1176	-1382.8	-61.3	-54.4	-61.8	2.1	-6.4	1.6	-417.9
2002	929	-1239.2	-57.2	-50.2	-55.4	-0.9	-7.6	1.5	-387.8
2003	846	-1177.8	-50.3	-46.4	-53.7	4.3	-5.5	-0.1	-350.6
2004	824	-1056.5	-42.9	-42.2	-48.2	7.4	-5.1	-0.0	-310.0
2005	732	-847.2	-39.8	-36.9	-39.3	-1.2	-8.1	-0.9	-278.1
2006	651	-810.5	-37.4	-34.8	-36.8	0.1	-6.8	0.1	-261.9
2007	604	-819.8	-30.7	-31.0	-36.9	9.4	-1.5	0.6	-225.6
2008	487	-808.3	-29.7	-29.8	-36.6	9.7	-0.6	0.4	-217.4
2009	447	-739.6	-31.1	-29.9	-32.9	3.4	-4.0	1.1	-221.8
2010	285	-772.5	-34.2	-30.1	-33.8	1.5	-2.7	1.9	-232.3
2011	244	-709.8	-30.6	-27.5	-30.6	2.4	-2.1	2.3	-209.9
2012	176	-738.6	-32.5	-28.0	-32.5	1.7	-1.4	1.6	-217.8
2013	243	-590.9	-29.4	-23.8	-26.3	-2.9	-2.8	0.9	-190.6
2014	131	-566.7	-29.0	-23.4	-24.7	-3.4	-3.4	1.5	-187.9
2015	91	-517.7	-27.0	-20.6	-21.9	-4.0	-2.1	2.3	-169.7
2016	93	-458.1	-26.0	-17.9	-17.9	-5.8	-1.2	3.7	-154.9
2017	76	-409.3	-24.4	-17.1	-16.2	-6.7	-2.4	3.1	-146.6
2018	63	-140.4	-9.3	-7.4	-4.3	-2.8	-2.4	2.7	-60.0
2019	46	-334.4	-17.0	-11.9	-12.3	-1.7	0.7	3.8	-102.0
2020	37	-93.3	-10.4	-5.5	-1.5	-6.9	-2.1	3.5	-54.8
2021	27	-33.0	0.0	-0.1	-0.4	2.7	1.8	1.4	-0.6

[Auteur]

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 88 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	13	86.9	95.2	90.4	89.0	102.6	96.3	96.5
1986	32	87.0	93.9	89.3	88.1	102.9	96.2	95.7
1987	70	85.9	94.5	89.1	87.7	103.2	98.0	95.1
1988	176	86.4	95.0	89.2	87.5	103.8	98.1	96.1
1989	328	86.7	95.1	89.4	87.7	103.4	98.2	95.4
1990	498	87.2	95.3	89.9	88.1	103.3	97.9	96.1
1991	800	87.4	95.1	90.5	88.8	102.0	97.9	95.4
1992	1078	88.2	95.2	90.7	88.9	102.1	97.8	96.3
1993	1173	89.0	95.7	91.3	89.3	102.4	97.5	97.2
1994	1483	89.3	96.9	92.7	90.1	102.8	97.8	97.9
1995	1496	89.5	97.1	93.5	90.9	102.4	98.0	98.0
1996	1353	89.8	97.4	94.1	91.4	102.5	98.1	98.0
1997	1247	90.3	97.6	94.7	92.1	101.7	98.5	97.9
1998	1120	91.1	97.6	95.4	92.7	101.6	98.5	97.7
1999	903	91.1	97.5	95.1	92.5	101.4	98.3	97.8
2000	629	91.9	97.4	95.0	92.6	101.3	98.7	97.7
2001	548	92.4	97.5	94.9	92.4	101.1	98.4	97.8
2002	483	92.9	97.5	95.1	92.8	100.9	98.3	97.5
2003	431	93.5	98.4	96.3	93.9	101.0	99.6	96.9
2004	398	93.7	99.2	97.6	95.2	100.7	99.4	97.3
2005	332	93.9	99.4	97.8	95.3	100.4	100.1	97.7
2006	319	94.3	100.3	98.4	95.6	101.0	100.1	97.9
2007	281	94.0	101.1	98.8	96.0	101.5	100.8	96.8
2008	260	94.3	100.4	98.4	95.9	101.1	101.0	96.8
2009	240	94.8	100.1	98.3	96.0	101.2	101.4	96.3
2010	135	95.3	99.9	98.6	96.1	100.8	101.5	97.8
2011	134	95.9	99.8	98.6	96.0	100.6	101.4	98.0
2012	86	96.2	98.6	98.4	96.3	99.7	101.2	97.9
2013	118	95.9	99.1	97.9	96.0	100.0	100.9	98.2
2014	67	96.6	99.2	98.1	96.0	100.2	99.4	98.4
2015	42	97.0	99.9	98.8	96.1	100.2	101.0	98.7
2016	48	97.2	99.5	98.7	96.6	100.4	100.8	98.3
2017	31	97.7	100.7	98.8	96.6	101.5	101.3	98.9
2018	32	97.5	101.2	98.9	97.9	101.8	100.7	100.2
2019	18	98.6	99.0	98.0	97.4	100.5	100.7	100.3
2020	16	98.7	100.2	98.4	97.4	101.8	101.2	99.6

Tabel: 89 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood

[Auteur]

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	13	87.5	104.8	95.1	92.5	86.7
1986	32	88.7	103.8	95.5	92.4	87.3
1987	70	89.7	103.0	95.0	93.0	88.7
1988	176	90.6	102.7	95.6	93.3	89.7
1989	328	90.7	102.6	95.9	93.8	89.6
1990	498	90.8	102.8	95.9	93.6	89.9
1991	800	89.7	104.7	94.5	92.8	88.7
1992	1078	90.1	104.1	95.1	92.7	88.9
1993	1173	90.8	103.9	95.6	93.5	89.8
1994	1483	89.4	104.3	94.3	93.1	89.0
1995	1496	89.6	104.5	94.1	93.2	89.3
1996	1353	90.6	104.4	94.5	93.8	90.1
1997	1247	91.2	104.5	94.6	94.1	90.6
1998	1120	91.7	105.8	94.0	94.0	91.1
1999	903	92.3	105.1	94.7	94.5	91.6
2000	629	92.7	104.7	95.5	95.1	92.1
2001	548	93.0	104.0	96.6	95.2	92.4
2002	483	92.6	103.8	96.7	94.9	92.1
2003	431	93.0	103.2	97.0	96.2	93.1
2004	398	93.4	103.8	96.3	96.4	93.5
2005	332	93.0	104.2	95.6	96.4	93.5
2006	319	93.8	103.6	96.1	97.6	94.3
2007	281	94.8	102.2	97.0	99.0	95.9
2008	260	94.8	102.0	97.1	99.0	96.0
2009	240	94.8	101.8	97.4	99.1	96.1
2010	135	94.8	102.1	97.3	98.4	95.7
2011	134	96.0	101.7	98.3	98.7	97.1
2012	86	96.1	101.8	98.3	98.1	97.2
2013	118	96.8	101.2	98.7	98.5	97.5
2014	67	96.8	101.4	98.8	98.1	97.5
2015	42	96.7	101.8	98.5	98.2	97.1
2016	48	96.3	102.1	98.5	98.3	97.2
2017	31	97.0	101.0	99.9	99.3	97.7
2018	32	97.8	101.3	100.2	99.9	97.9
2019	18	97.8	101.5	99.3	98.6	98.4
2020	16	98.7	100.4	100.5	98.9	99.0

Tabel: 90 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								

[Auteur]

1985	13	88.2	87.0	102.1	90.5	86.5	90.2	88.8
92.8								
1986	32	90.0	89.0	101.8	91.8	87.8	91.2	90.0
93.9								
1987	70	88.7	87.8	102.5	90.6	87.3	91.1	89.5
93.7								
1988	176	88.8	88.6	103.2	90.7	87.0	90.9	89.6
93.9								
1989	328	88.7	88.6	103.1	90.7	87.1	90.6	89.4
94.0								
1990	498	88.5	88.6	102.1	90.7	86.9	90.3	89.1
93.7								
1991	800	88.8	88.3	101.7	90.3	86.8	90.3	88.8
92.0								
1992	1078	89.2	88.3	101.5	90.8	87.0	90.1	88.9
92.3								
1993	1173	89.7	89.0	101.2	91.4	87.3	90.5	89.5
92.8								
1994	1483	89.4	90.2	100.3	90.3	86.3	91.1	90.5
91.2								
1995	1496	89.4	90.4	100.3	90.1	86.5	91.7	91.0
91.4								
1996	1353	89.3	90.9	100.6	89.9	87.0	91.9	91.2
92.3								
1997	1247	89.2	90.9	100.4	90.0	87.8	91.9	91.0
92.8								
1998	1120	89.0	90.7	100.6	89.8	88.1	92.3	91.1
92.9								
1999	903	89.3	91.3	100.5	90.2	88.7	92.9	91.8
93.5								
2000	629	89.7	91.6	100.8	90.8	89.3	93.5	92.6
93.8								
2001	548	90.1	91.2	101.7	91.2	89.7	93.7	92.1
93.4								
2002	483	90.0	91.0	101.2	90.9	89.9	93.5	91.8
93.2								
2003	431	91.0	92.5	100.5	91.6	90.5	94.1	92.8
93.8								
2004	398	91.3	93.5	100.6	91.3	90.9	95.1	94.2
94.3								
2005	332	91.3	93.4	101.2	91.1	91.4	95.0	94.4
94.8								
2006	319	91.9	93.8	100.8	91.8	91.6	95.2	94.6
94.9								
2007	281	91.9	94.7	99.7	91.6	91.1	95.0	94.4
94.4								
2008	260	92.2	95.2	99.5	92.3	91.7	95.4	95.0
95.0								
2009	240	92.4	95.4	99.5	92.7	91.9	95.7	95.3
95.2								

[Auteur]

2010	135	92.6	95.4	99.5	93.2	92.6	96.1	95.9
95.5								
2011	134	93.2	96.2	99.5	94.0	93.0	96.7	96.7
95.4								
2012	86	93.9	96.7	99.5	94.5	94.2	97.8	97.6
96.0								
2013	118	94.0	96.5	99.5	94.7	93.8	97.3	97.3
95.3								
2014	67	94.5	96.7	99.9	95.0	94.3	97.5	97.7
95.7								
2015	42	94.3	96.8	100.6	95.0	94.5	97.5	97.5
96.6								
2016	48	95.5	97.3	100.6	96.4	95.2	98.4	98.4
96.9								
2017	31	96.2	97.4	99.9	97.5	95.1	98.4	98.3
96.9								
2018	32	97.7	96.9	100.8	98.5	96.4	97.8	97.1
98.0								
2019	18	97.6	98.9	101.3	98.0	97.9	99.6	99.2
98.8								
2020	16	98.4	97.2	100.1	99.4	97.6	98.3	97.4
98.3								

Tabel: 91 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken  
bovenbalk

Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	13	87.7	91.8	84.7	85.2	0.0	79.0
1986	32	87.3	90.5	86.9	86.0	0.0	80.5
1987	70	86.8	90.4	85.7	87.4	0.0	80.4
1988	176	87.3	91.1	85.7	88.7	0.0	81.2
1989	328	87.6	90.9	85.6	88.7	0.0	81.2
1990	498	88.1	91.5	85.3	88.9	0.0	81.5
1991	800	88.5	91.1	85.3	87.2	0.0	80.7
1992	1078	89.3	91.4	85.6	87.6	0.0	81.4
1993	1173	90.2	92.3	86.3	88.7	0.0	82.6
1994	1483	91.1	94.0	85.7	87.6	0.0	82.3
1995	1496	91.7	94.5	85.9	87.9	0.0	82.8
1996	1353	92.3	95.1	86.1	88.8	0.0	83.6
1997	1247	93.2	95.3	86.5	89.2	0.0	84.3
1998	1120	94.0	95.7	86.6	89.4	0.0	84.8
1999	903	93.9	95.4	87.2	90.1	0.0	85.5
2000	629	94.6	95.4	87.8	91.0	0.0	86.4
2001	548	95.0	95.1	88.3	91.5	0.0	87.1
2002	483	95.2	95.0	88.3	91.3	0.0	87.0

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2003	431	96.2	96.1	89.4	92.2	0.0	88.5
2004	398	96.9	97.1	89.6	92.4	0.0	89.1
2005	332	97.5	97.2	89.8	92.1	0.0	89.3
2006	319	98.0	97.9	90.4	93.0	0.0	90.3
2007	281	97.6	98.2	90.2	94.8	0.0	91.0
2008	260	97.6	97.7	90.8	94.9	0.0	91.4
2009	240	97.9	97.8	91.0	95.1	0.0	91.7
2010	135	99.0	97.9	91.5	94.7	0.0	92.1
2011	134	99.5	98.0	92.2	96.4	0.0	93.5
2012	86	99.5	97.6	93.2	96.4	0.0	94.0
2013	118	99.3	97.6	93.0	96.9	0.0	94.1
2014	67	99.4	97.8	93.5	96.8	0.0	94.3
2015	42	100.3	98.0	93.5	96.5	0.0	94.4
2016	48	99.8	98.2	94.7	96.4	0.0	95.0
2017	31	100.6	99.2	95.3	97.2	0.0	96.2
2018	32	101.1	100.2	96.9	97.6	0.0	97.6
2019	18	100.9	99.3	97.5	97.6	0.0	97.6
2020	16	100.2	99.7	98.0	98.8	0.0	98.4

Tabel: 92 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1984	19	104.1	100.6	99.7	99.8	100.1	99.7	82.2	100.3
100.1									
1985	29	103.6	100.4	99.1	99.7	99.6	99.1	82.0	99.7
99.5									
1986	63	103.9	100.5	99.7	99.9	100.0	99.3	83.2	100.2
99.8									
1987	185	104.2	101.0	99.9	100.3	100.4	100.0	83.1	100.4
100.3									
1988	327	104.6	100.8	100.0	100.3	100.7	100.2	82.7	100.4
100.5									
1989	508	103.5	100.7	99.4	99.9	99.8	99.8	83.3	100.0
99.8									
1990	812	103.4	101.2	99.6	100.2	100.0	100.4	83.9	100.4
100.2									
1991	1362	103.8	99.6	99.3	99.2	99.9	100.2	85.4	99.3
99.7									
1992	1822	103.5	99.5	99.1	99.1	99.6	100.1	86.3	99.2
99.5									
1993	2085	103.3	99.9	99.1	99.3	99.6	100.1	86.9	99.4
99.5									

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1994	2895	102.7	99.8	98.6	98.9	99.0	99.9	87.2	99.0
99.1									
1995	3067	102.1	99.9	98.4	98.8	98.7	99.9	87.5	99.0
98.9									
1996	2798	101.9	99.4	97.9	98.1	98.2	99.7	88.2	98.4
98.5									
1997	2500	101.3	98.7	97.2	97.2	97.5	99.8	88.8	97.6
97.8									
1998	2407	101.0	99.0	97.2	97.4	97.5	99.8	89.3	97.8
97.9									
1999	1974	101.0	99.1	97.3	97.6	97.7	99.8	89.3	97.9
98.0									
2000	1426	101.5	98.2	97.2	97.1	97.9	99.9	89.6	97.4
97.9									
2001	1306	101.2	99.0	97.5	97.7	97.9	99.2	89.7	97.9
98.0									
2002	1031	100.4	99.4	97.3	97.8	97.6	99.0	91.1	98.0
97.8									
2003	953	99.3	98.8	96.4	96.7	96.5	98.8	92.4	97.1
96.9									
2004	923	98.7	98.2	95.5	95.7	95.6	98.1	92.2	96.3
96.0									
2005	821	98.8	98.1	95.7	95.7	95.8	98.2	91.9	96.3
96.2									
2006	731	98.5	98.3	95.6	95.7	95.7	98.3	92.7	96.4
96.2									
2007	683	97.1	98.9	95.0	95.4	94.8	98.2	94.6	96.3
95.8									
2008	606	97.6	98.6	95.2	95.6	95.3	98.5	94.2	96.3
96.0									
2009	564	97.9	98.4	95.2	95.6	95.4	98.5	94.2	96.3
96.0									
2010	349	98.7	98.4	95.9	96.0	96.2	98.9	94.1	96.6
96.6									
2011	323	98.6	98.2	95.6	95.7	96.0	98.7	94.4	96.4
96.4									
2012	241	98.5	98.3	95.6	95.8	96.0	98.6	94.0	96.4
96.3									
2013	333	98.9	97.6	95.4	95.3	96.1	98.7	93.6	95.9
96.2									
2014	188	99.4	97.7	95.9	95.8	96.7	98.6	93.2	96.3
96.6									
2015	135	99.9	99.0	97.3	97.5	97.9	98.8	93.8	97.8
97.8									
2016	127	100.0	99.0	97.7	97.7	98.3	99.0	94.5	98.0
98.1									
2017	120	100.1	99.2	97.9	98.0	98.5	98.8	94.5	98.2
98.3									
2018	97	100.5	99.8	98.9	99.0	99.5	99.3	95.6	99.2
99.3									

[Auteur]

2019	71	100.4	100.3	99.0	99.4	99.7	99.5	94.9	99.6
99.5									
2020	48	99.9	100.2	99.1	99.2	99.5	99.4	95.4	99.5
99.5									
2021	35	99.4	100.8	98.9	99.5	99.3	98.8	95.7	99.7
99.3									
2022	17	99.9	99.9	99.1	99.2	99.9	99.5	95.5	99.3
99.4									

Tabel: 93 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	14	99.2	95.6	94.6	97.2	101.2
1986	31	99.3	96.4	93.8	96.2	100.5
1987	69	98.1	94.9	94.4	96.6	100.8
1988	166	97.9	95.6	94.5	96.7	100.9
1989	306	97.4	96.2	94.3	96.1	100.9
1990	456	97.9	96.0	94.1	95.6	100.0
1991	768	97.8	96.0	94.8	96.7	100.3
1992	1050	98.3	96.8	94.9	96.6	100.2
1993	1135	98.8	97.0	94.6	96.3	100.1
1994	1392	99.3	96.4	94.7	96.1	100.1
1995	1398	98.9	96.0	94.3	95.4	99.8
1996	1278	99.2	96.4	94.2	95.0	99.6
1997	1175	98.8	96.7	94.3	95.0	99.3
1998	1049	98.8	96.0	94.1	94.7	98.7
1999	853	98.6	96.2	93.8	94.4	98.0
2000	591	98.5	95.6	94.4	95.0	98.5
2001	520	98.8	95.5	94.2	94.6	97.9
2002	466	98.5	95.2	93.5	93.6	96.7
2003	422	98.3	95.6	94.0	94.1	97.2
2004	398	98.3	95.6	94.4	94.1	97.2
2005	322	98.4	95.8	95.0	95.0	97.3
2006	312	98.6	95.8	95.4	95.2	97.5
2007	282	98.3	97.1	95.3	95.0	97.5
2008	255	98.6	97.1	95.3	94.9	97.4
2009	227	98.8	97.1	95.8	95.3	98.0
2010	129	98.4	97.0	95.6	95.2	97.9
2011	132	98.4	97.3	96.4	95.8	98.2
2012	81	98.2	97.0	96.4	95.8	97.8
2013	106	98.6	96.7	96.8	96.0	97.9
2014	61	99.0	97.8	97.0	96.2	97.8
2015	40	98.6	97.7	97.6	96.8	98.7
2016	43	99.2	98.1	98.5	97.9	99.7

[Auteur]

2017	28	99.1	98.1	98.6	97.8	99.3
2018	31	99.8	98.4	99.6	98.7	99.1
2019	17	99.6	98.4	99.1	98.1	99.0
2020	16	100.6	99.5	100.4	99.4	99.9

Tabel: 94 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984 0.0	15	-315.1	-725.3	-438.0	100.5	100.1	86.9	87.4	95.6
1985 192.3	22	-300.9	-735.6	-532.4	99.3	99.5	84.7	85.2	97.1
1986 183.2	51	-300.9	-720.8	-515.6	98.5	99.8	86.9	86.0	96.0
1987 183.1	163	-306.7	-743.9	-524.9	98.9	100.3	85.7	87.4	96.3
1988 163.0	318	-300.7	-729.9	-530.8	99.0	100.5	85.7	88.7	96.0
1989 164.2	496	-302.9	-711.1	-550.5	98.7	99.8	85.6	88.7	95.9
1990 157.8	779	-302.6	-705.5	-538.9	97.9	100.2	85.3	88.9	96.0
1991 160.2	1281	-294.7	-637.3	-549.4	98.6	99.7	85.3	87.2	95.8
1992 149.3	1712	-290.3	-619.5	-532.7	98.5	99.5	85.6	87.6	95.9
1993 137.9	1969	-288.8	-621.6	-527.0	98.3	99.5	86.3	88.7	95.9
1994 119.8	2565	-284.3	-572.5	-533.3	98.2	99.1	85.7	87.6	96.0
1995 115.5	2734	-281.2	-551.6	-524.2	97.7	98.9	85.9	87.9	96.3
1996 111.9	2482	-281.5	-534.7	-528.3	97.4	98.5	86.1	88.8	96.3
1997 107.7	2251	-277.4	-496.9	-521.7	97.2	97.8	86.5	89.2	96.1
1998 101.8	2165	-282.6	-492.9	-556.2	96.7	97.9	86.6	89.4	96.0
1999 103.1	1783	-273.2	-475.1	-542.7	96.1	98.0	87.2	90.1	96.3

[Auteur]

2000	1298	-255.6	-443.4	-498.4	96.6	97.9	87.8	91.0	96.4
99.5									
2001	1176	-246.4	-417.9	-475.0	96.0	98.0	88.3	91.5	96.6
93.5									
2002	929	-248.2	-387.8	-499.1	94.8	97.8	88.3	91.3	96.7
90.8									
2003	846	-237.2	-350.6	-479.3	95.4	96.9	89.4	92.2	95.4
76.7									
2004	824	-233.3	-310.0	-488.2	95.4	96.0	89.6	92.4	94.3
65.2									
2005	732	-216.2	-278.1	-446.8	95.9	96.2	89.8	92.1	94.9
58.3									
2006	651	-209.1	-261.9	-428.8	96.1	96.2	90.4	93.0	94.8
47.0									
2007	604	-193.2	-225.6	-378.1	96.0	95.8	90.2	94.8	93.8
39.8									
2008	487	-182.4	-217.4	-343.8	95.9	96.0	90.8	94.9	94.4
46.1									
2009	447	-178.7	-221.8	-309.1	96.5	96.0	91.0	95.1	94.6
50.4									
2010	285	-176.2	-232.3	-311.8	96.3	96.6	91.5	94.7	95.1
48.0									
2011	244	-160.7	-209.9	-290.1	96.9	96.4	92.2	96.4	95.1
46.8									
2012	176	-161.2	-217.8	-285.1	96.6	96.3	93.2	96.4	95.4
56.8									
2013	243	-148.8	-190.6	-253.8	96.8	96.2	93.0	96.9	96.1
53.4									
2014	131	-144.5	-187.9	-242.5	96.7	96.6	93.5	96.8	96.6
42.2									
2015	91	-126.5	-169.7	-243.5	97.6	97.8	93.5	96.5	97.2
35.7									
2016	93	-100.0	-154.9	-172.8	98.8	98.1	94.7	96.4	97.7
35.1									
2017	76	-100.4	-146.6	-171.0	98.5	98.3	95.3	97.2	97.9
29.4									
2018	63	-57.4	-60.0	-127.0	98.7	99.3	96.9	97.6	98.3
10.6									
2019	46	-72.3	-102.0	-97.6	98.4	99.5	97.5	97.6	98.6
33.0									
2020	37	-37.8	-54.8	-45.1	99.7	99.5	98.0	98.8	99.0
-1.7									
2021	27	-29.0	-0.6	-12.0	98.4	99.3	96.9	98.8	99.6
27.9									

Tabel: 95 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
Basis: Melkdoel rood

[Auteur]

Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1988	18	93.4	93.8	99.3	98.2	91.1	93.1	93.8
1989	26	92.5	93.2	98.8	98.0	90.1	93.1	93.4
1990	39	93.7	94.7	98.9	98.1	91.6	93.8	94.4
1991	142	90.2	91.7	96.9	96.2	89.6	91.1	93.5
1992	235	90.7	92.7	96.7	95.7	90.4	92.0	94.1
1993	254	91.3	93.8	96.8	95.7	90.7	92.9	94.3
1994	417	92.8	95.0	98.3	96.3	91.4	93.4	94.1
1995	506	93.2	95.1	98.9	96.7	91.4	94.0	93.7
1996	503	93.1	94.4	98.9	97.4	91.0	94.3	93.5
1997	551	92.3	93.6	98.2	97.3	90.7	93.4	93.7
1998	819	92.1	93.1	98.4	97.6	89.9	93.5	93.2
1999	630	92.7	93.9	98.4	97.7	90.6	93.8	93.5
2000	476	93.1	94.9	98.3	97.6	91.2	94.7	93.7
2001	441	93.0	94.9	98.2	97.1	91.6	95.2	93.8
2002	404	92.9	95.2	98.1	96.8	91.7	95.1	93.6
2003	385	93.9	96.2	98.3	97.7	92.8	94.7	94.3
2004	368	94.5	96.8	98.7	98.4	93.0	94.0	94.4
2005	306	94.8	97.4	98.8	98.3	93.3	93.8	95.0
2006	299	94.9	97.5	98.5	98.4	93.7	93.8	95.5
2007	280	96.1	99.0	98.4	98.8	95.8	93.5	97.0
2008	251	96.5	99.1	98.6	99.0	96.2	93.7	97.2
2009	233	96.4	99.2	98.3	98.9	96.2	93.7	97.6
2010	129	95.8	98.6	98.0	98.5	95.7	93.9	97.2
2011	129	96.1	98.7	97.9	98.6	96.7	94.6	97.7
2012	85	96.1	98.9	97.8	98.6	96.9	94.8	97.6
2013	114	95.6	98.3	97.4	98.3	96.4	95.1	97.3
2014	67	95.8	98.5	97.7	98.3	96.8	95.3	97.2
2015	42	96.3	98.5	98.0	98.7	96.6	95.7	97.9
2016	46	97.3	99.5	98.3	98.7	98.2	96.2	98.6
2017	30	97.7	98.6	98.9	99.4	98.0	98.4	98.2
2018	32	97.9	99.3	98.8	99.1	98.0	98.3	98.7
2019	18	100.2	101.3	100.1	99.6	98.9	99.7	100.7
2020	15	100.4	100.3	100.8	100.2	99.0	100.5	99.7

Tabel: 96 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	12	94.9	98.8	94.9	98.8	94.0	98.8
1987	25	94.9	99.3	94.9	99.3	93.6	99.3
1988	49	94.3	98.9	94.3	98.9	93.1	98.8
1989	67	94.5	98.4	94.5	98.4	93.0	98.2

[Auteur]

1990	102	94.6	98.8	94.6	98.8	93.2	98.2
1991	208	94.8	98.6	94.8	98.6	94.3	97.0
1992	286	94.6	98.9	94.6	98.9	93.9	97.3
1993	341	94.5	99.0	94.5	99.0	93.7	97.5
1994	430	94.6	99.1	94.6	99.1	94.4	97.5
1995	531	94.7	99.3	94.7	99.3	94.4	97.7
1996	493	95.0	99.2	95.0	99.2	94.4	97.9
1997	576	95.3	98.7	95.3	98.7	94.5	97.6
1998	611	95.1	99.0	95.1	99.0	94.3	97.5
1999	541	95.6	99.3	95.6	99.3	94.7	97.9
2000	476	95.9	99.0	95.9	99.0	94.9	98.5
2001	499	95.9	99.2	95.9	99.2	94.6	99.2
2002	436	96.3	99.2	96.3	99.2	94.8	99.4
2003	473	96.0	97.7	96.0	97.7	94.6	98.3
2004	534	95.3	96.7	95.3	96.7	94.2	97.1
2005	574	95.4	97.2	95.4	97.2	94.5	97.3
2006	571	95.2	97.2	95.2	97.2	94.2	97.3
2007	542	95.7	95.4	95.7	95.4	94.9	96.3
2008	559	96.5	95.9	96.5	95.9	95.6	96.7
2009	548	96.3	96.3	96.3	96.3	95.6	96.9
2010	345	96.5	96.8	96.5	96.8	96.0	97.5
2011	312	96.8	96.6	96.8	96.6	96.7	97.2
2012	227	97.1	96.9	97.1	96.9	97.1	97.6
2013	309	97.6	97.6	97.6	97.6	97.5	98.0
2014	180	97.9	98.0	97.9	98.0	98.0	98.4
2015	130	98.2	98.5	98.2	98.5	98.9	98.9
2016	123	98.3	98.8	98.3	98.8	99.0	99.1
2017	117	98.4	99.0	98.4	99.0	99.3	99.1
2018	89	98.4	99.3	98.4	99.3	99.1	99.5
2019	55	98.9	99.7	98.9	99.7	99.3	100.0
2020	44	99.1	99.5	99.1	99.5	99.6	99.9
2021	27	100.3	100.5	100.3	100.5	101.1	100.4
2022	11	99.6	101.3	99.6	101.3	99.8	101.1

Tabel: 97 MRIJ - Holstein Friesian roodbont: Geboortekkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	95.8	104.2	103.1	99.1	96.1	97.3
1985	10	96.0	103.8	102.6	96.8	98.3	100.8
1986	27	93.9	105.1	104.7	95.9	98.3	102.0
1987	78	95.0	104.3	103.7	96.6	98.7	101.8
1988	157	95.4	104.9	103.5	96.5	98.1	102.0
1989	197	95.1	104.9	103.5	96.3	97.8	101.1
1990	380	95.0	105.0	103.5	96.7	98.3	100.4
1991	615	93.9	103.8	104.1	95.0	98.7	101.5

[Auteur]

1992	797	93.6	104.2	104.4	95.5	98.7	100.9
1993	895	93.9	104.1	104.4	97.4	98.8	99.3
1994	1114	93.4	104.1	105.0	97.8	98.6	99.3
1995	1121	93.8	104.3	104.8	98.9	98.6	98.4
1996	1042	94.2	104.5	104.5	98.6	98.5	98.6
1997	992	94.0	104.2	104.6	97.4	98.5	99.3
1998	957	93.6	104.7	104.9	97.3	99.2	99.8
1999	901	94.3	103.7	104.4	97.5	99.0	99.1
2000	655	94.7	103.2	104.0	97.8	98.0	98.4
2001	616	94.3	102.5	104.6	98.6	98.1	98.7
2002	494	93.6	103.2	105.2	98.3	98.3	98.7
2003	418	93.4	103.7	105.3	96.8	99.4	99.3
2004	401	93.3	104.9	105.4	96.6	100.3	99.7
2005	373	93.8	104.2	105.2	96.8	100.2	100.0
2006	355	93.7	104.5	105.4	96.9	100.8	100.1
2007	343	95.2	104.9	104.0	95.0	102.1	100.9
2008	323	95.1	104.5	104.0	95.3	101.6	100.4
2009	352	94.9	104.4	104.1	95.4	101.2	100.2
2010	236	94.3	103.8	104.8	96.4	100.3	99.2
2011	212	94.4	103.8	104.8	96.8	100.5	99.1
2012	159	94.6	103.8	104.5	97.1	99.8	98.6
2013	181	93.7	103.2	105.8	97.4	99.1	99.0
2014	114	94.3	102.4	105.0	98.3	98.3	98.0
2015	81	94.6	102.3	104.3	98.6	98.8	97.9
2016	83	96.1	102.2	103.2	99.5	98.6	98.2
2017	70	95.9	101.9	103.5	99.5	98.2	98.0
2018	53	94.8	102.5	104.3	100.8	99.4	97.2
2019	33	95.4	101.7	103.7	100.1	99.5	98.2
2020	23	96.3	101.2	102.8	101.2	99.8	97.5
2021	15	96.5	100.0	102.4	102.2	100.6	96.4

Tabel: 98 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1986	17	106.4	111.6	95.7	104.2	109.0	97.6	105.3	98.5	109.9
99.1	104.9									
1987	34	106.3	111.6	95.5	104.3	109.5	97.4	105.4	97.9	110.4
98.6	105.0									
1988	68	107.7	113.2	95.2	105.2	111.6	97.2	106.8	97.7	111.9
98.5	106.3									
1989	98	106.4	112.0	95.9	104.1	110.0	97.3	105.6	97.6	110.6
98.6	104.9									

[Auteur]



1990	160	106.4	111.7	95.8	104.3	109.6	97.5	105.4	98.3	110.5
		98.7	105.0							
1991	306	105.2	109.5	96.6	102.9	108.0	97.1	104.5	98.2	109.1
		98.1	103.9							
1992	438	105.1	109.0	96.5	102.9	107.7	97.2	104.3	98.3	108.7
		97.9	103.8							
1993	526	105.6	109.1	96.7	103.4	108.0	97.2	104.9	98.3	108.6
		98.3	104.5							
1994	657	105.7	109.8	96.7	104.3	107.5	97.9	104.8	98.9	108.7
		98.4	105.7							
1995	830	105.4	109.4	97.6	104.0	106.9	98.6	104.4	99.1	108.0
		99.0	105.4							
1996	820	105.0	109.2	97.8	103.9	106.6	99.0	104.1	98.9	108.1
		99.2	105.3							
1997	867	104.3	107.6	98.4	103.1	105.8	98.9	103.5	98.9	107.2
		99.0	104.2							
1998	921	104.0	106.9	98.2	103.0	105.3	98.6	103.3	98.8	106.6
		98.3	104.0							
1999	900	103.8	106.9	98.0	103.1	105.1	98.7	103.1	98.9	106.3
		98.5	103.8							
2000	795	103.7	105.9	98.4	102.5	104.9	98.9	102.9	99.5	105.9
		98.8	103.2							
2001	875	103.5	105.2	99.9	102.5	104.8	99.5	102.7	99.7	105.3
		100.0	102.6							
2002	737	103.6	104.6	100.4	102.6	104.6	99.7	102.9	99.5	104.8
		100.2	102.6							
2003	756	103.4	104.4	100.0	102.3	104.0	99.4	102.4	100.4	104.4
		99.9	102.2							
2004	717	103.3	103.9	99.7	102.2	103.5	99.2	102.0	101.2	104.1
		99.1	102.3							
2005	656	103.3	103.0	100.4	101.7	103.5	98.9	102.1	101.3	103.8
		99.0	102.4							
2006	605	103.1	103.1	100.1	102.1	102.9	98.9	101.9	101.6	103.5
		99.0	102.5							
2007	581	102.6	103.4	99.9	101.8	102.4	99.2	101.1	101.9	103.2
		99.2	101.7							
2008	493	102.4	103.1	100.0	101.4	102.5	99.3	101.2	101.5	103.0
		99.7	101.3							
2009	469	102.1	103.2	99.7	101.5	102.3	99.7	101.0	101.0	103.2
		99.8	101.1							
2010	291	102.2	102.8	99.7	101.2	102.5	99.4	101.5	100.5	102.9
		100.0	100.9							
2011	250	101.9	102.4	99.6	100.9	102.2	99.4	101.2	100.4	102.6
		99.7	100.6							
2012	179	101.7	101.7	99.9	100.6	102.0	99.6	101.1	100.2	102.3
		100.2	100.4							
2013	251	101.6	101.6	100.4	100.4	102.1	99.8	100.8	100.2	102.5
		100.2	100.3							
2014	117	101.8	101.0	100.8	100.2	102.3	99.4	101.4	100.0	102.1
		100.5	100.0							

[Auteur]

2015	73	102.4	102.0	100.2	101.2	102.7	98.9	102.3	99.2	102.5
		100.6	100.6							
2016	69	102.2	102.1	100.1	100.8	102.8	99.2	102.1	99.2	102.7
		100.4	100.4							
2017	42	103.1	103.3	99.1	102.2	103.5	99.1	103.0	99.1	103.1
		100.5	101.4							
2018	34	103.3	102.9	99.3	102.3	103.3	98.7	103.6	98.9	102.5
		100.9	101.2							
2019	18	102.7	101.5	100.1	100.8	103.2	99.3	103.0	99.0	101.9
		102.1	99.9							
2020	15	102.6	101.9	100.9	101.1	103.3	99.5	102.8	98.8	102.3
		101.7	100.6							

Tabel: 99 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1988	10	96.3	98.2	97.8
1989	26	96.2	98.0	98.2
1990	32	96.4	98.3	97.9
1991	63	96.7	98.4	98.2
1992	76	96.1	98.0	98.0
1993	84	95.8	98.0	97.8
1994	104	96.6	98.5	98.1
1995	142	96.7	98.7	98.1
1996	108	96.7	98.8	97.8
1997	149	96.6	98.7	97.4
1998	149	96.0	98.0	97.5
1999	142	96.4	98.4	97.7
2000	107	96.4	98.3	98.2
2001	134	96.6	98.4	98.1
2002	81	96.8	98.4	98.2
2003	94	97.2	98.9	97.9
2004	98	97.4	98.9	98.3
2005	114	97.8	99.1	98.4
2006	96	97.9	99.1	98.6
2007	87	98.0	99.2	98.5
2008	95	97.9	99.2	98.6
2009	82	97.4	98.7	98.4
2010	55	97.2	98.6	98.2
2011	53	97.4	98.9	98.2
2012	36	97.6	99.2	98.4
2013	35	96.8	98.5	97.4
2014	26	97.6	98.8	98.3
2015	22	97.4	99.0	98.6

[Auteur]

2016	17	96.5	98.6	97.9
2017	12	98.8	100.2	98.8

Tabel: 100 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	1176	-4942.8	-17318.4	-754.2	-623.3
2002	930	-5000.5	-17440.0	-765.1	-629.1
2003	844	-4804.4	-16971.4	-731.1	-607.2
2004	825	-4777.2	-16943.1	-724.2	-605.7
2005	736	-4458.1	-15568.3	-679.9	-562.4
2006	650	-4324.0	-15137.2	-659.0	-545.8
2007	602	-3933.1	-14127.0	-594.9	-499.6
2008	491	-3699.5	-13335.0	-559.3	-470.1
2009	462	-3503.7	-12408.2	-531.0	-444.4
2010	291	-3541.1	-12521.3	-541.4	-445.8
2011	258	-3347.6	-11825.5	-511.4	-421.7
2012	186	-3314.4	-11744.4	-507.7	-416.5
2013	252	-3052.7	-10640.4	-471.3	-381.1
2014	135	-2972.1	-10334.0	-458.1	-371.6
2015	94	-2901.5	-10104.1	-449.3	-361.3
2016	99	-2413.0	-8323.6	-377.9	-297.5
2017	83	-2394.8	-8197.8	-374.1	-295.9
2018	68	-1783.0	-6108.7	-275.9	-222.2
2019	51	-1763.3	-6177.5	-274.5	-218.6
2020	38	-1153.1	-3805.5	-182.8	-140.6
2021	28	-750.8	-2852.6	-115.4	-94.1

Tabel: 101 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1989	21	95.9	83.0	102.0	87.6
1990	22	96.0	83.2	102.3	88.0
1991	46	96.7	84.3	102.9	90.0
1992	71	96.2	83.6	102.7	88.9
1993	75	96.3	83.9	102.3	88.8
1994	108	96.6	79.3	102.9	86.8
1995	134	96.8	78.8	102.6	86.4
1996	95	96.8	79.9	102.7	87.1
1997	142	96.6	81.5	103.1	88.0

[Auteur]

1998	126	96.2	81.6	102.2	86.9
1999	112	96.0	82.1	102.6	87.1
2000	87	95.6	82.9	101.9	87.1
2001	100	95.9	82.4	101.5	86.3
2002	59	96.1	83.8	101.1	86.5
2003	76	95.9	85.0	101.4	87.6
2004	80	96.9	85.1	101.8	88.9
2005	86	96.4	85.9	101.0	88.5
2006	78	97.1	86.3	100.7	89.0
2007	65	97.7	87.6	101.1	90.6
2008	64	97.3	88.2	101.2	90.7
2009	68	96.9	91.1	100.2	91.1
2010	55	96.7	89.9	100.5	90.3
2011	47	95.9	90.0	101.0	90.6
2012	37	97.2	91.2	100.5	91.8
2013	41	97.9	91.4	99.5	92.1
2014	30	98.0	92.2	99.5	92.4
2015	23	98.0	93.4	100.0	93.9
2016	19	98.3	95.3	99.7	95.2
2017	14	98.9	95.9	99.8	96.0
2018	10	99.6	97.4	101.4	99.0

Tabel: 102 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	15	93.6	97.4	0	0.0	0.0	0	0.0
1985	22	94.0	97.2	13	-6.0	192.3	0	0.0
1986	51	94.0	97.1	33	-6.0	183.2	0	0.0
1987	163	94.2	97.2	70	-6.0	183.1	0	0.0
1988	318	93.8	97.1	176	-5.7	163.0	0	0.0
1989	496	94.1	97.6	327	-5.7	164.2	0	0.0
1990	779	93.6	97.4	498	-5.6	157.8	0	0.0
1991	1281	93.5	97.5	800	-5.3	160.2	0	0.0
1992	1712	93.8	97.4	1079	-5.0	149.3	0	0.0
1993	1969	93.6	97.3	1179	-4.9	137.9	0	0.0
1994	2565	93.6	97.8	1484	-4.4	119.8	0	0.0
1995	2734	93.8	98.0	1498	-4.3	115.5	0	0.0
1996	2482	93.9	97.5	1354	-4.2	111.9	0	0.0
1997	2251	94.5	97.5	1247	-3.9	107.7	0	0.0
1998	2165	93.9	97.1	1120	-3.8	101.8	0	0.0
1999	1783	94.3	97.3	906	-3.7	103.1	0	0.0
2000	1298	94.8	97.9	630	-3.5	99.5	0	0.0
2001	1176	95.5	97.8	550	-3.3	93.5	548	94.9
2002	929	95.8	97.4	484	-3.1	90.8	483	94.9

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2003	846	96.2	98.0	431	-2.7	76.7	431	95.8
2004	824	95.9	98.0	398	-2.3	65.2	398	96.5
2005	732	96.5	98.1	333	-2.1	58.3	332	96.7
2006	651	97.0	99.2	321	-1.9	47.0	319	97.7
2007	604	97.5	100.3	282	-1.7	39.8	281	98.1
2008	487	97.5	100.3	260	-1.6	46.1	260	97.6
2009	447	97.5	100.3	242	-1.7	50.4	240	97.5
2010	285	97.1	99.4	135	-1.8	48.0	135	97.8
2011	244	97.0	99.4	134	-1.6	46.8	134	98.0
2012	176	97.3	99.3	87	-1.7	56.8	86	96.9
2013	243	97.7	98.7	120	-1.6	53.4	118	97.2
2014	131	98.0	98.9	73	-1.4	42.2	67	97.6
2015	91	97.2	99.1	48	-1.5	35.7	42	98.4
2016	93	98.3	99.2	52	-1.2	35.1	48	98.2
2017	76	98.1	98.7	31	-1.3	29.4	30	99.7
2018	63	99.4	99.7	34	-0.6	10.6	32	100.4
2019	46	99.9	100.3	19	-0.8	33.0	18	98.8
2020	37	100.4	100.0	21	0.0	-1.7	16	99.8
2021	27	100.3	100.4	11	-0.4	27.9	8	98.5

Tabel: 103 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	16	99.7	0	0.0	0	0.0	16	95.1
1988	29	100.0	0	0.0	0	0.0	29	96.7
1989	46	99.8	0	0.0	0	0.0	46	96.0
1990	71	99.7	4	98.2	2	96.0	71	95.7
1991	143	98.2	25	95.7	25	98.9	143	94.3
1992	200	98.5	20	95.5	20	99.2	200	94.1
1993	230	99.0	12	96.7	12	99.0	230	94.1
1994	295	98.7	37	98.7	36	96.5	295	94.1
1995	381	99.1	59	99.9	57	96.5	381	94.4
1996	331	99.2	36	100.3	34	96.6	331	94.2
1997	366	98.8	60	98.2	56	97.4	366	93.9
1998	373	98.8	33	98.5	25	98.3	373	92.9
1999	367	98.9	40	98.7	32	98.2	367	93.5
2000	301	99.5	29	100.9	27	98.7	301	94.3
2001	318	99.8	41	100.6	40	99.2	318	94.7
2002	263	100.1	19	100.2	19	100.2	263	94.8
2003	291	99.6	28	99.4	26	98.3	291	94.6
2004	327	98.7	32	97.8	31	98.3	327	94.1
2005	321	98.1	42	97.8	42	98.1	321	93.6
2006	323	98.0	45	98.9	44	97.9	323	93.9
2007	373	98.1	37	97.7	37	98.3	373	94.6
2008	337	98.6	36	98.1	33	98.7	337	95.2

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2009	361	98.7	37	98.9	34	98.8	361	95.2
2010	275	99.3	29	99.5	27	98.3	275	95.6
2011	241	99.3	23	100.3	22	99.2	241	96.2
2012	172	99.4	15	100.9	15	100.3	172	96.2
2013	237	99.1	20	99.2	21	100.0	237	95.7
2014	124	99.5	12	100.1	11	98.5	124	96.3
2015	89	99.8	8	100.8	8	99.6	89	97.4
2016	90	99.9	10	100.8	9	100.4	90	98.1
2017	72	100.1	3	104.0	3	100.7	72	98.4
2018	62	100.4	4	101.0	4	101.2	62	99.0
2019	42	100.4	2	101.0	2	102.0	42	99.9
2020	37	100.3	1	101.0	1	101.0	37	99.2
2021	25	99.9	0	0.0	0	0.0	25	99.5

Tabel: 104 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	35	101.8	101.0	101.4	101.2	100.3	98.8
1992	35	102.0	100.8	101.9	101.4	100.7	99.3
1993	42	101.2	99.7	101.4	100.6	100.5	98.7
1994	58	101.1	100.2	101.6	100.2	100.1	98.9
1995	93	101.0	100.2	101.5	99.8	100.3	98.9
1996	58	99.6	98.6	100.4	98.9	99.5	97.8
1997	96	99.6	98.6	99.7	99.0	99.6	97.5
1998	75	99.7	98.3	99.9	99.3	99.4	97.9
1999	73	99.9	98.7	100.2	99.5	99.4	97.7
2000	49	99.7	99.0	99.8	99.0	98.9	98.1
2001	70	100.8	100.0	101.3	99.5	100.5	99.2
2002	34	100.1	98.9	100.7	98.8	100.6	99.3
2003	44	100.1	99.7	99.7	98.9	100.3	99.0
2004	46	100.0	99.8	99.6	99.0	99.9	98.4
2005	62	100.2	100.1	99.2	99.5	100.1	98.1
2006	49	101.1	101.3	99.6	99.9	100.8	99.0
2007	45	101.0	102.0	99.4	99.1	100.9	100.2
2008	45	100.6	101.4	99.3	98.7	100.7	99.9
2009	42	100.9	101.1	99.5	99.3	100.7	100.2
2010	39	101.1	101.1	100.3	99.8	101.5	99.7
2011	29	100.8	100.8	99.5	99.4	100.6	99.5
2012	23	101.0	100.8	100.0	99.9	100.8	99.7
2013	23	101.2	100.7	100.0	100.8	100.2	99.1
2014	16	99.9	99.1	98.1	100.2	100.0	97.2
2015	14	99.4	98.5	98.7	99.1	99.7	97.3
2016	10	100.1	98.9	98.9	100.1	99.3	97.8

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Tabel: 105 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-1349.6	-55.5	-57.6	-63.0	8.5	-15.1	-1.6	-414.1
1981	32	-1256.8	-47.5	-55.8	-58.7	16.3	-18.2	-1.7	-382.4
1982	60	-1146.4	-44.8	-53.0	-53.6	12.5	-20.0	-1.6	-362.6
1983	104	-1224.8	-50.0	-55.6	-57.2	9.3	-19.7	-1.6	-389.3
1984	169	-1323.7	-54.8	-58.8	-61.7	8.5	-19.0	-1.5	-417.0
1985	269	-1246.2	-48.6	-55.8	-58.2	13.7	-18.5	-1.6	-385.9
1986	481	-1171.0	-49.2	-54.0	-54.8	6.6	-19.8	-1.6	-379.8
1987	915	-1152.9	-47.8	-53.2	-53.9	7.6	-19.6	-1.6	-372.4
1988	985	-1139.5	-47.4	-52.2	-53.3	7.1	-18.6	-1.7	-366.7
1989	1062	-1151.7	-45.5	-51.9	-53.9	12.3	-16.9	-1.6	-359.5
1990	1220	-1190.5	-45.4	-52.1	-55.7	16.1	-14.6	-1.6	-360.0
1991	1205	-1047.8	-37.5	-44.5	-49.1	17.9	-10.3	-1.7	-303.8
1992	950	-976.4	-37.0	-42.9	-45.9	13.0	-11.9	-1.6	-295.3
1993	1026	-815.8	-34.5	-38.7	-38.5	4.4	-14.8	-1.7	-270.1
1994	1070	-682.3	-27.7	-33.0	-32.5	5.7	-13.2	-1.8	-225.2
1995	689	-627.8	-25.1	-30.8	-29.9	5.9	-12.7	-1.8	-207.7
1996	447	-519.9	-22.0	-29.0	-25.0	3.0	-15.9	-1.8	-190.6
1997	236	-391.8	-15.6	-22.5	-19.1	3.8	-12.8	-1.8	-143.5
1998	120	-322.7	-11.2	-19.6	-16.0	6.2	-12.1	-1.9	-117.8
1999	88	-321.7	-11.9	-18.5	-16.0	4.4	-10.2	-2.0	-115.2
2000	54	-292.2	-10.6	-17.9	-14.4	5.1	-10.9	-1.5	-108.8
2001	38	171.3	2.6	-0.8	7.1	-6.0	-10.3	-1.0	4.3
2002	41	14.2	-4.6	-7.9	0.4	-6.1	-12.3	-0.0	-47.6
2003	36	120.4	4.7	-2.5	7.0	0.6	-10.1	2.5	3.3
2004	40	75.0	4.2	-4.1	4.2	2.5	-9.7	1.3	-5.1
2005	34	471.0	23.5	9.7	21.4	4.9	-9.8	-0.2	112.3
2006	29	557.6	17.5	11.5	24.6	-9.6	-12.0	-1.6	102.1
2007	26	357.1	19.1	8.6	15.2	5.3	-5.9	-1.9	94.3
2008	25	75.0	8.6	1.0	5.2	9.1	-2.2	3.0	30.3
2009	18	376.8	11.6	8.0	16.9	-7.2	-8.4	-0.6	69.3
2010	14	316.5	15.0	7.0	12.8	1.6	-6.8	-2.6	75.2
2011	19	563.4	28.5	16.0	24.7	5.7	-6.5	-1.9	154.3
2012	13	304.4	22.5	10.1	11.7	15.6	-0.8	-3.5	110.6
2013	20	620.4	21.6	17.9	27.1	-7.6	-6.2	-1.9	142.2
2014	30	486.6	14.6	13.5	21.3	-9.3	-6.0	-1.8	101.9
2015	18	573.6	20.0	14.6	23.2	-6.4	-8.3	-4.7	122.7
2016	12	893.2	28.9	24.7	39.0	-14.2	-11.1	-2.9	193.0
2017	11	736.5	33.9	25.3	33.9	1.8	-2.5	-0.4	210.3
2018	10	717.8	36.9	22.1	32.2	8.5	-5.3	-1.4	205.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

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Tabel: 106 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	20	93.7	89.3	93.3	96.9	98.3	92.4	97.5
1982	39	95.4	89.7	95.2	98.4	97.8	91.3	98.9
1983	57	95.2	89.7	95.1	98.2	97.4	93.1	98.1
1984	82	94.5	90.3	95.0	97.7	98.3	93.4	98.1
1985	128	94.6	89.3	94.7	97.5	97.5	93.0	96.8
1986	233	94.9	88.9	95.5	98.8	96.6	92.2	96.9
1987	443	95.5	89.8	96.4	99.5	96.8	92.5	97.4
1988	508	95.6	89.4	96.0	99.2	96.7	93.1	97.3
1989	639	96.0	90.0	96.1	99.3	96.7	93.0	97.6
1990	725	96.6	89.9	96.3	99.5	96.6	93.4	98.1
1991	664	96.7	89.7	96.5	99.8	95.8	93.3	97.7
1992	522	97.4	90.5	97.2	100.1	96.0	92.7	98.6
1993	526	98.2	90.7	97.8	100.9	95.8	92.6	99.3
1994	525	98.9	90.9	99.0	102.1	95.2	92.4	99.9
1995	308	98.9	91.4	99.6	102.4	95.5	92.8	99.6
1996	201	99.7	91.8	100.5	103.1	95.5	93.7	99.3
1997	109	99.6	92.0	100.9	103.6	94.6	94.6	98.2
1998	55	100.0	92.4	101.4	103.9	95.2	94.4	98.8
1999	39	100.2	92.5	101.2	103.7	94.9	94.6	98.4
2000	22	100.7	92.7	101.1	103.3	95.5	93.8	98.4
2001	17	100.6	93.2	100.1	102.6	95.2	93.2	98.8
2002	19	100.4	95.2	100.7	102.8	97.3	96.4	99.8
2003	11	102.4	93.5	103.6	106.4	93.9	95.1	97.9
2004	19	101.3	94.7	101.8	103.8	95.6	95.7	97.9
2005	20	102.5	94.4	102.7	105.3	94.8	96.1	98.1
2006	20	102.5	92.9	102.5	106.0	93.5	95.8	97.0
2013	10	103.8	94.0	102.7	105.8	93.2	98.3	99.9
2014	15	102.9	95.7	102.2	104.8	95.0	96.5	100.2
2015	10	104.6	95.2	102.2	104.9	94.8	97.0	100.3

Tabel: 107 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	20	90.8	99.4	99.8	90.0	89.8
1982	39	91.2	99.9	99.5	90.7	90.3
1983	57	91.4	99.9	98.9	90.6	91.1
1984	82	92.2	99.5	98.9	92.0	91.8
1985	128	91.6	99.5	99.0	91.6	91.5
1986	233	91.6	101.4	97.9	91.3	91.4

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1987	443	92.5	101.1	97.5	91.6	92.5
1988	508	92.7	101.0	97.6	91.3	92.7
1989	639	93.0	100.9	98.0	91.7	93.0
1990	725	93.2	100.6	98.8	91.7	93.0
1991	664	92.3	101.8	98.0	91.1	92.0
1992	522	92.7	101.5	98.4	91.2	92.4
1993	526	92.8	102.4	97.9	92.2	92.7
1994	525	92.2	103.7	97.1	92.4	92.4
1995	308	92.0	103.4	96.7	92.0	92.4
1996	201	93.3	101.8	97.5	92.3	93.7
1997	109	92.9	101.6	97.0	92.1	93.3
1998	55	92.9	104.0	95.6	92.1	93.5
1999	39	94.3	101.9	97.7	92.9	94.5
2000	22	94.3	103.4	97.6	94.5	94.5
2001	17	94.3	102.7	97.5	93.8	94.5
2002	19	96.2	101.6	98.8	95.3	96.0
2003	11	95.2	102.7	97.6	95.5	96.5
2004	19	95.6	102.1	98.3	95.2	96.2
2005	20	95.5	102.3	97.2	95.7	97.0
2006	20	96.5	101.9	98.2	96.7	97.5
2013	10	96.1	101.1	99.7	96.1	97.1
2014	15	97.4	101.5	99.5	98.1	98.8
2015	10	98.5	101.0	100.0	97.1	99.3

Tabel: 108 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								
1981	20	97.9	95.3	101.6	100.2	98.5	95.4	94.5
101.1								
1982	39	99.5	96.2	100.5	101.7	99.3	95.4	94.7
101.7								
1983	57	99.3	95.5	99.9	101.1	98.8	95.8	94.6
100.5								
1984	82	98.9	94.9	102.0	100.1	98.5	95.5	94.3
100.5								
1985	128	99.6	95.4	102.0	100.6	99.6	96.8	95.3
100.6								
1986	233	100.0	96.0	100.8	100.4	99.7	96.5	95.1
99.9								
1987	443	99.6	96.2	102.0	100.1	100.0	96.5	95.3
100.9								
1988	508	99.6	96.1	102.1	100.4	99.8	96.4	95.1
101.1								

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1989	639	99.5	96.3	101.8	100.4	99.6	96.1	94.9
100.8								
1990	725	99.5	96.3	101.2	100.7	99.1	95.4	94.2
100.6								
1991	664	99.4	96.1	100.9	100.1	99.1	95.3	93.9
99.3								
1992	522	99.7	96.4	100.6	100.4	99.1	95.2	94.0
99.3								
1993	526	100.4	97.1	100.2	100.8	99.0	95.8	94.9
99.0								
1994	525	100.6	97.6	99.7	100.5	98.5	96.2	95.3
97.9								
1995	308	100.4	98.0	100.0	100.1	98.7	96.6	95.9
98.5								
1996	201	99.7	99.2	99.8	99.1	99.1	96.8	96.8
99.6								
1997	109	100.0	98.7	99.7	99.5	100.3	97.2	96.6
99.7								
1998	55	100.1	99.4	100.4	99.2	100.7	98.1	97.6
99.9								
1999	39	100.0	98.3	100.6	100.1	100.8	97.8	96.9
100.8								
2000	22	100.6	99.0	101.2	100.2	101.0	98.7	98.5
100.4								
2001	17	99.5	98.6	100.6	100.5	101.5	99.1	97.9
99.7								
2002	19	100.6	98.0	100.6	100.9	101.2	98.4	97.6
100.5								
2003	11	102.4	101.0	98.5	101.9	102.5	99.8	99.6
100.6								
2004	19	100.7	99.9	99.8	101.2	101.9	99.3	98.8
100.6								
2005	20	101.9	101.6	99.6	101.5	103.3	100.5	100.0
102.0								
2006	20	102.0	101.4	100.4	101.5	104.5	100.3	99.8
102.6								
2013	10	102.2	103.4	99.6	102.9	104.2	102.5	103.5
102.2								
2014	15	102.9	103.7	100.9	102.5	105.1	101.9	102.5
103.1								
2015	10	103.4	101.7	99.1	103.0	103.9	101.2	101.7
102.0								

Tabel: 109 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken  
bovenbalk

Basis: Dubbeldoel  
Land: VL

[Auteur]

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	20	86.9	85.7	95.3	88.5	94.4	84.0
1982	39	88.6	87.3	96.8	89.0	93.6	85.6
1983	57	88.8	87.1	96.3	89.5	93.5	85.8
1984	82	88.9	87.6	95.4	90.3	95.0	86.0
1985	128	87.5	86.3	96.9	89.7	93.5	85.7
1986	233	87.6	86.6	97.0	89.6	92.4	85.8
1987	443	88.9	88.0	97.0	90.8	93.1	87.1
1988	508	88.8	87.8	96.9	91.1	93.4	87.2
1989	639	89.3	88.2	96.7	91.5	93.3	87.6
1990	725	89.9	88.6	96.3	91.7	93.5	87.7
1991	664	89.7	87.7	96.0	90.5	92.2	86.6
1992	522	90.7	88.8	96.2	91.0	92.4	87.4
1993	526	91.6	89.3	97.0	91.2	92.1	88.2
1994	525	92.5	89.7	97.1	90.5	91.7	88.1
1995	308	93.0	90.0	97.3	90.4	92.3	88.2
1996	201	93.9	91.2	97.4	92.1	92.9	89.9
1997	109	93.9	90.5	98.1	91.5	92.7	89.7
1998	55	94.6	91.2	98.7	91.4	92.7	90.1
1999	39	94.5	91.6	98.6	93.3	93.7	91.4
2000	22	94.5	91.7	99.5	93.2	93.5	91.8
2001	17	94.3	91.6	99.5	93.1	93.6	91.6
2002	19	96.8	94.3	99.2	94.9	96.1	93.5
2003	11	96.1	93.3	102.2	95.0	93.5	94.7
2004	19	95.9	93.3	100.8	94.9	94.8	94.1
2005	20	96.8	93.7	102.5	95.4	94.5	95.5
2006	20	95.5	92.7	102.8	96.2	93.2	95.7
2013	10	98.7	93.8	104.9	96.1	93.3	97.3
2014	15	98.7	95.8	105.0	97.9	94.9	98.9
2015	10	99.4	96.1	104.1	98.8	95.2	99.3

Tabel: 110 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	49	101.0	101.1	99.4	99.9	99.0	99.8	88.5	100.3
99.6									
1981	86	102.1	98.7	98.6	98.1	99.2	100.3	87.9	98.5
99.0									
1982	122	101.4	98.6	98.1	97.7	98.9	99.9	89.1	98.1
98.6									

[Auteur]

1983	164	101.4	99.0	98.4	98.3	99.1	100.4	89.2	98.5
99.0									
1984	259	101.7	99.3	98.8	98.8	99.4	100.3	89.2	98.9
99.3									
1985	372	101.3	99.5	98.9	99.0	99.6	100.9	89.9	99.1
99.6									
1986	581	101.2	99.0	98.7	98.8	99.5	101.1	91.1	98.8
99.4									
1987	1013	101.8	98.7	98.6	98.4	99.7	101.8	91.7	98.5
99.5									
1988	1050	101.5	98.9	98.6	98.5	99.6	101.8	91.7	98.5
99.5									
1989	1141	101.0	98.7	98.2	98.1	99.0	101.4	91.9	98.2
99.0									
1990	1298	101.1	98.9	98.5	98.5	99.5	102.1	92.4	98.6
99.6									
1991	1318	101.2	98.1	98.2	97.9	99.3	101.9	93.5	97.9
99.1									
1992	1031	101.1	97.9	98.0	97.6	99.0	101.8	94.5	97.7
98.9									
1993	1119	100.7	98.1	97.7	97.4	98.8	101.7	94.8	97.6
98.7									
1994	1193	100.4	97.8	97.3	97.1	98.6	101.9	95.0	97.2
98.5									
1995	783	100.0	97.8	97.0	96.9	98.2	101.6	95.7	97.0
98.2									
1996	502	100.1	97.4	97.2	96.6	98.3	101.5	96.8	96.9
98.2									
1997	271	99.6	96.5	96.3	95.5	97.6	101.6	97.0	95.9
97.4									
1998	131	98.9	97.2	96.5	96.0	97.4	101.5	97.8	96.4
97.6									
1999	95	99.1	96.6	96.3	95.8	97.6	101.8	97.7	95.9
97.5									
2000	57	99.3	96.8	96.2	96.0	97.5	100.8	96.7	96.0
97.2									
2001	40	99.6	96.4	96.5	96.0	97.8	100.4	97.0	95.9
97.2									
2002	43	99.1	96.8	96.5	96.1	97.7	101.0	98.4	96.1
97.5									
2003	38	96.5	97.5	95.2	95.2	95.9	99.9	100.6	95.8
96.3									
2004	42	96.4	97.9	95.6	95.5	95.9	99.3	101.0	96.2
96.4									
2005	38	97.3	96.4	95.4	94.9	96.3	100.3	100.7	95.3
96.3									
2006	31	96.8	96.2	95.0	94.4	95.9	99.8	101.8	95.0
96.0									
2007	31	96.0	96.7	94.6	94.4	95.3	99.9	102.1	95.0
95.8									

[Auteur]

2008	40	97.4	97.2	95.8	95.5	96.6	100.3	101.3	96.0
96.8									
2009	33	97.3	97.1	95.7	95.5	96.5	100.1	101.6	95.8
96.6									
2010	17	97.4	98.1	96.8	96.6	97.5	100.4	102.5	97.1
97.8									
2011	20	96.4	98.2	96.0	96.2	96.3	98.8	102.8	96.6
96.7									
2012	16	97.1	98.1	96.4	96.3	96.8	99.5	101.4	96.8
97.1									
2013	29	98.6	95.6	95.9	95.0	97.3	100.8	100.8	95.2
96.8									
2014	37	98.3	96.7	97.0	96.0	97.9	99.8	103.4	96.5
97.5									
2015	34	100.1	97.3	98.6	97.6	99.8	102.0	103.6	97.6
99.3									
2016	27	98.6	96.9	96.9	96.1	97.7	100.3	102.3	96.4
97.6									
2017	24	99.1	98.2	98.4	98.2	99.2	101.8	103.5	98.2
99.2									
2020	11	98.9	98.5	98.5	98.2	99.3	100.9	102.5	98.4
99.1									
2021	10	98.1	98.8	98.3	98.2	98.5	98.0	103.2	98.2
98.1									

Tabel: 111 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	20	98.5	97.6	97.9	102.7	103.0
1982	38	98.9	98.2	98.4	102.9	102.6
1983	55	98.1	96.9	97.4	101.8	101.7
1984	79	97.7	96.2	97.1	101.7	102.3
1985	126	97.8	95.8	96.9	101.7	101.8
1986	223	97.6	95.4	96.3	100.4	100.9
1987	437	98.0	95.4	96.3	100.5	100.6
1988	484	98.0	95.7	96.2	100.4	100.7
1989	583	97.6	95.8	96.2	100.2	100.6
1990	659	97.8	95.9	95.9	99.3	100.0
1991	598	98.1	96.2	96.1	99.9	100.0
1992	497	98.3	96.8	96.4	100.0	100.3
1993	500	99.5	96.9	96.1	99.8	99.9
1994	495	100.4	96.9	96.4	100.1	99.6
1995	286	99.8	96.8	96.2	99.6	99.5
1996	195	99.7	97.7	95.5	98.5	99.4

[Auteur]

1997	96	99.3	97.9	96.1	99.0	99.4
1998	54	98.8	96.2	96.0	99.0	99.1
1999	37	98.1	96.0	95.8	98.5	98.4
2000	23	98.5	95.6	96.9	99.4	99.2
2001	17	98.5	95.9	96.1	98.8	98.4
2002	22	99.7	97.3	96.3	98.6	98.3
2003	10	98.8	97.8	95.6	98.2	98.0
2004	18	98.5	96.3	96.2	98.3	97.6
2005	20	98.9	97.5	97.0	98.6	97.8
2006	21	98.8	98.0	97.4	99.2	98.4
2014	15	99.5	99.9	98.0	99.2	98.4

Tabel: 112 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14	-187.7	-414.1	-97.0	103.2	99.6	92.8	88.6	96.9
0.0									
1981	32	-182.8	-382.4	-80.1	103.1	99.0	95.3	88.5	97.4
0.0									
1982	60	-170.9	-362.6	3.8	103.1	98.6	96.8	89.0	97.4
0.0									
1983	104	-188.4	-389.3	-69.8	102.0	99.0	96.3	89.5	96.9
0.0									
1984	169	-187.7	-417.0	-79.7	102.3	99.3	95.4	90.3	97.9
0.0									
1985	269	-181.0	-385.9	-122.5	101.9	99.6	96.9	89.7	98.2
181.2									
1986	481	-186.3	-379.8	-120.7	100.8	99.4	97.0	89.6	98.0
177.5									
1987	915	-183.2	-372.4	-151.5	100.6	99.5	97.0	90.8	97.5
157.3									
1988	985	-178.6	-366.7	-143.0	100.6	99.5	96.9	91.1	97.6
154.9									
1989	1062	-180.5	-359.5	-142.0	100.5	99.0	96.7	91.5	97.5
145.9									
1990	1220	-179.3	-360.0	-117.4	99.7	99.6	96.3	91.7	97.9
141.7									
1991	1205	-177.8	-303.8	-123.1	100.0	99.1	96.0	90.5	97.8
144.1									
1992	950	-171.6	-295.3	-132.6	100.2	98.9	96.2	91.0	97.6
129.4									

[Auteur]

1993	1026	-156.9	-270.1	-125.7	99.8	98.7	97.0	91.2	97.6
116.1									
1994	1070	-146.4	-225.2	-118.2	99.8	98.5	97.1	90.5	97.7
109.1									
1995	689	-146.7	-207.7	-119.0	99.5	98.2	97.3	90.4	97.6
103.3									
1996	447	-138.1	-190.6	-116.6	98.9	98.2	97.4	92.1	98.1
94.6									
1997	236	-135.6	-143.5	-135.2	99.1	97.4	98.1	91.5	97.7
98.9									
1998	120	-132.4	-117.8	-147.7	98.9	97.6	98.7	91.4	97.6
84.6									
1999	88	-126.5	-115.2	-155.0	98.2	97.5	98.6	93.3	97.6
83.3									
2000	54	-118.0	-108.8	-184.2	99.2	97.2	99.5	93.2	97.8
81.6									
2001	38	-76.6	4.3	-59.6	98.4	97.2	99.5	93.1	97.9
67.5									
2002	41	-94.3	-47.6	-116.8	98.3	97.5	99.2	94.9	97.5
40.8									
2003	36	-73.4	3.3	-78.9	97.8	96.3	102.2	95.0	96.8
63.1									
2004	40	-80.4	-5.1	-154.8	97.6	96.4	100.8	94.9	96.2
63.2									
2005	34	-38.6	112.3	-23.1	97.8	96.3	102.5	95.4	96.3
44.0									
2006	29	-28.7	102.1	28.3	98.6	96.0	102.8	96.2	96.9
59.1									
2007	26	-35.4	94.3	-27.0	98.4	95.8	100.8	96.7	95.8
17.0									
2008	25	-74.8	30.3	-126.1	97.0	96.8	99.7	96.9	96.6
13.6									
2009	18	-31.2	69.3	40.7	97.8	96.6	105.0	97.6	97.1
26.0									
2010	14	-21.8	75.2	24.6	98.4	97.8	105.0	100.0	97.8
4.0									
2011	19	9.8	154.3	94.9	98.3	96.7	103.8	98.0	97.5
36.3									
2012	13	2.2	110.6	55.8	99.5	97.1	104.4	99.8	97.7
19.2									
2013	20	17.4	142.2	63.2	98.8	96.8	104.9	96.1	97.8
32.9									
2014	30	5.6	101.9	54.9	98.6	97.5	105.0	97.9	98.5
21.8									
2015	18	1.4	122.7	47.5	95.9	99.3	104.1	98.8	98.3
13.5									
2016	12	33.7	193.0	171.7	98.3	97.6	104.5	98.5	98.6
19.8									
2017	11	91.6	210.3	213.8	99.3	99.2	106.3	98.0	99.6
-26.7									

[Auteur]

2018 10 82.9 205.9 141.6 99.3 99.2 109.5 100.0 99.2  
7.7

Tabel: 113 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	11	92.9	93.7	98.3	97.1	93.5	96.5	94.9
1987	37	93.4	93.0	98.9	98.2	93.3	96.1	95.6
1988	32	93.0	92.5	98.8	97.8	93.0	95.7	95.7
1989	31	93.6	93.2	99.1	97.9	93.4	96.0	95.7
1990	22	92.7	93.2	98.4	97.5	93.0	95.8	95.1
1991	68	90.5	91.1	96.7	95.8	91.9	94.9	95.2
1992	64	90.8	91.9	96.5	95.6	92.6	95.2	95.6
1993	88	91.7	94.1	96.2	95.6	93.5	96.5	96.4
1994	148	91.9	94.7	96.3	95.6	93.7	96.8	96.0
1995	98	92.6	94.4	97.4	96.1	93.5	97.2	95.7
1996	64	93.4	93.3	98.9	97.7	93.1	98.0	94.9
1997	51	92.8	93.4	97.7	97.3	93.7	96.7	95.9
1998	37	92.8	93.7	97.9	97.0	93.2	96.3	95.7
1999	22	94.7	96.0	98.6	97.7	95.4	96.8	96.7
2000	16	93.3	95.1	97.6	97.4	94.2	96.8	95.6
2001	12	95.0	95.4	99.5	98.1	95.2	98.1	95.8
2002	16	93.2	95.1	97.2	96.8	95.6	97.6	96.0
2003	11	95.3	96.6	98.6	98.5	95.4	97.9	96.5
2004	15	95.1	96.5	98.6	97.9	96.4	96.5	96.9
2005	18	96.2	97.2	98.5	99.1	97.3	97.9	98.6
2006	19	94.9	95.8	97.9	98.4	96.3	97.5	98.1
2013	11	96.5	97.5	98.9	98.8	97.8	98.4	98.5
2014	17	97.0	98.2	98.3	98.1	98.8	98.8	100.2
2015	12	95.8	96.0	98.2	97.8	96.9	99.3	99.5

Tabel: 114 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskennmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	10	97.1	98.2	97.1	98.2	97.8	98.8
1982	16	96.2	98.2	96.2	98.2	97.2	98.4
1983	23	96.1	98.6	96.1	98.6	97.3	98.7
1984	25	96.8	98.8	96.8	98.8	97.5	98.8
1985	45	98.4	98.4	98.4	98.4	98.6	99.9

[Auteur]



1986	75	98.1	98.2	98.1	98.2	98.9	99.3
1987	130	97.5	98.4	97.5	98.4	98.2	99.5
1988	128	97.4	98.4	97.4	98.4	98.2	99.6
1989	130	97.3	98.2	97.3	98.2	98.2	99.1
1990	117	97.1	98.4	97.1	98.4	97.8	99.0
1991	162	97.8	98.2	97.8	98.2	98.9	98.4
1992	142	97.7	98.2	97.7	98.2	98.6	98.3
1993	145	97.8	98.4	97.8	98.4	98.7	98.2
1994	183	97.6	98.5	97.6	98.5	98.7	97.7
1995	136	97.8	98.5	97.8	98.5	99.2	97.9
1996	95	98.2	98.8	98.2	98.8	99.2	98.7
1997	69	99.0	98.0	99.0	98.0	100.4	98.0
1998	42	98.6	98.6	98.6	98.6	100.0	98.4
1999	34	98.2	98.4	98.2	98.4	99.4	98.3
2000	29	99.2	98.8	99.2	98.8	100.7	99.1
2001	21	98.8	97.8	98.8	97.8	100.3	98.9
2002	31	98.2	98.4	98.2	98.4	99.5	99.4
2003	25	98.7	97.6	98.7	97.6	99.5	98.7
2004	34	98.1	97.2	98.1	97.2	99.5	98.1
2005	33	98.2	96.8	98.2	96.8	99.8	97.7
2006	29	98.9	97.1	98.9	97.1	100.4	97.8
2007	20	99.0	96.0	99.0	96.0	100.8	97.4
2008	34	98.9	97.1	98.9	97.1	100.6	97.9
2009	34	99.6	97.1	99.6	97.1	101.1	98.2
2010	16	99.3	97.6	99.3	97.6	100.7	99.1
2011	19	99.6	97.9	99.6	97.9	101.4	98.6
2012	17	99.1	97.9	99.1	97.9	100.8	98.9
2013	27	99.6	97.8	99.6	97.8	100.9	99.0
2014	40	99.6	98.5	99.6	98.5	102.0	99.5
2015	40	98.7	99.1	98.7	99.1	101.3	99.8
2016	33	99.9	98.5	99.9	98.4	101.9	99.8
2017	34	99.9	99.7	99.9	99.6	102.8	100.8
2020	12	99.0	99.8	99.0	99.8	101.2	99.8
2021	18	100.5	99.4	100.5	99.4	102.6	100.5
2022	13	100.8	99.5	100.8	99.5	103.8	99.5
2023	12	100.2	100.1	100.2	100.1	103.4	100.6

Tabel: 115 MRIJ - Holstein Friesian roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	20	93.5	104.2	107.3	97.7	99.1	104.6
1982	43	93.3	105.3	107.4	98.3	100.3	103.3
1983	57	94.5	103.6	105.9	98.5	99.7	101.2
1984	103	95.8	102.9	105.0	99.4	99.3	101.2
1985	168	97.5	101.7	103.0	98.1	99.7	101.2

[Auteur]

1986	261	96.4	102.0	103.9	98.5	99.4	100.1
1987	473	96.2	102.8	104.4	98.4	100.0	102.2
1988	492	97.1	102.5	103.5	98.2	100.0	102.0
1989	495	96.3	102.9	104.3	97.9	99.8	101.9
1990	608	96.1	102.9	104.4	98.6	100.1	100.6
1991	598	95.9	102.3	104.3	97.2	100.1	101.6
1992	469	95.8	102.8	104.6	97.4	100.2	101.7
1993	498	96.1	102.8	104.6	98.9	101.0	100.9
1994	465	96.1	102.1	104.6	99.4	101.7	101.1
1995	304	95.1	102.5	105.6	99.6	101.4	100.9
1996	191	96.5	102.5	104.4	99.4	101.0	100.6
1997	124	95.8	102.3	104.7	97.0	100.5	101.9
1998	49	96.2	102.0	104.1	97.6	100.5	101.3
1999	51	96.0	102.4	104.9	98.8	100.8	100.6
2000	28	97.6	101.0	103.4	99.7	99.7	99.5
2001	21	96.3	100.7	104.3	99.7	99.9	99.5
2002	24	97.0	101.0	103.5	99.7	100.0	99.2
2003	16	94.2	102.9	105.9	97.2	99.3	99.4
2004	27	96.3	102.4	104.3	98.1	101.7	100.3
2005	23	96.7	102.4	104.0	97.7	103.3	101.0
2006	21	96.4	102.3	103.8	96.4	101.1	101.0
2007	16	96.7	101.8	103.8	95.9	102.9	102.6
2008	26	96.9	101.8	103.8	97.1	102.3	102.9
2009	18	96.3	102.7	104.4	97.0	103.1	101.9
2010	13	98.4	102.3	102.3	96.7	101.8	101.2
2011	15	96.9	101.7	104.1	101.1	100.7	97.7
2012	11	98.2	102.1	102.7	100.2	100.5	98.2
2013	25	97.4	101.0	103.5	98.6	100.9	100.4
2014	36	98.0	100.8	103.1	99.0	101.0	101.0
2015	32	97.5	99.7	102.9	98.3	99.9	99.7
2016	24	97.6	100.4	103.1	99.5	99.7	98.8
2017	23	98.6	98.5	102.2	100.3	99.1	99.1

Tabel: 116 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1981	11	103.3	102.2	99.0	103.5	101.6	99.1	103.8	99.1	103.3
98.8	103.6									
1982	21	102.2	99.2	99.3	102.1	99.9	99.5	103.0	99.3	101.0
99.6	102.0									
1983	35	101.6	98.8	99.1	101.4	100.0	99.1	102.5	99.1	100.9
98.9	101.5									

[Auteur]

1984	38	102.1	100.9	98.6	102.4	101.2	99.1	102.4	99.2	102.3
98.8	102.2									
1985	63	101.3	99.1	97.6	100.9	99.5	97.6	102.3	99.2	100.3
97.7	100.4									
1986	116	101.0	97.7	98.5	100.4	99.0	98.2	101.7	99.8	99.9
98.1	100.2									
1987	207	101.6	97.8	98.4	100.7	99.5	98.3	102.6	99.2	100.4
98.0	101.2									
1988	182	101.5	98.1	98.5	100.6	99.8	98.5	102.4	99.2	100.6
98.3	101.1									
1989	190	101.6	97.6	98.9	100.7	99.4	98.4	102.7	98.9	100.0
98.1	101.2									
1990	212	101.5	98.6	98.4	101.4	99.4	98.7	102.4	99.1	100.4
98.4	101.4									
1991	255	100.4	97.1	98.8	100.5	98.2	98.7	101.5	99.1	99.4
98.1	100.3									
1992	222	100.4	96.5	99.1	100.5	97.8	98.4	101.7	99.1	98.8
97.9	100.3									
1993	245	101.2	95.7	99.7	100.7	98.1	98.2	102.5	99.5	98.2
98.4	101.0									
1994	284	101.4	94.6	100.2	100.7	97.5	97.9	103.0	99.7	97.4
98.4	101.6									
1995	197	101.1	94.3	100.5	100.6	96.7	98.5	102.6	100.2	96.9
98.3	101.7									
1996	135	100.3	94.6	100.4	100.6	95.9	99.8	101.5	100.5	97.0
98.8	101.3									
1997	98	99.6	93.8	101.2	99.8	95.4	99.6	100.7	100.6	96.5
98.8	100.3									
1998	52	99.3	93.6	100.8	100.2	95.0	99.3	100.7	100.0	96.3
97.9	100.9									
1999	52	99.6	92.6	101.1	99.4	95.0	99.4	100.7	100.7	95.7
98.5	99.8									
2000	37	99.5	93.9	100.2	100.6	95.7	99.4	100.8	100.2	96.0
98.8	99.7									
2001	27	98.5	92.7	102.2	99.2	95.4	100.2	99.6	100.3	95.6
99.6	98.7									
2002	34	98.4	93.3	101.8	99.2	95.1	100.3	99.6	99.7	95.8
99.5	98.9									
2003	30	97.9	90.6	102.7	98.6	93.2	100.2	99.1	101.3	93.9
99.6	97.7									
2004	34	98.3	92.1	101.0	99.5	93.4	99.6	99.4	101.4	94.2
98.4	98.8									
2005	35	97.8	91.3	101.4	99.8	92.7	100.2	98.8	101.6	93.8
98.8	99.1									
2006	28	97.6	90.0	102.5	98.4	92.5	100.1	98.9	101.4	93.1
99.7	97.2									
2007	24	96.9	90.3	102.0	97.8	92.0	100.5	97.7	102.0	93.4
99.3	97.2									
2008	21	98.1	92.6	101.0	99.7	93.6	100.3	99.0	101.5	94.6
99.0	99.0									

[Auteur]

2009	17	97.2	91.0	102.1	98.5	92.6	100.6	98.2	101.1	93.1
99.9	96.8									
2011	14	95.8	90.9	101.0	98.7	91.0	100.9	96.8	100.6	93.2
99.1	96.9									
2012	10	95.7	92.0	100.5	98.9	91.7	101.5	97.4	99.6	93.3
99.6	97.8									
2013	21	96.2	91.9	102.1	98.6	92.3	101.7	98.0	98.8	94.0
100.4	97.0									
2014	23	96.3	90.7	101.7	98.3	92.3	101.3	98.0	99.2	93.1
99.4	98.2									
2015	14	95.9	91.3	101.1	98.6	92.1	101.8	97.2	99.9	94.0
99.9	97.3									
2016	12	96.8	91.0	101.8	97.8	92.7	100.5	98.6	99.6	93.2
100.0	96.8									

Tabel: 117 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	12	98.2	97.6	101.4
1983	14	98.3	97.9	101.4
1984	11	97.5	97.2	101.2
1985	15	97.8	97.4	101.6
1986	30	97.9	97.1	101.5
1987	44	97.8	97.2	101.6
1988	44	98.2	97.4	101.5
1989	36	97.6	97.0	101.4
1990	37	97.1	96.9	101.3
1991	61	98.0	97.4	101.6
1992	46	97.5	97.1	101.2
1993	51	97.3	97.1	101.2
1994	66	97.7	97.4	101.2
1995	49	98.7	98.2	101.6
1996	44	98.0	97.5	100.9
1997	32	98.4	98.0	101.3
1998	23	98.0	97.7	101.4
1999	16	97.8	97.4	101.4
2000	17	97.4	97.5	101.9
2001	19	98.3	97.9	101.1
2002	22	97.9	98.0	100.8
2003	10	99.3	98.8	101.1
2004	22	98.5	98.1	100.9
2005	23	99.4	98.8	101.6
2006	17	99.1	98.5	100.9
2007	15	99.5	99.1	101.9

[Auteur]

2008	28	98.1	97.8	100.9
2009	26	98.7	98.1	101.3
2010	12	98.4	97.9	100.6
2011	12	98.7	98.9	100.0
2012	12	99.4	99.4	99.9
2013	10	99.5	99.3	100.5
2014	17	99.7	99.1	100.1

Tabel: 118 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	38	-1027.1	-3480.1	-150.3	-134.0
2002	41	-1574.1	-5463.1	-230.7	-205.1
2003	35	-1139.0	-4245.5	-156.2	-155.9
2004	40	-1700.5	-6228.4	-243.1	-225.8
2005	35	-365.8	-1631.6	-29.4	-64.6
2006	29	51.5	419.3	15.2	1.3
2007	26	-481.3	-2149.1	-54.8	-73.7
2008	25	-1280.8	-5108.2	-179.9	-172.3
2009	18	-33.1	-130.6	1.4	-8.7
2010	14	-138.6	-816.9	-4.9	-28.8
2011	20	692.8	2032.2	128.2	71.7
2012	13	361.7	467.8	79.1	28.9
2013	20	356.5	1165.3	56.0	43.9
2014	31	147.8	462.1	21.4	19.5
2015	23	209.7	821.6	41.9	19.5
2016	15	1472.2	5817.1	223.3	186.6
2017	13	2329.8	8341.8	358.5	291.7
2018	10	1477.0	4916.7	249.8	169.2

Tabel: 119 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1982	10	94.1	92.2	99.6	90.4
1986	20	94.4	92.0	97.8	88.8
1987	28	95.2	91.3	97.7	88.9
1988	30	95.5	92.1	97.6	89.7
1989	25	95.1	90.9	97.2	88.5
1990	15	94.3	89.5	97.4	86.9
1991	45	95.3	91.8	97.8	89.3

[Auteur]

1992	31	95.3	90.9	97.7	88.6
1993	35	95.7	91.7	97.0	89.2
1994	55	96.1	92.2	96.8	89.3
1995	31	96.8	89.8	96.8	88.7
1996	25	96.5	90.2	97.0	88.8
1997	17	96.4	90.5	98.5	89.9
1998	10	95.5	91.8	98.0	89.5
2002	11	95.1	93.0	98.2	90.1
2014	11	101.0	98.5	97.8	98.0

Tabel: 120 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	14	96.7	98.2	0	0.0	0.0	0	0.0
1981	32	96.1	98.7	0	0.0	0.0	0	0.0
1982	60	96.0	100.0	0	0.0	0.0	0	0.0
1983	104	95.4	98.8	0	0.0	0.0	0	0.0
1984	169	95.1	97.9	0	0.0	0.0	0	0.0
1985	269	94.5	98.1	128	-3.8	181.2	0	0.0
1986	481	94.0	97.6	235	-3.7	177.5	0	0.0
1987	915	93.9	97.5	445	-3.5	157.3	0	0.0
1988	985	93.9	97.3	511	-3.5	154.9	0	0.0
1989	1062	94.1	97.7	639	-3.4	145.9	0	0.0
1990	1220	93.6	97.5	727	-3.3	141.7	0	0.0
1991	1205	93.8	97.6	664	-3.1	144.1	0	0.0
1992	950	93.9	97.8	523	-2.8	129.4	0	0.0
1993	1026	94.4	97.8	529	-2.5	116.1	0	0.0
1994	1070	94.5	98.0	526	-2.2	109.1	0	0.0
1995	689	94.4	98.0	311	-2.0	103.3	0	0.0
1996	447	93.5	97.4	201	-1.9	94.6	0	0.0
1997	236	94.4	97.8	110	-1.6	98.9	0	0.0
1998	120	94.4	97.8	56	-1.3	84.6	0	0.0
1999	88	94.9	97.8	40	-1.4	83.3	0	0.0
2000	54	94.2	97.5	22	-1.4	81.6	0	0.0
2001	38	95.9	97.8	19	-0.6	67.5	17	93.8
2002	41	96.2	98.2	23	-0.5	40.8	19	96.5
2003	36	96.0	98.2	11	-0.3	63.1	11	94.9
2004	40	95.4	98.2	19	-0.7	63.2	19	95.2
2005	34	96.3	98.8	20	0.5	44.0	20	95.7
2006	29	96.6	98.4	21	0.3	59.1	21	94.4
2007	26	96.9	99.3	6	0.2	17.0	6	98.5
2008	25	95.9	98.8	8	0.3	13.6	8	98.8
2009	18	95.8	97.8	7	0.8	26.0	7	96.3
2010	14	96.6	98.7	4	1.2	4.0	4	98.5

[Auteur]

2011	19	96.7	97.9	6	0.1	36.3	6	96.2
2012	13	97.5	100.8	6	0.5	19.2	6	97.8
2013	20	96.3	99.7	10	0.6	32.9	10	95.8
2014	30	96.5	98.3	15	0.3	21.8	15	97.0
2015	18	96.4	97.7	10	0.7	13.5	10	97.4
2016	12	98.1	98.5	9	0.5	19.8	9	97.0
2017	11	98.3	100.2	6	1.3	-26.7	6	100.7
2018	10	97.0	99.5	3	0.9	7.7	3	98.7

Tabel: 121 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1982	15	99.6	1	100.0	1	93.0	15	94.8
1983	17	99.4	0	0.0	0	0.0	17	93.1
1984	18	99.7	0	0.0	0	0.0	18	94.6
1985	26	99.5	0	0.0	0	0.0	26	92.8
1986	54	99.6	1	101.0	1	98.0	54	93.3
1987	95	99.6	0	0.0	0	0.0	95	93.7
1988	91	99.6	0	0.0	0	0.0	91	93.9
1989	93	99.4	0	0.0	0	0.0	93	93.5
1990	75	99.6	1	99.0	1	94.0	75	94.2
1991	110	99.0	10	96.7	10	98.4	110	93.1
1992	97	98.9	5	96.4	5	98.2	97	92.8
1993	104	99.1	0	0.0	0	0.0	104	92.7
1994	131	99.1	5	99.0	4	96.8	131	92.5
1995	94	99.0	9	102.2	9	95.6	94	91.8
1996	72	99.2	4	103.2	4	97.0	72	91.6
1997	48	98.6	7	98.9	7	96.4	48	91.6
1998	34	98.6	4	99.8	4	98.8	34	91.3
1999	19	99.4	4	102.2	3	99.0	19	92.5
2000	18	99.1	1	95.0	1	98.0	18	92.9
2001	19	99.9	3	102.0	3	98.7	19	94.2
2002	23	100.0	1	104.0	1	97.0	23	94.2
2003	14	99.4	1	101.0	1	98.0	14	92.9
2004	22	98.8	2	100.0	2	97.0	22	93.0
2005	27	98.6	3	101.7	3	97.7	27	92.9
2006	20	98.5	1	98.0	1	101.0	20	92.5
2007	10	99.5	0	0.0	0	0.0	10	96.1
2008	16	99.1	1	100.0	1	98.0	16	94.2
2009	14	99.2	2	101.0	2	98.0	14	95.4
2010	12	99.2	1	99.0	1	99.0	12	94.3
2011	19	99.4	2	102.5	2	97.5	19	93.8
2012	13	99.5	3	101.0	3	99.0	13	94.8
2013	19	99.4	1	103.0	2	99.0	19	95.1
2014	28	100.0	6	101.5	5	97.4	28	97.6

[Auteur]

2015	16	100.1	0	0.0	0	0.0	16	96.6
2016	12	99.8	3	100.7	2	98.0	12	96.7
2017	11	100.0	0	0.0	0	0.0	11	97.5
2018	10	100.3	2	101.0	2	98.0	10	96.9

Tabel: 122 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen  
Basis: Dubbeloel  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	19	100.8	100.6	100.7	100.7	98.9	99.9
1992	10	101.6	101.1	101.1	101.4	99.6	100.4
1993	14	100.7	99.9	100.9	100.1	100.6	100.9
1994	33	101.2	100.3	101.2	100.2	100.8	101.0
1995	22	100.3	100.0	100.8	99.5	99.6	100.5
1996	18	99.5	98.9	99.7	98.9	99.4	99.7
1997	11	99.3	99.0	98.4	99.1	98.8	98.9
2014	11	100.5	99.6	100.1	100.5	99.6	100.0

Tabel: 123 Jersey: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	10	-3472.3	-66.5	-98.7	-157.4	193.3	56.1	1.6	-623.8
1986	13	-2867.9	-66.2	-86.4	-129.6	126.6	34.1	1.8	-570.3
1987	28	-3169.7	-69.0	-93.3	-143.5	152.9	44.1	1.7	-608.4
1988	22	-3173.0	-64.2	-92.1	-143.6	159.5	45.1	1.9	-588.9
1989	26	-3462.8	-79.5	-101.7	-156.8	171.6	52.2	1.8	-675.8
1990	27	-3281.9	-67.5	-95.9	-148.6	168.3	46.9	1.7	-614.6
1991	30	-3184.9	-66.0	-93.1	-144.2	164.6	46.3	1.8	-598.1
1992	33	-3127.3	-66.2	-91.1	-141.5	155.9	44.9	1.7	-590.1
1993	28	-2938.6	-64.0	-84.8	-132.9	140.1	43.0	1.7	-556.8
1994	29	-2664.7	-55.1	-75.9	-120.3	126.2	38.5	1.9	-491.8
1995	25	-2813.4	-55.8	-79.8	-127.2	136.7	41.0	1.6	-510.7
1996	31	-2925.2	-60.3	-83.8	-132.3	142.4	42.4	1.7	-541.5
1997	36	-3039.1	-62.2	-85.9	-137.5	148.9	46.8	1.8	-555.9
1998	31	-2774.5	-56.5	-80.0	-125.4	132.0	38.4	1.7	-513.5
1999	49	-2661.6	-49.0	-74.4	-120.2	129.7	39.2	1.8	-466.9
2000	45	-2628.5	-49.1	-73.8	-118.4	127.1	38.2	2.3	-464.6
2001	49	-2758.5	-52.5	-76.2	-124.3	133.0	42.9	2.5	-485.2
2002	45	-2671.0	-48.6	-75.0	-120.6	132.0	38.9	1.8	-468.3
2003	49	-2686.3	-48.1	-73.6	-117.7	134.8	43.1	8.8	-460.7
2004	52	-2436.3	-43.5	-66.0	-108.3	116.8	38.2	5.0	-414.2

[Auteur]



2005	61	-2562.3	-45.2	-69.1	-114.1	125.7	41.4	5.0	-433.0
2006	71	-2564.8	-44.1	-70.3	-115.3	127.7	39.4	2.7	-434.5
2007	87	-2544.3	-38.8	-67.1	-114.3	134.9	43.8	2.6	-405.0
2008	103	-2533.7	-38.4	-66.3	-113.9	134.4	44.2	2.7	-400.3
2009	98	-2472.5	-37.6	-65.0	-111.7	129.1	42.0	1.6	-392.3
2010	142	-2384.6	-35.5	-61.7	-107.7	124.9	42.1	1.5	-371.6
2011	126	-2395.5	-33.1	-61.6	-108.0	129.4	42.7	1.9	-364.5
2012	130	-2427.3	-32.1	-59.9	-109.5	134.9	48.1	1.8	-354.2
2013	188	-2464.8	-32.2	-61.5	-110.9	139.1	48.3	2.4	-361.4
2014	139	-2505.5	-29.9	-60.8	-114.4	146.9	52.3	-0.6	-351.0
2015	137	-2368.7	-26.0	-55.7	-108.3	139.0	51.2	-0.7	-317.4
2016	122	-2304.3	-24.9	-55.5	-104.9	134.5	47.1	0.1	-313.2
2017	105	-2330.1	-27.8	-55.0	-108.0	133.1	50.0	-3.1	-320.0
2018	101	-2200.1	-24.0	-52.3	-102.0	127.3	46.0	-2.9	-297.0
2019	48	-2279.4	-27.2	-52.1	-109.3	128.2	51.3	-9.2	-306.0
2020	49	-2080.1	-17.0	-46.1	-101.0	126.6	48.0	-10.0	-249.3
2021	63	-2074.9	-16.4	-45.2	-103.3	127.5	49.1	-14.3	-243.4
2022	17	-2164.6	-21.0	-50.9	-104.9	127.7	45.4	-10.3	-282.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 124 Jersey: Exterieurkenmerken bouw  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	14	71.7	77.8	84.3	90.4	90.1	95.6	79.6
1991	12	72.7	77.9	83.8	89.4	90.6	94.2	79.1
1992	14	71.1	77.6	84.1	89.6	90.2	95.0	78.6
1993	16	72.6	77.4	83.9	90.0	89.7	95.5	79.5
1994	17	71.6	77.5	83.4	89.4	90.2	95.4	79.0
1995	14	73.1	78.1	84.0	89.7	90.7	94.5	79.8
1996	12	71.3	76.8	83.0	89.0	90.7	94.8	78.9
1997	12	72.0	77.9	84.3	89.9	90.2	94.7	79.2
1998	12	71.9	78.3	84.4	90.3	90.6	95.0	80.2
1999	23	71.9	78.7	85.0	91.1	90.0	97.6	79.7
2000	14	72.0	78.4	85.0	90.5	90.6	96.5	78.6
2001	16	72.2	77.8	84.5	90.7	89.6	96.4	78.9
2002	17	71.5	78.1	84.8	90.9	89.6	96.5	79.1
2003	16	72.6	78.1	85.4	91.8	89.5	96.1	80.2
2004	18	72.8	78.0	86.0	92.2	89.1	96.9	79.8
2005	13	71.6	77.7	85.4	91.3	89.2	96.5	80.1
2006	24	71.8	77.6	84.3	90.4	89.9	95.8	79.9
2007	34	72.3	78.3	85.4	91.8	89.4	96.8	80.0
2008	44	73.0	79.1	85.7	91.5	90.2	96.6	80.5
2009	35	73.1	79.1	86.4	92.3	89.8	97.0	80.7
2010	57	72.9	78.5	86.0	92.1	89.5	97.2	80.2
2011	48	72.4	77.9	85.5	91.8	88.9	97.4	80.2

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2012	52	73.0	78.1	86.1	92.2	89.2	97.5	79.8
2013	58	73.4	78.6	86.3	92.3	89.5	97.7	80.2
2014	51	72.5	79.5	86.0	91.8	90.4	97.6	80.7
2015	46	73.0	78.8	86.5	92.7	89.4	97.4	80.7
2016	24	73.1	78.7	86.0	92.0	90.3	98.5	80.4
2017	24	73.4	78.6	86.0	92.1	89.7	97.5	80.6
2018	21	72.7	79.9	86.3	92.3	90.0	97.8	81.6
2019	16	74.3	81.1	87.9	93.1	90.5	96.9	82.2
2020	18	73.1	79.6	87.1	92.7	89.8	97.0	80.7
2021	22	74.4	80.5	88.0	93.2	90.5	97.5	83.4

Tabel: 125 Jersey: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	14	101.9	107.2	89.9	94.3	105.0
1991	12	100.6	106.8	89.7	93.6	103.3
1992	14	103.8	107.4	90.3	94.9	106.7
1993	16	103.2	106.7	90.2	95.1	106.2
1994	17	102.5	106.0	91.1	95.3	105.7
1995	14	103.1	106.1	91.1	95.0	106.2
1996	12	102.3	106.1	90.4	94.1	105.0
1997	12	102.2	106.5	90.1	94.5	105.2
1998	12	101.6	106.6	90.6	94.9	104.8
1999	23	103.7	105.9	90.9	95.0	106.9
2000	14	104.8	106.3	89.9	95.0	108.2
2001	16	103.9	106.4	90.3	95.1	107.2
2002	17	102.8	106.4	90.5	94.8	106.1
2003	16	103.5	106.7	90.0	94.8	106.9
2004	18	104.3	106.3	89.9	94.8	107.8
2005	13	104.7	106.8	89.7	95.1	107.6
2006	24	103.6	106.8	89.8	94.4	106.6
2007	34	104.3	106.7	90.1	95.4	107.6
2008	44	103.5	106.6	90.4	95.2	106.8
2009	35	103.6	106.8	90.2	95.1	107.1
2010	57	104.3	106.5	90.0	94.8	107.5
2011	48	104.1	106.6	89.9	94.7	107.3
2012	52	103.9	106.7	89.9	94.5	107.2
2013	58	104.2	106.4	90.3	94.8	107.6
2014	51	103.6	106.3	90.2	95.2	106.9
2015	46	104.2	107.0	89.9	94.8	107.8
2016	24	104.6	105.5	91.2	94.8	108.0
2017	24	104.4	106.6	90.2	95.1	107.8
2018	21	103.6	106.8	90.1	94.7	106.9
2019	16	103.5	106.6	89.7	95.7	107.1
2020	18	104.7	106.1	90.4	94.2	107.8

[Auteur]

2021            22    104.8    106.3    90.0    95.4    108.4

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Tabel: 126 Jersey: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1987 95.1	14	90.3	93.6	104.5	86.8	94.1	95.7	94.6
1991 94.3	12	90.4	92.2	104.7	86.9	93.7	94.6	93.2
1992 95.1	14	89.8	93.4	104.6	85.9	94.1	95.4	94.1
1993 95.3	16	90.2	93.6	105.4	86.1	94.4	95.5	94.5
1994 95.2	17	90.4	93.5	104.8	86.5	94.5	95.6	94.1
1995 95.3	14	90.5	95.1	104.6	86.3	94.2	95.9	95.3
1996 95.0	12	89.2	92.2	104.6	85.0	93.8	94.7	92.8
1997 94.9	12	91.3	94.0	104.3	87.2	94.8	95.5	94.2
1998 95.8	12	91.3	94.5	105.0	87.2	95.2	95.8	94.9
1999 95.3	23	90.8	94.6	104.5	87.1	94.8	96.5	95.5
2000 96.2	14	91.4	96.0	104.9	86.8	95.6	96.5	96.4
2001 95.8	16	90.4	94.9	105.1	86.4	94.8	96.2	95.6
2002 95.9	17	90.9	95.5	104.8	86.9	95.2	96.6	96.4
2003 95.5	16	91.8	95.6	104.2	87.1	96.0	96.6	95.9
2004 96.2	18	92.4	95.9	105.8	87.1	96.9	97.3	96.6
2005 95.5	13	91.6	95.1	104.7	87.1	96.1	96.8	96.1
2006 95.8	24	92.8	95.1	104.8	88.4	96.2	96.9	95.9
2007 95.9	34	92.2	95.5	105.1	87.6	96.3	96.3	95.9
2008 95.7	44	92.5	95.7	105.2	87.9	96.0	96.7	96.1

[Auteur]

2009	35	92.6	95.3	105.7	88.1	95.9	96.5	95.8
96.1								
2010	57	93.3	95.2	104.6	88.7	96.5	96.7	95.8
95.4								
2011	48	93.2	95.7	104.4	88.8	97.1	97.3	96.4
95.6								
2012	52	93.5	96.3	104.9	88.6	96.9	97.4	96.7
95.7								
2013	58	93.4	96.2	104.9	88.7	96.8	97.6	96.9
95.6								
2014	51	94.4	96.6	104.8	89.7	97.4	97.5	96.9
96.4								
2015	46	94.2	97.2	104.5	89.1	97.5	98.0	97.5
95.7								
2016	24	94.1	97.0	105.9	88.8	97.5	98.3	97.7
96.4								
2017	24	95.1	97.6	104.8	90.0	97.8	97.9	97.5
96.0								
2018	21	95.7	97.3	104.5	90.8	98.0	97.7	97.2
95.7								
2019	16	95.9	96.8	104.6	91.4	98.1	96.5	96.3
95.9								
2020	18	95.1	96.3	104.5	90.7	97.1	96.8	96.2
95.8								
2021	22	95.6	98.3	103.8	90.6	98.0	98.0	97.7
96.0								

Tabel: 127 Jersey: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	14	72.2	77.1	89.9	101.6	0.0	83.9
1991	12	71.9	76.4	89.8	100.2	0.0	82.7
1992	14	70.8	76.5	89.6	103.5	0.0	84.1
1993	16	72.2	76.5	89.8	103.3	0.0	84.5
1994	17	71.6	76.4	90.2	103.1	0.0	84.5
1995	14	72.1	77.1	90.2	103.4	0.0	84.8
1996	12	71.4	76.3	88.9	102.2	0.0	83.2
1997	12	71.8	76.6	90.9	102.2	0.0	84.5
1998	12	72.3	77.4	90.9	101.9	0.0	84.4
1999	23	73.3	77.5	90.6	104.3	0.0	85.9
2000	14	72.6	77.3	91.1	105.4	0.0	86.6
2001	16	72.4	76.8	90.2	104.4	0.0	85.4
2002	17	72.2	76.9	90.7	103.1	0.0	84.9
2003	16	72.8	77.8	91.6	103.9	0.0	86.1
2004	18	73.2	77.6	92.3	104.8	0.0	87.1

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2005	13	72.5	77.3	91.6	104.5	0.0	86.2
2006	24	72.2	76.8	92.3	103.4	0.0	85.9
2007	34	73.1	77.6	92.0	104.4	0.0	86.6
2008	44	73.7	77.9	92.0	103.8	0.0	86.6
2009	35	74.0	78.3	92.1	103.9	0.0	86.8
2010	57	73.6	77.9	92.9	104.5	0.0	87.4
2011	48	73.3	77.3	93.1	104.2	0.0	87.2
2012	52	73.5	77.7	93.2	104.1	0.0	87.4
2013	58	74.0	78.1	93.1	104.6	0.0	87.7
2014	51	74.2	78.4	94.0	103.9	0.0	88.0
2015	46	74.1	78.3	94.0	104.5	0.0	88.1
2016	24	74.6	78.4	93.7	105.5	0.0	88.6
2017	24	74.2	78.1	94.5	104.7	0.0	88.6
2018	21	74.8	78.8	95.1	103.8	0.0	88.7
2019	16	75.6	80.0	95.4	103.9	0.0	89.2
2020	18	74.1	78.7	94.2	104.9	0.0	88.7
2021	22	76.0	80.3	95.1	105.4	0.0	90.0

Tabel: 128 Jersey: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1984	11	102.7	103.4	100.2	101.7	101.1	95.5	76.1	102.0
100.3									
1985	11	102.5	103.4	100.2	102.1	101.1	96.3	76.8	101.8
100.5									
1986	14	102.9	102.6	100.4	101.5	100.9	96.7	80.9	101.6
100.4									
1987	30	102.4	102.4	99.9	100.9	100.6	96.3	81.0	101.3
99.9									
1988	20	102.4	103.1	100.3	101.8	101.0	95.3	79.7	101.9
100.1									
1989	27	102.4	102.6	100.0	101.2	100.8	96.1	79.4	101.3
99.9									
1990	24	103.0	102.1	99.9	101.0	100.9	96.1	79.5	101.1
99.9									
1991	30	102.5	102.4	99.7	101.0	100.5	95.9	79.0	101.1
99.6									
1992	31	102.5	102.3	100.0	101.0	100.7	96.0	80.3	101.2
99.9									
1993	29	102.0	101.9	99.4	100.5	100.1	96.3	82.1	100.7
99.4									

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1994 99.9	27	101.8	102.3	100.0	100.9	100.4	96.4	83.4	101.2
1995 99.5	26	100.9	102.2	99.5	100.5	99.6	97.0	85.0	100.7
1996 99.5	31	101.6	101.5	99.3	100.1	99.8	97.7	84.3	100.4
1997 99.6	38	101.7	101.7	99.7	100.2	100.0	96.7	84.1	100.6
1998 99.2	30	101.3	101.9	99.4	100.3	99.7	96.2	84.4	100.6
1999 99.1	45	102.7	99.9	99.5	99.3	100.4	96.5	84.1	99.7
2000 98.9	44	102.3	100.1	99.2	99.2	100.0	96.2	84.0	99.6
2001 99.3	51	102.0	100.8	99.5	100.0	100.1	96.7	84.4	100.2
2002 98.9	45	101.7	101.0	99.3	99.7	99.6	96.0	84.6	100.1
2003 99.6	50	101.7	101.7	99.9	100.6	100.2	96.8	85.0	100.9
2004 98.8	52	101.7	100.7	99.4	99.6	99.8	95.3	85.0	100.0
2005 99.1	61	101.6	101.7	99.8	100.3	100.0	95.0	83.8	100.8
2006 99.2	71	101.5	101.5	99.8	100.2	100.1	95.2	84.4	100.7
2007 99.3	93	101.9	101.2	100.2	100.1	100.2	95.2	84.5	100.8
2008 99.2	102	102.1	100.7	100.1	99.8	100.2	95.1	85.3	100.5
2009 98.8	103	101.3	101.0	99.7	99.7	99.6	94.8	85.5	100.4
2010 99.5	145	101.6	101.7	100.5	100.5	100.2	95.1	86.4	101.2
2011 99.5	126	101.8	101.5	100.5	100.5	100.3	95.0	86.1	101.1
2012 99.6	138	102.2	101.1	100.7	100.3	100.6	95.2	86.8	101.0
2013 99.5	200	102.2	101.2	100.5	100.3	100.7	94.9	85.5	100.9
2014 99.8	154	102.3	101.2	100.9	100.5	100.8	95.1	86.7	101.2
2015 99.9	166	102.0	101.4	100.9	100.7	100.8	95.5	87.7	101.3
2016 99.4	135	101.4	101.4	100.5	100.5	100.3	94.6	87.4	101.1
2017 99.7	143	102.0	101.1	100.8	100.4	100.7	95.3	87.8	101.1
2018 100.2	153	102.1	101.6	101.2	100.9	101.1	95.5	87.3	101.5

[Auteur]

2019	80	102.3	101.3	101.4	100.7	101.1	95.8	88.5	101.6
100.3									
2020	58	101.7	101.7	101.2	100.6	100.8	95.1	88.2	101.6
100.0									
2021	98	101.2	101.8	100.9	100.7	100.4	95.0	88.9	101.5
99.7									
2022	34	101.8	102.1	101.6	101.3	101.3	95.7	88.6	102.1
100.5									

Tabel: 129 Jersey: Gebruikskennmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	13	97.8	100.3	94.0	92.9	97.9
1991	10	96.9	99.4	96.1	95.2	98.8
1992	13	97.2	99.2	94.7	93.7	97.7
1993	16	97.4	98.8	94.5	93.4	97.3
1994	20	96.8	98.2	93.6	92.6	96.8
1995	15	97.3	98.9	93.8	93.4	98.2
1996	12	96.8	97.9	94.4	93.6	98.1
1997	17	97.4	97.7	94.9	94.4	98.6
1998	14	97.2	98.9	93.8	93.1	97.5
1999	23	98.6	101.4	93.9	92.7	97.3
2000	15	99.3	100.9	93.7	92.8	97.3
2001	17	98.5	100.2	94.0	93.0	97.7
2002	18	98.3	99.8	94.0	93.3	97.6
2003	17	99.2	100.0	93.9	92.8	97.3
2004	23	97.8	102.2	94.6	93.5	97.4
2005	21	97.5	102.4	94.0	93.0	97.1
2006	25	97.6	102.6	95.0	93.9	97.7
2007	41	98.0	101.2	95.1	94.0	97.8
2008	45	98.1	101.7	94.5	93.4	97.6
2009	43	98.3	102.5	95.2	94.0	97.4
2010	68	98.1	102.8	95.4	94.0	97.3
2011	52	97.8	103.2	96.0	94.5	97.7
2012	59	98.9	102.4	96.1	94.4	97.3
2013	61	98.4	102.4	96.2	94.5	97.8
2014	56	99.0	101.8	96.5	94.9	97.9
2015	47	99.2	102.3	96.8	94.7	97.6
2016	24	99.5	102.5	96.8	94.9	97.7
2017	24	99.7	102.3	96.6	94.5	97.4
2018	19	98.6	102.7	97.0	94.6	97.8
2019	15	97.5	103.5	97.1	95.4	98.1
2020	18	98.7	103.4	98.3	95.7	98.7
2021	22	98.4	104.0	96.4	94.0	97.2

[Auteur]

Tabel: 130 Jersey: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985 406.0	10	-158.4	-623.8	-578.9	97.6	100.5	89.0	99.0	97.5
1986 476.2	13	-125.5	-570.3	-450.7	96.0	100.4	90.7	100.2	96.0
1987 504.3	28	-128.5	-608.4	-292.9	95.2	99.9	89.9	101.6	95.9
1988 311.6	22	-144.7	-588.9	-289.6	96.1	100.1	89.6	102.4	97.0
1989 506.8	26	-154.0	-675.8	-307.3	95.9	99.9	88.7	101.1	96.8
1990 356.8	27	-156.0	-614.6	-285.1	95.3	99.9	88.1	101.4	96.8
1991 533.3	30	-129.5	-598.1	-304.2	96.9	99.6	89.8	100.2	96.2
1992 484.9	33	-129.8	-590.1	-280.5	95.5	99.9	89.6	103.5	96.3
1993 653.1	28	-106.3	-556.8	-301.0	95.2	99.4	89.8	103.3	95.3
1994 566.5	29	-92.7	-491.8	-246.1	94.4	99.9	90.2	103.1	95.2
1995 609.2	25	-86.7	-510.7	-189.1	95.7	99.5	90.2	103.4	95.6
1996 640.1	31	-100.2	-541.5	-304.7	95.8	99.5	88.9	102.2	96.2
1997 567.6	36	-98.8	-555.9	-212.8	96.4	99.6	90.9	102.2	96.5
1998 569.6	31	-96.6	-513.5	-258.5	95.1	99.2	90.9	101.9	95.9
1999 591.1	49	-76.0	-466.9	-217.9	94.7	99.1	90.6	104.3	96.4
2000 514.2	45	-94.2	-464.6	-259.1	95.0	98.9	91.1	105.4	96.3
2001 614.6	49	-87.3	-485.2	-284.2	95.2	99.3	90.2	104.4	96.8
2002 626.7	45	-83.4	-468.3	-305.2	95.2	98.9	90.7	103.1	96.4
2003 646.1	49	-76.2	-460.7	-280.5	94.8	99.6	91.6	103.9	96.5

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2004	52	-49.9	-414.2	-188.2	95.2	98.8	92.3	104.8	95.7
563.9									
2005	61	-62.4	-433.0	-193.6	94.9	99.1	91.6	104.5	95.7
528.0									
2006	71	-41.3	-434.5	-104.0	95.7	99.2	92.3	103.4	95.7
637.6									
2007	87	-35.7	-405.0	-70.4	95.7	99.3	92.0	104.4	95.9
587.7									
2008	103	-32.9	-400.3	-77.1	95.3	99.2	92.0	103.8	95.9
632.3									
2009	98	-29.7	-392.3	-55.0	95.5	98.8	92.1	103.9	95.9
658.4									
2010	142	-19.1	-371.6	-19.5	95.5	99.5	92.9	104.5	96.5
597.8									
2011	126	-7.1	-364.5	13.7	95.9	99.5	93.1	104.2	96.4
639.2									
2012	130	-6.8	-354.2	18.5	95.6	99.6	93.2	104.1	96.7
631.1									
2013	188	-16.7	-361.4	-49.9	96.0	99.5	93.1	104.6	96.2
624.6									
2014	139	-7.8	-351.0	-17.3	96.2	99.8	94.0	103.9	96.5
632.5									
2015	137	2.5	-317.4	10.1	96.0	99.9	94.0	104.5	97.3
616.4									
2016	122	-9.7	-313.2	-30.2	96.1	99.4	93.7	105.5	97.2
564.3									
2017	105	-6.4	-320.0	-24.5	95.7	99.7	94.5	104.7	96.6
562.3									
2018	101	-0.9	-297.0	19.8	96.0	100.2	95.1	103.8	97.2
475.3									
2019	48	-1.2	-306.0	14.1	96.6	100.3	95.4	103.9	97.3
418.8									
2020	49	27.7	-249.3	67.6	97.1	100.0	94.2	104.9	96.6
474.7									
2021	63	7.0	-243.4	-39.0	95.4	99.7	95.1	105.4	97.3
415.1									
2022	17	8.5	-282.1	-11.5	95.2	100.5	95.4	102.6	97.9
519.6									

Tabel: 131 Jersey: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2010	15	106.3	106.5	105.1	103.3	97.9	103.1	101.1
2011	14	105.8	105.7	105.4	103.4	97.8	102.9	99.6

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2012	12	106.0	107.1	104.4	103.1	98.5	102.3	101.6
2013	13	105.8	107.1	104.3	102.8	98.4	102.0	101.6
2014	11	105.5	106.6	104.8	102.1	97.5	102.1	101.0
2015	16	106.7	107.2	105.4	103.8	98.6	102.4	101.3
2019	10	106.4	106.1	105.8	102.9	97.7	102.7	101.7
2020	11	107.4	107.4	105.8	104.5	99.2	103.1	101.4
2021	13	106.6	105.4	105.9	104.2	97.9	103.3	101.4

Tabel: 132 Jersey: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	15	95.5	98.2	95.5	98.2	87.4	102.1
1989	10	97.1	97.0	97.1	97.0	89.7	101.6
1990	10	98.0	97.0	98.0	97.0	90.8	102.4
1991	13	95.2	97.0	95.2	97.0	88.0	101.5
1992	16	96.9	97.1	96.9	97.1	88.9	102.5
1993	22	95.9	96.7	95.9	96.7	88.0	101.6
1994	24	96.7	96.7	96.7	96.7	89.0	101.3
1995	18	96.1	97.2	96.1	97.2	88.3	101.6
1996	17	98.6	97.2	98.6	97.2	89.9	102.5
1997	22	97.3	97.5	97.3	97.5	89.1	102.2
1998	18	97.0	97.3	97.0	97.3	89.1	102.1
1999	32	96.5	98.4	96.5	98.4	87.9	103.3
2000	27	96.4	98.3	96.4	98.3	87.9	103.4
2001	31	96.7	98.2	96.7	98.2	88.5	103.1
2002	30	96.7	98.1	96.7	98.1	88.7	102.9
2003	31	96.3	98.3	96.3	98.3	88.6	102.9
2004	38	95.2	97.8	95.2	97.8	87.3	102.9
2005	45	95.9	97.5	95.9	97.5	88.3	102.9
2006	53	95.9	97.7	95.9	97.7	88.1	103.1
2007	71	96.0	98.1	96.0	98.1	88.2	103.6
2008	92	95.4	98.4	95.4	98.4	87.9	103.0
2009	80	95.8	98.0	95.8	98.0	88.3	103.1
2010	116	96.3	98.6	96.3	98.6	88.3	103.7
2011	102	96.7	98.3	96.7	98.3	88.9	103.7
2012	125	96.6	98.7	96.6	98.7	89.0	103.8
2013	155	96.6	98.0	96.6	98.0	88.4	103.9
2014	130	96.2	98.7	96.2	98.7	88.4	104.3
2015	133	96.9	99.2	96.9	99.2	89.4	104.0
2016	106	96.6	98.6	96.6	98.6	89.0	103.9
2017	150	96.5	98.6	96.5	98.6	89.0	103.8
2018	165	97.1	99.1	97.1	99.1	89.4	104.3
2019	79	96.7	99.0	96.7	99.0	89.3	104.0
2020	63	96.4	98.8	96.4	98.8	88.8	104.0
2021	99	96.7	99.3	96.7	99.3	88.9	104.1

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2022	71	97.1	99.7	97.1	99.7	89.2	104.4
2023	68	96.8	99.7	96.8	99.7	88.8	104.4
2024	41	97.3	100.2	97.3	100.2	89.6	104.7

Tabel: 133 Jersey: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	13	115.5	107.1	73.5	91.2	91.4	77.5
1989	10	119.1	107.5	68.9	88.6	91.2	77.8
1990	13	119.2	107.3	68.2	89.0	90.9	78.3
1991	20	118.0	107.6	69.8	89.9	91.0	77.6
1992	15	117.6	107.1	71.1	88.8	90.0	77.6
1993	22	118.8	107.7	69.5	89.5	89.8	78.1
1994	21	118.0	107.5	70.6	88.4	89.7	79.1
1995	17	116.4	106.7	72.4	89.8	90.2	78.7
1996	14	117.6	106.4	71.8	89.8	91.4	80.0
1997	22	115.9	107.0	72.7	89.5	90.2	78.1
1998	16	116.4	107.7	72.3	89.1	91.3	79.0
1999	31	116.1	107.3	71.5	90.0	90.5	75.7
2000	21	114.4	106.9	74.0	91.1	92.1	76.8
2001	26	115.8	106.5	72.7	90.4	90.9	77.4
2002	25	114.0	106.9	74.4	90.7	91.0	76.7
2003	25	114.0	106.8	74.0	89.7	90.9	77.8
2004	37	114.6	108.1	73.6	88.4	90.8	77.9
2005	35	116.2	107.8	71.1	87.7	90.0	76.3
2006	41	114.8	107.5	72.7	88.8	90.8	76.3
2007	67	114.1	108.0	73.3	88.7	91.4	77.0
2008	78	113.3	108.0	73.9	88.5	91.4	77.2
2009	68	112.4	108.6	74.9	88.4	91.1	77.5
2010	117	113.3	108.0	73.9	88.6	90.9	77.0
2011	104	112.8	107.6	74.6	89.3	90.7	76.4
2012	118	112.8	107.7	74.6	89.3	91.0	76.5
2013	136	113.6	107.7	73.6	88.8	90.9	76.7
2014	131	112.9	107.0	74.2	89.0	91.2	76.8
2015	125	112.2	107.5	74.8	89.1	90.9	77.1
2016	95	112.7	106.8	74.4	89.6	91.0	76.3
2017	106	112.3	107.8	74.6	88.9	91.4	76.9
2018	120	112.5	107.8	74.3	89.4	90.1	75.9
2019	66	111.8	108.2	75.1	89.1	91.5	77.5
2020	36	111.9	107.7	74.4	88.5	90.6	76.2
2021	41	111.3	107.2	75.2	89.2	90.5	76.3
2022	21	112.0	107.9	74.7	89.0	89.2	76.1
2023	19	112.5	106.1	74.9	89.5	90.8	76.9
2024	18	111.0	106.5	76.5	89.4	90.8	75.6

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Tabel: 134 Jersey: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1987	14	88.8	102.6	93.5	84.6	100.1	97.7	87.9	93.9	103.6
97.5	82.6									
1989	10	87.1	101.6	93.9	85.1	97.6	98.7	87.4	91.5	101.6
98.0	82.8									
1990	10	85.4	102.0	92.5	83.9	97.5	96.4	86.4	89.5	101.0
96.3	80.6									
1991	14	86.0	102.4	92.9	84.4	97.9	98.0	86.6	89.8	102.4
97.3	81.6									
1992	16	87.2	102.8	93.2	84.5	98.9	97.9	87.2	91.6	102.9
97.8	81.9									
1993	19	85.9	101.4	93.1	83.7	97.1	98.6	86.4	91.0	101.7
97.9	81.0									
1994	21	86.5	101.9	92.8	84.0	97.8	98.7	87.0	90.8	102.2
98.2	81.3									
1995	18	86.1	101.9	92.2	84.4	96.8	98.4	86.3	91.6	101.7
97.1	81.7									
1996	15	85.8	102.0	90.9	84.0	96.5	97.6	87.1	89.7	101.5
97.1	81.0									
1997	21	85.9	102.7	91.9	84.3	98.1	97.0	86.7	89.8	102.5
96.4	81.2									
1998	18	85.8	101.8	92.5	83.8	97.3	97.8	86.4	90.7	101.7
97.1	80.9									
1999	28	86.4	102.2	92.9	84.0	97.6	97.9	85.9	92.9	101.8
97.4	80.4									
2000	23	86.7	102.2	93.0	83.8	97.7	98.5	85.9	93.7	102.4
98.0	80.6									
2001	22	86.1	102.0	92.5	83.9	97.2	98.0	85.8	92.6	102.0
97.2	80.4									
2002	24	86.5	102.6	92.4	84.0	98.0	97.8	86.0	92.8	102.6
97.0	81.0									
2003	19	86.5	102.1	92.2	83.9	98.1	97.5	86.5	91.7	102.3
96.9	81.1									
2004	24	87.2	101.2	93.2	83.6	98.8	98.2	87.3	92.0	102.2
97.9	81.4									
2005	24	87.0	101.7	93.5	83.3	98.8	98.1	86.8	92.2	102.4
98.0	80.8									
2006	23	87.5	102.0	93.4	83.7	99.5	98.1	87.5	91.8	102.7
98.0	81.3									

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2007	42	86.7	101.9	92.6	84.0	98.4	97.4	86.7	91.9	102.0
97.0	80.9									
2008	43	86.7	102.1	92.8	83.7	98.9	97.3	86.7	91.6	102.3
97.0	80.8									
2009	34	87.1	101.7	93.4	83.6	98.9	97.7	87.1	91.9	102.2
97.5	81.0									
2010	52	88.2	101.7	93.4	83.7	100.1	97.5	87.8	92.4	102.8
97.5	81.5									
2011	34	88.4	100.7	93.3	83.1	100.0	97.9	88.0	92.9	102.4
98.1	81.1									
2012	39	87.9	101.4	92.9	83.4	99.7	97.4	87.7	92.5	102.5
97.4	81.0									
2013	38	88.1	101.6	93.2	83.8	99.6	97.8	87.9	92.4	102.5
97.7	81.7									
2014	23	87.6	102.6	92.7	84.4	99.7	97.4	87.4	92.2	102.9
97.2	81.6									
2015	20	87.7	101.4	92.7	84.0	99.3	97.5	87.7	92.3	102.2
97.2	81.8									
2016	11	87.0	100.5	92.5	83.5	97.8	98.4	87.5	91.8	101.3
98.1	81.3									
2017	16	87.3	101.2	92.8	84.3	98.1	98.0	87.7	92.0	101.5
97.7	81.8									
2018	14	87.7	101.6	92.6	84.0	99.1	97.4	87.6	92.2	102.1
97.3	81.6									
2019	12	88.2	102.4	92.2	85.2	99.8	96.8	87.8	92.2	102.6
96.4	82.4									
2020	13	88.2	101.8	93.1	84.2	99.6	97.8	88.0	92.5	102.5
97.8	81.9									
2021	19	88.7	102.3	93.1	85.4	99.6	97.5	88.5	92.2	102.7
97.0	83.7									

Tabel: 135 Jersey: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	12	91.0	90.5	99.2
1989	10	92.4	92.0	98.8
1991	11	92.3	92.4	98.6
1992	15	91.3	90.7	99.2
1993	20	91.6	91.5	98.3
1994	23	91.1	90.7	98.4
1995	16	91.4	91.5	98.0
1996	13	91.2	91.2	98.2
1997	20	91.9	91.3	99.0
1998	17	91.4	91.1	98.5

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1999	29	89.7	89.1	98.1
2000	18	90.8	90.1	98.7
2001	22	90.7	90.5	98.3
2002	22	90.9	90.5	98.6
2003	19	92.1	91.4	99.4
2004	26	90.5	89.6	98.8
2005	29	90.6	89.5	99.0
2006	31	91.0	90.1	99.0
2007	48	90.7	89.9	98.9
2008	57	90.6	89.7	98.8
2009	40	91.3	90.5	99.0
2010	80	91.4	90.3	99.6
2011	60	90.7	89.2	99.5
2012	73	91.4	90.3	99.7
2013	65	91.2	90.1	99.5
2014	55	91.8	90.6	99.9
2015	55	92.1	90.8	100.2
2016	22	91.1	89.8	99.5
2017	37	91.7	90.7	99.7
2018	19	91.4	89.9	99.8

Tabel: 136 Jersey: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	46	-4019.0	-17379.5	-551.4	-549.9
2002	45	-4122.0	-17541.5	-565.7	-563.9
2003	50	-3934.5	-17124.2	-535.9	-541.1
2004	49	-3289.0	-14839.4	-439.2	-458.4
2005	57	-3354.3	-15296.2	-443.9	-470.4
2006	63	-2879.7	-13960.7	-360.5	-418.2
2007	85	-2562.2	-13218.6	-307.0	-381.6
2008	96	-2617.0	-13396.3	-317.6	-387.0
2009	91	-2456.0	-12800.6	-292.8	-366.9
2010	135	-2177.2	-11835.1	-251.2	-331.0
2011	121	-1979.6	-11346.3	-214.6	-310.7
2012	121	-1906.6	-11388.4	-204.7	-300.6
2013	186	-2328.4	-12580.1	-272.2	-351.6
2014	136	-2109.5	-12245.1	-232.7	-328.2
2015	135	-1816.4	-11210.7	-190.5	-289.5
2016	118	-2023.8	-11660.1	-223.0	-315.1
2017	107	-2033.5	-11683.9	-231.9	-311.1
2018	104	-1708.1	-10504.9	-178.6	-272.6
2019	48	-1734.7	-10749.7	-189.3	-271.3
2020	51	-1205.8	-9068.2	-98.1	-212.0
2021	65	-1821.7	-10966.4	-198.6	-285.1

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2022            19   -1794.3   -10660.2   -193.1   -282.5

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Tabel: 137 Jersey: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

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Jaar	Aantal	Eff	Int	Gewen	AMS
1992	10	98.5	93.6	106.4	97.7
1993	12	97.5	92.7	106.0	96.1
1994	20	97.8	92.5	106.0	96.6
1995	11	98.1	93.3	105.3	96.7
1996	10	97.6	92.9	105.2	95.7
1997	13	99.4	92.3	106.5	98.6
1998	13	97.9	91.6	106.9	97.3
1999	24	99.2	93.6	107.5	99.7
2000	16	99.3	93.1	107.4	99.5
2001	12	99.5	93.2	107.0	99.2
2002	20	99.3	93.2	107.2	99.5
2003	16	100.8	93.4	107.9	101.5
2004	21	97.5	94.2	107.8	98.6
2005	24	98.2	93.0	108.0	98.9
2006	31	99.2	93.0	108.3	100.2
2007	53	98.4	93.0	107.7	99.0
2008	61	99.1	93.0	107.8	99.7
2009	47	99.0	93.8	107.9	100.1
2010	83	99.1	94.6	108.1	100.8
2011	68	98.9	94.1	108.3	100.6
2012	69	100.3	95.5	108.3	102.5
2013	73	99.8	95.3	107.9	101.7
2014	62	100.5	94.7	108.8	103.0
2015	59	101.0	95.3	109.0	103.8
2016	33	100.8	96.5	108.1	103.5
2017	31	102.3	95.1	108.5	104.7
2018	29	99.8	95.4	109.4	103.1
2019	21	99.8	95.2	109.5	103.3
2020	22	100.2	95.8	108.0	102.8
2021	36	101.5	95.2	107.5	102.9
2022	13	105.2	94.7	107.5	106.1

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Tabel: 138 Jersey: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

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Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
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1985	10	99.7	97.0	5	-7.9	406.0	0	0.0
1986	13	99.5	96.5	10	-8.0	476.2	0	0.0
1987	28	98.9	95.8	24	-8.8	504.3	0	0.0
1988	22	98.6	95.8	17	-6.7	311.6	0	0.0
1989	26	99.0	96.5	15	-8.9	506.8	0	0.0
1990	27	98.8	97.5	18	-7.2	356.8	0	0.0
1991	30	101.1	97.1	16	-8.7	533.3	0	0.0
1992	33	100.1	96.7	23	-8.3	484.9	0	0.0
1993	28	101.3	96.5	18	-9.9	653.1	0	0.0
1994	29	99.6	95.9	24	-8.7	566.5	0	0.0
1995	25	99.6	96.5	18	-9.2	609.2	0	0.0
1996	31	100.6	96.8	15	-9.5	640.1	0	0.0
1997	36	100.8	96.3	19	-9.1	567.6	0	0.0
1998	31	99.6	96.2	17	-8.9	569.6	0	0.0
1999	49	100.7	96.2	28	-8.8	591.1	0	0.0
2000	45	100.9	96.4	21	-8.0	514.2	0	0.0
2001	49	100.3	96.0	21	-9.1	614.6	16	54.9
2002	45	100.4	95.2	22	-9.2	626.7	17	54.5
2003	49	100.7	96.1	19	-9.2	646.1	16	55.6
2004	52	101.9	95.9	24	-8.1	563.9	18	56.8
2005	61	101.0	96.4	21	-7.8	528.0	13	55.4
2006	71	101.3	96.8	28	-9.0	637.6	24	55.8
2007	87	101.4	96.3	43	-8.4	587.7	34	56.1
2008	103	101.5	96.1	51	-8.8	632.3	43	56.6
2009	98	102.6	96.1	37	-9.0	658.4	34	56.2
2010	142	102.5	96.9	68	-8.3	597.8	57	56.9
2011	126	103.0	96.8	52	-8.6	639.2	47	55.8
2012	130	103.1	96.7	55	-8.4	631.1	52	57.3
2013	188	103.0	96.9	59	-8.3	624.6	56	57.6
2014	139	102.9	97.1	51	-8.5	632.5	51	58.2
2015	137	103.8	96.9	42	-8.1	616.4	42	58.9
2016	122	103.6	96.9	25	-7.4	564.3	23	60.3
2017	105	103.6	96.9	21	-7.7	562.3	20	60.5
2018	101	104.4	96.6	19	-6.7	475.3	19	65.5
2019	48	103.6	97.1	16	-6.2	418.8	16	68.2
2020	49	104.4	97.8	18	-6.7	474.7	18	66.2
2021	63	103.8	97.2	22	-5.7	415.1	22	69.4
2022	17	103.6	97.0	5	-7.3	519.6	5	64.4

Tabel: 139 Jersey: Stofwisselingsaandoeningen

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	12	99.5	0	0.0	0	0.0	12	94.2
1990	10	99.9	0	0.0	0	0.0	10	97.7
1991	14	99.8	0	0.0	0	0.0	14	96.2

[Auteur]



1992	16	99.6	0	0.0	0	0.0	16	96.1
1993	23	99.7	0	0.0	0	0.0	23	96.5
1994	23	99.8	0	0.0	0	0.0	23	96.1
1995	22	99.8	0	0.0	0	0.0	22	97.0
1996	15	99.9	0	0.0	0	0.0	15	96.2
1997	25	99.8	0	0.0	0	0.0	25	97.4
1998	24	99.8	0	0.0	0	0.0	24	97.0
1999	33	99.9	0	0.0	1	96.0	33	97.3
2000	30	99.8	1	97.0	1	98.0	30	97.2
2001	31	99.9	0	0.0	0	0.0	31	97.3
2002	28	99.9	0	0.0	0	0.0	28	97.3
2003	29	99.8	1	96.0	0	0.0	29	98.3
2004	43	99.9	0	0.0	0	0.0	43	98.0
2005	46	99.9	0	0.0	0	0.0	46	97.9
2006	59	100.0	0	0.0	0	0.0	59	98.8
2007	82	100.0	0	0.0	0	0.0	82	99.0
2008	101	100.0	0	0.0	0	0.0	101	99.4
2009	99	100.0	0	0.0	0	0.0	99	99.4
2010	135	100.0	0	0.0	2	95.5	135	98.8
2011	122	100.0	0	0.0	0	0.0	122	99.2
2012	125	100.0	0	0.0	0	0.0	125	99.4
2013	183	100.0	0	0.0	0	0.0	183	99.6
2014	136	100.0	0	0.0	0	0.0	136	99.9
2015	133	100.0	0	0.0	0	0.0	133	98.7
2016	113	100.0	0	0.0	0	0.0	113	99.3
2017	100	100.0	0	0.0	0	0.0	100	99.0
2018	100	100.0	0	0.0	0	0.0	100	99.4
2019	47	100.0	0	0.0	0	0.0	47	99.5
2020	46	100.0	0	0.0	0	0.0	46	99.3
2021	59	100.0	0	0.0	0	0.0	59	99.5
2022	18	99.9	0	0.0	0	0.0	18	98.9

Tabel: 140 Jersey: Reproductiestoornissen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	11	102.5	100.0	101.6	101.5	103.4	101.5
1999	10	101.3	99.3	100.1	100.6	102.5	100.1
2000	11	100.9	99.0	99.8	100.1	102.6	100.3
2004	12	102.5	100.3	101.1	101.8	103.3	100.9
2005	14	103.1	101.2	101.7	102.1	104.1	101.5
2006	11	102.8	100.7	101.8	101.9	103.9	101.4
2007	20	102.4	100.3	101.0	101.7	103.0	100.8
2008	22	102.0	100.1	100.6	101.3	103.2	100.5
2009	21	101.6	99.5	100.5	100.8	103.3	100.1
2010	32	102.5	100.5	101.6	101.6	104.0	101.4

[Auteur]

2011	24	102.2	100.3	101.1	101.5	103.5	101.0
2012	25	101.8	99.8	100.7	101.2	103.1	100.6
2013	21	102.3	100.2	101.2	101.3	103.7	101.0
2014	13	101.8	99.6	100.4	100.9	103.0	100.5
2015	23	102.1	100.0	100.9	101.3	103.1	101.0

Tabel: 141 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1992	11	100.7	103.5	100.1	101.8	100.1	97.7	93.6	101.8
100.3									
1996	10	100.8	103.7	99.7	101.8	100.0	96.6	91.7	101.7
100.0									
1997	10	101.5	102.5	99.7	101.2	100.2	97.2	91.9	101.2
99.9									
2003	11	99.9	104.2	99.5	101.9	99.6	96.4	92.6	102.1
99.9									

Tabel: 142 Verbeterd Roodbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	10	-1094.4	-45.7	-40.6	-51.2	7.0	0.3	-1.5	-311.8
1997	10	-1042.2	-42.4	-36.6	-49.0	7.6	3.8	-1.9	-284.6
1998	11	-751.0	-35.0	-29.0	-35.6	-1.7	-2.1	-1.8	-229.6
2007	10	-583.8	-30.7	-26.5	-31.1	-8.4	-8.5	-7.2	-206.0
2009	10	-290.3	-13.5	-14.0	-18.4	-1.0	-5.2	-7.9	-100.7

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 143 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

[Auteur]

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1993 104.3	10	105.4	101.4	103.2	103.6	105.3	103.6	91.7	102.6
1997 103.0	10	104.0	101.0	102.1	102.8	104.1	102.7	93.2	101.9
1998 102.7	11	104.0	100.5	101.8	102.5	104.1	102.7	92.5	101.5
2007 102.7	10	105.1	99.3	102.0	101.9	104.5	102.3	92.0	100.8
2009 101.9	10	103.9	99.2	101.2	101.1	103.5	102.3	93.8	100.3

Tabel: 144 Verbeterd Roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1993 108.9	10	-179.7	-311.8	-383.5	98.5	104.3	91.4	94.5	96.5
1997 107.5	10	-163.9	-284.6	-357.1	97.9	103.0	91.8	96.4	96.8
1998 83.7	11	-150.5	-229.6	-330.6	98.2	102.7	91.6	96.6	96.2
2007 95.0	10	-145.9	-206.0	-207.2	97.1	102.7	93.6	96.3	96.1
2009 67.4	10	-124.5	-100.7	-161.2	96.1	101.9	91.3	98.3	97.1

Tabel: 145 Verbeterd Roodbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1993	10	96.6	98.5	96.6	98.5	97.2	101.8
1998	11	95.4	99.0	95.4	99.0	96.3	101.6
2007	10	96.6	98.5	96.6	98.5	97.3	101.0

[Auteur]

2009            10      97.4      99.0      97.4      99.0      98.3      100.9

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Tabel: 146 Verbeterd Roodbont: Kalvervitaliteit  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1993	10	92.3	90.9	97.9
1998	11	92.9	91.5	98.8
2007	10	91.3	89.8	97.3
2009	10	91.3	89.5	97.8

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Tabel: 147 Verbeterd Roodbont: Levensproductiekenmerken  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2007	10	-2630.6	-9130.5	-399.8	-332.8
2009	10	-2005.6	-7196.5	-297.6	-258.8

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Tabel: 148 Verbeterd Roodbont: Overige productie en efficiency kenm.  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1993	10	95.3	98.8	9	-2.9	108.9	0	0.0
1997	10	92.9	98.1	8	-2.8	107.5	0	0.0
1998	11	95.6	98.9	7	-2.2	83.7	0	0.0
2007	10	93.8	97.7	7	-1.9	95.0	7	92.6
2009	10	93.4	97.4	7	-1.3	67.4	7	94.7

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Tabel: 149 Verbeterd Roodbont: Stofwisselingsaandoeningen  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	10	99.6	0	0.0	0	0.0	10	94.3

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[Auteur]

Tabel: 150 Verbeterd Roodbont: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1994 98.2	10	95.7	103.1	96.0	100.3	95.3	101.9	103.9	99.2
1995 96.8	13	93.9	103.8	95.0	100.1	93.7	100.2	103.5	98.9
1997 97.9	12	95.2	103.6	96.1	100.5	94.9	101.4	104.3	99.4
1998 97.7	12	94.8	103.8	95.8	100.3	94.6	101.2	103.8	99.2
1999 98.4	16	96.4	102.8	96.4	100.3	95.8	102.1	102.6	99.1
2000 99.3	17	96.4	103.9	97.5	101.4	96.4	102.5	104.5	100.5
2002 98.7	19	96.0	103.4	96.5	100.9	95.7	102.4	103.8	99.5
2003 98.8	12	96.3	103.2	97.0	100.8	96.1	101.9	104.3	99.7
2004 98.6	12	96.6	103.0	97.0	101.0	96.2	101.5	104.8	99.8
2005 99.1	17	95.9	104.1	97.1	101.4	96.0	102.5	106.1	100.4
2007 98.8	17	96.9	102.8	96.9	100.6	96.5	102.1	103.4	99.5

Tabel: 151 Verbeterd Roodbont: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2002	13	122.8	104.9	71.4	83.4	105.0	108.1
2005	14	120.0	102.4	74.6	84.0	103.5	110.8
2007	14	123.4	100.9	71.0	85.7	102.9	107.1

Tabel: 152 Verbeterd Roodbont: Vleeskenmerken

[Auteur]

Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1999	10	95.2	69.2	96.4	79.6	96.9	97.3	98.1	96.7	90.5
97.9	92.7									
2002	13	96.9	69.1	95.0	80.0	98.5	97.0	100.1	97.1	90.0
98.1	93.1									
2005	11	95.4	68.2	96.0	82.5	93.9	98.4	99.1	97.5	87.2
98.4	94.4									

Tabel: 153 Witblauw Mixte: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-1977.4	-104.0	-80.7	-91.6	-36.1	-17.6	-1.3	-659.1
1983	11	-2487.3	-116.7	-96.3	-115.0	-15.4	-11.2	-1.3	-764.4
1984	15	-2217.5	-106.9	-87.5	-102.5	-18.5	-13.1	-1.1	-696.7
1985	27	-2200.3	-107.4	-86.3	-101.7	-21.9	-10.7	-1.0	-693.1
1986	27	-2263.6	-110.4	-89.3	-104.7	-23.1	-13.9	-1.3	-715.1
1987	36	-2171.8	-108.1	-88.3	-100.4	-26.8	-18.6	-1.1	-703.9
1988	31	-2064.7	-102.4	-85.0	-95.6	-22.6	-19.0	-1.2	-672.9
1989	32	-2086.8	-107.5	-86.6	-96.6	-34.0	-20.9	-1.2	-694.8
1990	52	-2129.2	-106.4	-85.9	-98.5	-26.2	-16.1	-1.1	-688.3
1991	63	-2372.3	-117.4	-95.1	-109.6	-27.9	-17.3	-0.9	-761.1
1992	59	-2221.3	-111.2	-89.6	-102.8	-28.6	-17.4	-1.2	-719.0
1993	84	-2252.1	-113.2	-90.1	-104.1	-30.7	-15.7	-1.0	-727.4
1994	116	-2194.3	-110.7	-87.4	-101.5	-30.1	-14.5	-1.2	-708.0
1995	109	-2089.4	-107.5	-84.3	-96.7	-33.2	-16.1	-1.2	-685.1
1996	139	-2009.2	-102.4	-81.5	-93.0	-29.4	-16.3	-1.3	-657.7
1997	130	-1911.3	-99.2	-78.9	-88.6	-30.9	-18.2	-1.4	-637.0
1998	145	-2010.0	-102.9	-80.9	-93.1	-30.2	-14.7	-1.3	-656.7
1999	135	-1865.2	-95.5	-76.9	-86.4	-27.2	-17.3	-1.1	-617.3
2000	164	-1841.3	-97.4	-77.5	-85.3	-33.6	-20.3	-1.3	-625.5
2001	160	-1870.8	-100.7	-77.9	-86.8	-37.7	-18.8	-1.5	-637.1
2002	153	-1914.8	-102.1	-79.4	-89.8	-36.6	-18.6	-3.7	-647.9
2003	187	-1878.4	-100.6	-78.3	-88.0	-36.9	-19.1	-3.4	-638.5
2004	218	-1846.3	-100.8	-77.4	-86.4	-39.9	-19.5	-3.3	-635.2
2005	250	-1778.9	-97.6	-75.1	-82.9	-39.3	-20.0	-2.1	-615.7
2006	263	-1849.7	-101.3	-76.9	-86.8	-41.2	-18.0	-4.0	-634.5
2007	248	-1795.7	-99.1	-75.6	-84.4	-41.3	-19.1	-3.7	-622.4

[Auteur]

2008	292	-1874.5	-102.1	-76.6	-87.0	-40.5	-15.7	-1.9	-635.9
2009	261	-1843.5	-101.6	-75.3	-84.5	-42.4	-15.1	0.4	-628.8
2010	318	-1751.2	-97.9	-73.3	-79.9	-42.3	-17.8	1.1	-609.1
2011	336	-1814.1	-101.0	-75.1	-82.2	-43.5	-16.8	2.6	-626.1
2012	364	-1739.6	-98.1	-73.1	-78.0	-43.8	-18.3	4.3	-608.9
2013	343	-1605.0	-92.6	-68.8	-71.6	-43.5	-19.2	4.7	-573.9
2014	330	-1567.4	-90.0	-67.8	-69.6	-41.0	-19.7	5.1	-561.6
2015	303	-1563.4	-90.2	-67.5	-68.8	-42.3	-19.6	6.4	-560.9
2016	287	-1465.9	-86.1	-64.8	-64.0	-41.9	-21.0	7.1	-536.8
2017	289	-1398.0	-83.3	-63.0	-60.7	-41.5	-22.2	7.3	-520.7
2018	211	-1189.8	-78.8	-57.7	-49.9	-49.0	-25.8	9.4	-484.5
2019	193	-1278.9	-81.3	-60.0	-52.3	-46.9	-24.4	12.8	-502.2
2020	184	-1318.6	-81.9	-61.3	-54.7	-45.5	-24.2	11.8	-509.7
2021	135	-1192.3	-76.2	-57.3	-47.6	-43.7	-24.9	13.9	-475.1
2022	15	-1247.7	-77.2	-55.7	-52.7	-41.3	-18.4	9.5	-471.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 154 Witblauw Mixte: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1982	10	100.2	102.3	99.0	100.9	99.5	94.4	86.6	100.7
98.8									
1983	11	97.2	102.6	96.3	99.1	95.7	91.1	85.1	99.0
95.6									
1984	16	98.4	101.8	96.9	99.1	96.9	92.2	85.4	99.0
96.5									
1985	28	99.8	102.5	98.5	100.6	98.6	93.1	85.0	100.2
97.9									
1986	28	98.3	102.6	97.3	99.9	97.1	92.1	85.8	99.7
96.9									
1987	33	99.1	102.6	98.1	100.4	97.9	92.8	85.3	100.2
97.5									
1988	32	99.0	102.3	97.6	99.9	97.6	92.0	84.4	99.7
96.9									
1989	39	98.5	102.0	97.0	99.5	96.8	91.0	84.0	99.2
96.3									
1990	59	99.1	102.6	97.9	100.3	97.9	91.8	84.3	100.1
97.2									
1991	68	98.0	103.0	97.4	100.2	96.8	91.0	85.6	100.0
96.6									
1992	72	98.8	103.2	98.1	100.7	97.8	91.8	85.3	100.4
97.5									

[Auteur]

1993	100	98.8	103.6	98.5	101.1	98.1	92.7	86.2	100.9
98.0									
1994	132	99.3	103.4	98.8	101.2	98.5	92.9	85.7	101.0
98.2									
1995	131	99.8	102.6	98.7	100.8	98.7	93.4	85.9	100.6
98.2									
1996	149	100.0	103.0	99.2	101.2	99.1	93.8	86.5	101.0
98.7									
1997	159	100.0	103.1	99.2	101.3	99.2	93.6	86.6	101.1
98.6									
1998	161	100.5	103.0	99.7	101.5	99.7	93.9	86.2	101.4
99.0									
1999	159	100.6	102.8	99.7	101.4	99.6	93.2	85.9	101.3
98.9									
2000	190	100.6	102.9	99.8	101.4	99.7	93.7	86.3	101.3
99.0									
2001	181	100.4	102.9	99.6	101.4	99.6	93.5	86.6	101.3
98.9									
2002	178	100.5	103.0	99.8	101.7	99.8	94.0	87.1	101.5
99.2									
2003	208	100.2	103.1	99.8	101.6	99.6	93.7	87.3	101.5
99.1									
2004	247	100.1	103.1	99.7	101.5	99.4	93.6	87.2	101.4
98.9									
2005	269	100.2	103.3	100.0	101.9	99.7	93.8	87.7	101.7
99.2									
2006	292	100.5	103.4	100.4	102.1	100.0	93.8	87.6	102.0
99.5									
2007	276	101.0	103.4	100.8	102.3	100.6	94.2	87.5	102.3
100.0									
2008	326	100.5	103.5	100.4	102.1	100.0	93.8	87.4	102.0
99.5									
2009	310	101.2	103.4	100.9	102.4	100.8	94.3	87.1	102.3
100.0									
2010	369	101.6	103.2	101.0	102.3	101.0	94.5	87.2	102.2
100.1									
2011	435	101.5	103.5	101.1	102.6	101.0	94.5	87.2	102.5
100.3									
2012	426	101.9	103.3	101.3	102.6	101.4	94.9	87.2	102.5
100.5									
2013	410	101.8	103.2	101.2	102.5	101.3	94.7	87.5	102.4
100.4									
2014	396	102.0	103.1	101.4	102.5	101.4	94.6	87.4	102.4
100.4									
2015	382	102.3	103.1	101.5	102.6	101.6	94.8	87.4	102.6
100.6									
2016	349	101.9	102.9	101.3	102.4	101.3	94.5	87.5	102.3
100.3									
2017	349	102.2	102.8	101.4	102.4	101.4	94.7	87.4	102.3
100.4									

[Auteur]



2018 100.5	279	102.3	102.7	101.4	102.4	101.5	94.7	87.6	102.3
2019 100.0	247	102.2	102.3	100.9	101.9	101.1	94.5	87.2	101.8
2020 100.2	228	102.7	102.1	101.1	102.0	101.6	95.1	86.9	101.8
2021 100.0	160	102.3	102.2	101.0	101.9	101.4	94.4	87.0	101.8
2022 100.0	75	102.1	102.3	101.0	101.9	101.2	94.3	87.2	101.9

Tabel: 155 Witblauw Mixte: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1982 0.0	10	-185.3	-659.1	0.0	101.8	98.8	0.0	0.0	0.0
1983 0.0	11	-231.2	-764.4	0.0	101.8	95.6	0.0	0.0	0.0
1984 0.0	15	-207.0	-696.7	0.0	101.6	96.5	0.0	0.0	0.0
1985 0.0	27	-193.7	-693.1	0.0	102.4	97.9	0.0	0.0	0.0
1986 0.0	27	-206.3	-715.1	0.0	102.1	96.9	0.0	0.0	0.0
1987 0.0	36	-204.5	-703.9	0.0	101.8	97.5	0.0	0.0	0.0
1988 0.0	31	-192.8	-672.9	0.0	102.7	96.9	0.0	0.0	0.0
1989 0.0	32	-199.8	-694.8	0.0	102.9	96.3	0.0	0.0	0.0
1990 0.0	52	-201.1	-688.3	0.0	101.7	97.2	0.0	0.0	0.0
1991 0.0	63	-222.3	-761.1	0.0	102.1	96.6	0.0	0.0	0.0
1992 0.0	59	-202.0	-719.0	0.0	102.7	97.5	0.0	0.0	0.0
1993 0.0	84	-207.8	-727.4	451.0	101.5	98.0	0.0	0.0	0.0
1994 0.0	116	-199.4	-708.0	438.0	101.8	98.2	0.0	0.0	0.0

[Auteur]

1995 0.0	109	-192.7	-685.1	452.5	101.9	98.2	0.0	0.0	0.0
1996 0.0	139	-181.6	-657.7	448.0	102.1	98.7	0.0	0.0	0.0
1997 0.0	130	-176.8	-637.0	0.0	102.0	98.6	0.0	0.0	0.0
1998 0.0	145	-177.8	-656.7	371.0	102.4	99.0	0.0	0.0	0.0
1999 0.0	135	-160.7	-617.3	440.0	102.1	98.9	0.0	0.0	0.0
2000 0.0	164	-167.8	-625.5	409.5	102.0	99.0	0.0	0.0	0.0
2001 0.0	160	-171.8	-637.1	451.0	101.4	98.9	0.0	0.0	0.0
2002 0.0	153	-171.4	-647.9	435.0	101.6	99.2	0.0	0.0	0.0
2003 0.0	187	-163.6	-638.5	454.0	101.7	99.1	0.0	0.0	0.0
2004 0.0	218	-165.9	-635.2	450.0	101.6	98.9	0.0	0.0	0.0
2005 0.0	250	-160.2	-615.7	449.8	101.3	99.2	0.0	0.0	0.0
2006 0.0	263	-163.8	-634.5	443.4	101.0	99.5	0.0	0.0	0.0
2007 0.0	248	-156.5	-622.4	443.2	101.2	100.0	0.0	0.0	0.0
2008 0.0	292	-162.8	-635.9	439.2	101.0	99.5	103.0	93.0	0.0
2009 0.0	261	-155.2	-628.8	455.4	101.5	100.0	0.0	0.0	0.0
2010 0.0	318	-150.5	-609.1	440.1	101.6	100.1	0.0	0.0	0.0
2011 0.0	336	-156.9	-626.1	435.8	101.0	100.3	0.0	0.0	0.0
2012 0.0	364	-151.8	-608.9	459.4	100.9	100.5	0.0	0.0	0.0
2013 0.0	343	-145.0	-573.9	442.8	101.3	100.4	105.0	93.0	0.0
2014 0.0	330	-145.1	-561.6	400.7	101.0	100.4	0.0	0.0	0.0
2015 0.0	303	-145.9	-560.9	434.1	100.8	100.6	0.0	0.0	0.0
2016 0.0	287	-140.9	-536.8	428.4	101.1	100.3	0.0	0.0	0.0
2017 0.0	289	-135.9	-520.7	433.3	101.0	100.4	0.0	0.0	0.0
2018 0.0	211	-129.3	-484.5	425.7	100.8	100.5	0.0	0.0	0.0
2019 0.0	193	-135.5	-502.2	434.6	100.9	100.0	0.0	0.0	0.0

[Auteur]

2020	184	-135.1	-509.7	432.0	101.2	100.2	0.0	0.0	0.0
0.0									
2021	135	-122.5	-475.1	435.8	101.4	100.0	0.0	0.0	0.0
0.0									
2022	15	-121.7	-471.3	443.0	100.8	100.0	0.0	0.0	0.0
0.0									

Tabel: 156 Witblauw Mixte: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	73.8	102.0	130.0	130.0	95.8	73.6
1993	20	71.7	102.2	132.1	133.3	98.0	72.3
1994	20	73.7	102.5	130.4	131.4	97.1	73.2
1995	20	71.3	102.2	132.8	132.7	96.8	73.5
1996	39	71.9	101.7	132.0	132.2	97.3	73.1
1997	33	71.8	101.0	132.1	133.2	96.2	72.9
1998	45	72.4	101.5	131.7	133.0	97.5	72.8
1999	39	72.8	100.9	131.7	134.2	96.6	71.3
2000	66	73.3	102.1	131.0	132.9	97.3	72.7
2001	74	73.4	101.9	131.1	133.6	97.6	72.6
2002	76	72.4	102.0	132.1	134.7	97.9	71.9
2003	109	73.2	102.0	131.4	135.5	98.4	71.5
2004	132	73.5	101.6	131.0	134.4	98.2	72.4
2005	157	73.9	101.1	130.9	135.0	98.1	72.0
2006	172	74.0	101.6	130.8	135.1	97.7	71.6
2007	175	74.4	101.5	130.4	135.1	97.0	71.2
2008	187	73.8	101.6	130.9	134.5	98.1	71.9
2009	267	73.8	102.3	130.8	134.8	97.5	71.5
2010	336	73.3	101.6	131.2	134.8	97.4	71.5
2011	355	72.8	101.8	131.6	134.6	97.1	71.4
2012	389	73.0	102.0	131.5	135.2	97.0	70.8
2013	338	73.5	102.8	131.1	135.0	97.3	71.4
2014	396	74.1	101.8	130.7	135.0	97.0	71.7
2015	355	73.4	101.9	131.2	133.9	96.7	72.3
2016	337	73.6	101.7	131.0	133.6	96.5	72.6
2017	365	73.4	101.8	131.2	133.1	96.4	73.0
2018	338	74.4	101.8	130.4	133.6	96.3	72.8
2019	352	74.4	102.3	130.4	133.6	95.9	73.0
2020	319	74.0	101.7	130.7	133.3	95.6	73.2
2021	221	73.4	101.8	131.2	133.5	96.2	73.2
2022	199	73.6	102.1	131.0	133.2	96.3	73.2
2023	244	73.7	101.5	131.0	133.3	95.9	73.2
2024	96	73.7	101.1	130.8	133.7	96.1	72.8

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Tabel: 157 Witblauw Mixte: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1999	26	106.5	130.9	100.5	119.0	111.2	105.9	101.5	102.5	117.4
105.9	108.5									
2000	19	105.0	127.9	100.5	117.0	109.6	105.9	100.6	101.6	115.0
105.7	106.1									
2001	32	106.8	131.7	99.9	121.6	109.1	105.6	102.4	102.3	117.2
105.9	109.9									
2002	41	106.1	129.4	100.6	118.7	109.8	105.3	101.6	102.3	116.4
105.5	108.0									
2003	80	106.4	129.8	100.8	118.4	110.6	105.5	101.6	102.4	116.8
105.5	107.9									
2004	80	106.1	128.2	100.3	117.9	109.8	105.3	101.7	102.6	115.3
105.4	106.9									
2005	86	105.8	127.8	100.3	117.2	109.7	104.9	101.5	102.2	114.7
105.0	106.2									
2006	108	105.7	127.5	100.5	117.0	109.9	104.7	101.6	101.8	114.8
104.9	106.3									
2007	89	106.8	128.9	100.6	117.9	111.2	104.8	102.5	102.0	116.1
105.5	107.4									
2008	131	106.2	128.3	100.8	117.4	110.4	104.7	102.0	101.9	115.5
105.3	106.7									
2009	124	106.2	129.0	101.3	117.9	110.6	105.6	101.6	101.9	116.5
106.0	107.5									
2010	131	105.6	126.6	101.2	116.9	109.2	105.4	101.4	102.0	114.6
105.6	106.6									
2011	147	105.2	127.2	101.3	117.3	108.9	105.6	101.0	101.6	114.9
105.8	106.8									
2012	139	104.5	125.9	101.8	116.2	108.1	105.8	100.4	101.6	114.3
105.9	106.1									
2013	85	104.5	125.5	101.2	116.3	107.9	105.5	100.8	101.4	113.8
105.6	106.1									
2014	54	105.1	126.2	101.4	116.7	108.3	105.7	101.0	101.7	114.2
106.0	106.3									
2015	30	105.3	125.7	101.4	116.5	108.3	105.3	101.3	102.1	114.2
105.7	106.6									
2016	17	104.6	123.6	101.6	115.1	107.5	105.1	101.1	101.8	112.6
105.5	105.5									

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Tabel: 158 Witblauw Mixte: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2008	10	-275.3	843.3	-58.5	-23.2
2010	11	103.8	2617.8	3.7	21.5
2011	11	-466.4	344.5	-98.1	-40.0
2012	20	-266.9	1184.6	-55.8	-23.1
2013	13	-277.6	1231.7	-58.4	-23.8
2014	15	-267.7	1515.5	-52.5	-25.6
2015	10	86.6	2576.1	6.8	15.4
2017	15	94.6	2269.5	11.5	13.9

Tabel: 159 Witblauw Mixte: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
2017	11	79.7	94.3	96.7	75.5

Tabel: 160 Witblauw Mixte: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	95.9	97.1	0	0.0	0.0	0	0.0
1983	11	95.3	95.8	0	0.0	0.0	0	0.0
1984	15	95.7	95.9	0	0.0	0.0	0	0.0
1985	27	95.1	96.2	0	0.0	0.0	0	0.0
1986	27	94.3	96.3	0	0.0	0.0	0	0.0
1987	36	96.2	96.6	0	0.0	0.0	0	0.0
1988	31	95.2	95.7	0	0.0	0.0	0	0.0
1989	32	94.7	96.1	0	0.0	0.0	0	0.0
1990	52	95.1	96.1	0	0.0	0.0	0	0.0
1991	63	94.4	95.8	0	0.0	0.0	0	0.0
1992	59	94.0	96.1	0	0.0	0.0	0	0.0
1993	84	94.3	95.8	0	0.0	0.0	0	0.0
1994	116	94.2	95.8	0	0.0	0.0	0	0.0
1995	109	94.1	96.3	0	0.0	0.0	0	0.0
1996	139	94.5	96.5	0	0.0	0.0	0	0.0
1997	130	94.2	96.4	0	0.0	0.0	0	0.0

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1998	145	93.7	95.8	0	0.0	0.0	0	0.0
1999	135	93.7	95.9	0	0.0	0.0	0	0.0
2000	164	94.0	96.0	0	0.0	0.0	0	0.0
2001	160	93.8	96.0	0	0.0	0.0	0	0.0
2002	153	94.4	96.5	0	0.0	0.0	0	0.0
2003	187	94.5	96.3	0	0.0	0.0	0	0.0
2004	218	94.1	96.3	0	0.0	0.0	0	0.0
2005	250	94.4	96.5	0	0.0	0.0	0	0.0
2006	263	94.2	96.4	0	0.0	0.0	0	0.0
2007	248	94.2	96.1	0	0.0	0.0	0	0.0
2008	292	94.0	96.5	0	0.0	0.0	0	0.0
2009	261	94.0	96.6	0	0.0	0.0	0	0.0
2010	318	94.8	96.6	0	0.0	0.0	0	0.0
2011	336	94.5	97.1	0	0.0	0.0	0	0.0
2012	364	94.9	97.2	0	0.0	0.0	0	0.0
2013	343	94.5	96.9	0	0.0	0.0	0	0.0
2014	330	95.1	97.7	0	0.0	0.0	0	0.0
2015	303	95.2	97.9	0	0.0	0.0	0	0.0
2016	287	95.4	98.0	0	0.0	0.0	0	0.0
2017	289	95.6	98.4	0	0.0	0.0	0	0.0
2018	211	96.3	98.3	0	0.0	0.0	0	0.0
2019	193	95.8	97.9	0	0.0	0.0	0	0.0
2020	184	96.4	98.0	0	0.0	0.0	0	0.0
2021	135	95.7	97.3	0	0.0	0.0	0	0.0
2022	15	96.2	97.1	0	0.0	0.0	0	0.0

Tabel: 161 Witblauw Mixte: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	11	100.0	0	0.0	0	0.0	11	96.7
1992	11	100.0	0	0.0	0	0.0	11	96.9
1993	16	100.0	0	0.0	0	0.0	16	95.7
1994	20	100.0	0	0.0	0	0.0	20	96.3
1995	23	100.0	0	0.0	0	0.0	23	96.3
1996	36	100.0	0	0.0	0	0.0	36	95.8
1997	28	99.9	0	0.0	0	0.0	28	95.6
1998	50	99.9	0	0.0	0	0.0	50	96.0
1999	47	100.0	0	0.0	0	0.0	47	96.7
2000	69	99.9	0	0.0	0	0.0	69	96.1
2001	78	99.9	0	0.0	0	0.0	78	96.2
2002	68	99.9	0	0.0	0	0.0	68	95.7
2003	99	99.9	0	0.0	0	0.0	99	95.6
2004	126	99.9	0	0.0	0	0.0	126	95.7
2005	135	99.8	0	0.0	0	0.0	135	95.8
2006	163	99.9	0	0.0	0	0.0	163	96.1

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2007	172	99.9	0	0.0	0	0.0	172	96.2
2008	213	99.9	0	0.0	0	0.0	213	96.2
2009	215	99.9	0	0.0	0	0.0	215	96.2
2010	305	99.9	0	0.0	0	0.0	305	96.6
2011	337	99.9	0	0.0	0	0.0	337	97.0
2012	365	99.9	0	0.0	0	0.0	365	96.9
2013	341	99.9	0	0.0	0	0.0	341	96.9
2014	323	99.9	0	0.0	0	0.0	323	97.1
2015	291	99.9	0	0.0	0	0.0	291	97.2
2016	275	99.9	0	0.0	0	0.0	275	97.1
2017	273	99.9	0	0.0	0	0.0	273	97.0
2018	208	99.9	0	0.0	0	0.0	208	97.0
2019	186	99.9	0	0.0	0	0.0	186	97.2
2020	184	99.9	0	0.0	0	0.0	184	97.0
2021	139	99.9	0	0.0	0	0.0	139	97.1
2022	21	100.0	0	0.0	0	0.0	21	97.0

Tabel: 162 Rood Dubbeldoel: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	22	-1591.5	-69.2	-63.0	-74.0	3.2	-8.6	-1.4	-478.6
1981	16	-1602.0	-73.7	-63.6	-74.4	-4.9	-9.5	-1.5	-494.7
1982	18	-1713.8	-74.0	-66.8	-79.6	4.8	-7.7	-1.5	-509.4
1983	46	-1885.7	-79.8	-71.0	-87.5	9.2	-3.0	-1.4	-545.0
1984	51	-2100.4	-87.6	-77.7	-97.2	14.1	-0.3	-1.1	-597.2
1985	63	-2144.7	-93.4	-79.3	-99.2	5.5	0.1	-1.2	-621.5
1986	95	-2229.0	-94.6	-81.1	-103.1	11.7	3.4	-1.2	-632.9
1987	139	-2164.0	-93.1	-79.6	-100.1	7.9	0.9	-1.2	-621.8
1988	181	-2105.4	-89.8	-77.7	-97.4	9.8	0.5	-1.2	-603.7
1989	173	-2063.1	-88.8	-77.6	-95.5	7.1	-2.8	-1.3	-599.9
1990	162	-1961.7	-84.3	-74.7	-90.9	7.0	-4.3	-1.3	-574.1
1991	129	-1888.5	-82.4	-73.1	-87.6	4.2	-7.1	-1.4	-561.7
1992	80	-1970.4	-83.0	-74.9	-91.3	11.9	-3.9	-1.3	-571.0
1993	67	-1852.7	-79.6	-71.5	-85.9	7.1	-6.2	-1.3	-546.3
1994	64	-1758.3	-75.5	-68.2	-81.6	6.9	-6.7	-1.3	-519.5
1995	58	-1768.6	-77.8	-69.6	-82.1	2.3	-9.1	-1.4	-532.6
1996	31	-1933.3	-78.6	-70.0	-89.6	16.9	3.2	-1.4	-536.8
1997	29	-1850.2	-79.4	-69.7	-85.8	6.1	-2.9	-1.4	-537.6
1998	35	-1767.3	-80.5	-69.4	-82.0	-3.7	-8.6	-1.5	-540.0
1999	37	-1714.1	-78.2	-68.3	-79.6	-3.6	-10.4	-1.4	-528.4
2000	33	-1740.0	-78.1	-66.9	-80.7	-0.7	-5.7	-1.4	-522.0
2001	35	-1588.4	-71.1	-63.3	-73.8	-0.7	-9.3	-1.5	-485.6
2002	40	-1690.5	-78.2	-66.5	-63.1	-5.5	-8.1	30.6	-520.6
2003	42	-1653.5	-78.0	-65.7	-54.0	-8.9	-9.7	46.7	-516.6
2004	47	-1483.3	-73.0	-62.7	-46.6	-13.5	-15.8	44.1	-489.1

[Auteur]

2005	37	-1592.7	-76.7	-65.2	-50.2	-11.9	-13.2	47.9	-510.7
2006	61	-1441.0	-71.5	-60.3	-45.8	-14.5	-14.2	41.4	-474.1
2007	42	-1498.4	-75.7	-62.8	-48.7	-18.0	-15.0	41.3	-497.0
2008	46	-1382.0	-69.6	-58.7	-45.3	-15.7	-15.0	36.1	-461.4
2009	30	-1608.4	-80.5	-64.8	-54.2	-18.0	-11.0	41.5	-520.1
2010	28	-1377.3	-70.2	-59.4	-47.6	-17.6	-16.6	30.9	-466.3
2011	27	-1332.7	-70.7	-56.6	-43.2	-22.2	-14.5	35.8	-455.4
2012	32	-1466.2	-73.0	-59.5	-49.2	-15.1	-10.9	37.2	-475.2
2013	25	-1469.9	-66.9	-59.4	-48.2	-3.0	-10.3	39.4	-456.2
2014	23	-1356.9	-65.5	-55.8	-46.5	-10.0	-11.3	31.6	-436.3
2015	41	-1338.0	-68.9	-56.1	-44.8	-18.1	-13.0	33.1	-447.8
2016	27	-1426.1	-69.8	-57.3	-52.1	-12.4	-9.1	27.2	-455.6
2017	34	-1344.0	-63.9	-56.0	-44.9	-7.4	-12.3	33.8	-432.7
2018	24	-1485.0	-70.2	-60.7	-52.0	-8.0	-11.9	33.3	-471.6
2019	24	-1457.0	-65.2	-59.5	-47.2	0.8	-11.2	40.7	-451.4
2020	21	-1272.8	-66.0	-55.6	-40.8	-17.9	-16.4	35.0	-437.1
2021	18	-1572.3	-68.3	-61.4	-51.1	4.2	-6.6	44.2	-468.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 163 Rood Dubbeldoel: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	95.6	92.6	94.1	98.2	100.4	92.2	99.7
1986	13	95.1	91.0	93.0	97.8	99.3	93.3	100.4
1987	19	94.6	91.8	93.4	97.9	99.5	93.1	100.1
1988	24	95.5	92.3	94.0	98.5	99.5	92.2	102.0
1989	34	94.4	93.1	93.7	97.9	100.3	92.3	101.5
1990	43	95.8	92.3	93.6	98.0	99.8	92.6	102.3
1991	21	95.1	92.0	94.0	98.4	99.6	92.7	101.3
1992	14	95.5	93.4	93.5	97.3	101.4	92.3	101.8
1993	15	95.7	92.2	93.6	98.5	99.5	93.3	101.1
1994	16	95.1	94.6	94.2	97.9	101.6	92.1	102.1
1995	15	94.6	94.5	94.1	98.4	100.9	92.9	102.8
1998	12	96.1	92.8	94.2	98.8	100.2	94.7	100.8
1999	11	96.7	92.5	94.9	99.5	99.0	92.6	102.2
2001	10	96.4	93.2	95.1	99.2	100.1	93.4	102.0
2002	14	96.0	92.9	95.1	99.4	99.9	94.0	101.6

Tabel: 164 Rood Dubbeldoel: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
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[Auteur]



1985	10	92.8	100.5	103.4	92.9	94.1
1986	13	91.4	101.2	102.1	91.5	92.5
1987	19	91.7	101.5	101.7	91.8	93.4
1988	24	92.1	101.2	102.4	92.1	93.5
1989	34	91.3	101.9	101.5	91.6	92.7
1990	43	91.7	100.5	102.6	91.8	92.9
1991	21	92.0	100.6	102.7	91.9	93.1
1992	14	92.0	101.2	103.1	92.3	93.3
1993	15	90.9	101.3	101.9	91.4	92.5
1994	16	91.5	100.5	103.0	91.8	92.6
1995	15	91.7	102.2	101.5	92.0	93.1
1998	12	93.6	100.7	103.2	93.0	94.7
1999	11	93.2	99.5	103.9	92.5	94.3
2001	10	93.1	99.2	104.5	92.6	94.1
2002	14	94.3	98.8	105.0	93.0	94.9

Tabel: 165 Rood Dubbeldoel: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	10	98.5	94.6	103.7	100.1	96.4	96.8	96.2
102.9								
1986	13	97.8	92.9	104.8	99.6	96.7	96.4	95.2
103.1								
1987	19	98.3	94.8	103.3	100.2	96.6	97.1	96.3
102.9								
1988	24	97.2	94.0	104.2	99.0	95.9	96.8	96.0
102.6								
1989	34	97.9	93.9	104.9	99.6	96.1	96.1	95.4
102.9								
1990	43	97.8	93.4	104.8	99.8	96.2	96.1	95.1
103.0								
1991	21	97.2	94.7	104.6	98.6	96.4	96.3	95.9
102.8								
1992	14	96.9	92.6	106.2	99.4	95.5	96.6	95.4
103.3								
1993	15	97.1	91.7	106.2	99.3	95.8	95.2	93.8
103.2								
1994	16	97.1	92.6	105.6	99.2	95.8	96.2	95.1
103.2								
1995	15	96.5	92.4	105.6	98.7	95.3	95.4	94.3
102.8								
1998	12	97.3	94.4	103.7	99.8	95.9	96.8	96.2
102.9								

[Auteur]

1999	11	97.7	94.9	104.4	100.0	96.5	97.2	96.5
103.4								
2001	10	98.1	94.9	103.9	100.6	95.9	96.9	96.4
103.0								
2002	14	98.1	96.2	103.7	99.9	96.6	97.3	97.3
103.0								

Tabel: 166 Rood Dubbeldoel: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	10	90.2	90.6	95.2	93.4	99.9	88.7
1986	13	89.8	88.2	94.1	91.5	98.9	86.6
1987	19	89.7	89.1	95.3	92.2	98.9	87.7
1988	24	91.1	90.4	94.0	92.5	99.1	87.8
1989	34	90.6	90.3	94.1	91.4	99.1	87.0
1990	43	91.2	90.0	93.8	91.9	99.2	87.3
1991	21	90.5	90.0	93.9	92.0	99.0	87.3
1992	14	91.2	90.9	93.1	92.4	100.1	87.4
1993	15	90.7	89.6	92.4	91.3	98.4	86.0
1994	16	91.8	91.6	93.1	91.6	100.4	87.1
1995	15	92.1	91.8	92.2	91.9	99.6	87.1
1998	12	91.7	91.2	94.5	93.8	99.3	89.2
1999	11	91.6	91.5	94.9	93.6	98.6	89.2
2001	10	92.2	92.0	95.0	93.4	99.1	89.3
2002	14	92.4	92.3	95.7	94.6	99.4	90.6

Tabel: 167 Rood Dubbeldoel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	66	99.6	102.3	98.0	100.2	98.4	96.6	87.8	99.9
98.5									
1981	33	98.5	103.2	97.3	100.3	97.4	94.7	87.1	100.1
97.5									
1982	67	98.9	102.5	97.5	100.1	97.7	95.8	86.7	99.8
97.9									
1983	105	99.6	103.4	98.8	101.1	98.5	95.9	87.3	101.0
98.9									

[Auteur]

1984	108	99.3	102.6	97.6	100.2	97.8	95.4	86.4	99.9
97.9									
1985	119	98.9	102.9	97.5	100.2	97.4	94.8	86.1	99.9
97.7									
1986	144	98.7	102.6	97.2	99.9	97.1	94.6	86.5	99.6
97.4									
1987	176	98.3	102.9	97.0	99.9	97.0	94.3	86.6	99.6
97.2									
1988	226	99.0	102.5	97.6	100.0	97.6	95.3	86.5	99.8
97.8									
1989	236	99.0	103.2	98.0	100.6	97.9	95.0	87.1	100.4
98.1									
1990	209	98.9	102.5	97.7	100.0	97.6	95.0	86.7	99.9
97.8									
1991	167	99.3	102.6	98.0	100.3	98.0	95.5	87.2	100.1
98.2									
1992	115	98.8	102.8	97.8	100.3	97.7	95.1	86.9	100.1
98.0									
1993	93	99.4	102.3	97.9	100.0	98.0	95.6	86.7	99.9
98.1									
1994	81	99.2	102.1	97.6	99.8	97.8	95.6	87.1	99.5
97.9									
1995	71	100.0	102.4	98.6	100.6	98.8	96.1	88.2	100.3
98.8									
1996	46	100.0	102.5	98.6	100.8	98.8	95.9	87.8	100.4
98.7									
1997	36	99.4	101.8	97.5	99.8	97.9	95.5	87.3	99.4
97.8									
1998	41	99.5	102.0	97.8	100.0	98.1	95.5	87.8	99.6
98.0									
1999	43	99.7	102.1	97.9	100.1	98.5	95.7	87.8	99.7
98.1									
2000	35	99.4	102.0	97.7	99.9	98.1	95.1	87.8	99.6
97.9									
2001	39	99.3	102.5	98.0	100.4	98.2	95.3	88.1	100.0
98.1									
2002	48	99.2	102.8	98.2	100.6	98.3	95.2	88.4	100.4
98.3									
2003	52	99.5	102.4	98.0	100.2	98.3	95.5	87.3	100.0
98.2									
2004	65	98.8	102.0	97.2	99.7	97.6	95.3	87.9	99.3
97.6									
2005	61	99.0	102.2	97.4	99.9	97.8	95.0	87.3	99.6
97.7									
2006	67	99.4	101.7	97.5	99.7	98.1	95.5	87.7	99.3
97.9									
2007	58	99.1	101.9	97.4	99.7	97.8	95.1	87.9	99.4
97.7									
2008	62	99.9	101.6	98.0	99.8	98.5	95.6	88.0	99.5
98.2									

[Auteur]

2009	48	99.7	101.9	98.1	100.0	98.5	95.5	88.7	99.8
98.1									
2010	43	99.5	102.4	98.3	100.4	98.5	95.6	88.7	100.3
98.4									
2011	45	99.6	102.1	98.2	100.2	98.5	95.7	88.6	100.0
98.3									
2012	54	99.0	102.3	98.0	100.1	98.1	95.9	90.3	100.0
98.2									
2013	46	100.0	101.4	98.0	99.7	98.5	96.0	89.0	99.4
98.2									
2014	40	99.0	102.4	97.9	100.2	98.0	95.4	89.4	100.0
98.1									
2015	62	99.4	101.7	97.7	99.7	98.2	95.5	89.5	99.5
97.9									
2016	34	99.4	102.2	98.1	100.1	98.4	95.9	90.1	99.9
98.3									
2017	47	98.9	102.3	97.9	100.1	98.0	95.6	90.1	99.8
98.1									
2018	38	99.0	102.4	98.0	100.1	98.1	95.4	89.5	100.0
98.1									
2019	36	99.7	102.6	99.0	100.9	99.0	95.7	90.3	100.7
98.8									
2020	32	99.8	102.2	98.5	100.5	98.9	95.7	89.2	100.2
98.7									
2021	34	99.8	102.9	99.2	101.1	99.2	95.5	89.4	101.0
99.0									
2022	12	99.0	103.8	99.2	101.6	98.8	95.3	90.8	101.4
99.2									

Tabel: 168 Rood Dubbeldoel: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	10	96.0	0.0	95.7	100.6	101.8
1986	11	96.8	0.0	94.8	99.6	101.4
1987	16	96.4	0.0	95.6	100.7	102.2
1988	23	95.9	97.0	95.1	100.0	101.1
1989	33	95.7	96.0	95.2	100.3	101.5
1990	33	95.7	0.0	94.8	99.8	100.5
1991	15	95.5	0.0	94.9	99.7	101.7
1993	12	96.6	96.0	95.0	99.9	100.9
1994	10	96.0	98.0	94.8	99.9	101.1
1995	14	96.4	97.6	95.4	99.7	102.0
1998	12	96.5	96.2	94.7	99.0	101.1
1999	11	96.2	96.5	95.1	99.4	101.5

[Auteur]

2001	10	95.6	97.6	95.6	99.5	100.8
2002	15	94.4	96.5	95.3	99.0	101.2

Tabel: 169 Rood Dubbeldoel: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980 0.0	22	-155.4	-478.6	0.0	100.8	98.5	93.0	94.5	0.0
1981 0.0	16	-159.2	-494.7	0.0	100.2	97.5	95.0	93.0	0.0
1982 0.0	18	-168.6	-509.4	0.0	100.7	97.9	93.8	93.0	0.0
1983 0.0	46	-171.8	-545.0	0.0	101.4	98.9	94.6	92.1	0.0
1984 0.0	51	-194.8	-597.2	-28.5	101.2	97.9	95.1	93.9	98.0
1985 123.3	63	-206.7	-621.5	0.0	101.5	97.7	95.2	93.4	0.0
1986 138.0	95	-217.9	-632.9	278.0	100.7	97.4	94.1	91.5	0.0
1987 102.0	139	-200.0	-621.8	221.6	101.8	97.2	95.3	92.2	0.0
1988 108.6	181	-208.1	-603.7	325.1	100.7	97.8	94.0	92.5	0.0
1989 108.0	173	-217.4	-599.9	291.6	101.1	98.1	94.1	91.4	97.0
1990 117.7	162	-217.5	-574.1	341.0	100.2	97.8	93.8	91.9	99.0
1991 108.9	129	-197.5	-561.7	232.4	100.9	98.2	93.9	92.0	0.0
1992 100.8	80	-213.2	-571.0	255.6	100.2	98.0	93.1	92.4	0.0
1993 120.5	67	-210.4	-546.3	170.1	100.6	98.1	92.4	91.3	97.0
1994 96.8	64	-190.9	-519.5	212.0	100.7	97.9	93.1	91.6	0.0
1995 92.2	58	-205.6	-532.6	26.7	101.2	98.8	92.2	91.9	97.0
1996 88.2	31	-211.3	-536.8	-153.9	100.3	98.7	95.6	93.0	97.7
1997 104.5	29	-209.2	-537.6	-50.6	100.9	97.8	95.0	94.0	0.0

[Auteur]

1998 111.8	35	-220.2	-540.0	-154.7	100.3	98.0	94.5	93.8	0.0
1999 92.8	37	-224.0	-528.4	-348.3	100.7	98.1	94.9	93.6	97.8
2000 118.7	33	-222.6	-522.0	-416.8	100.8	97.9	95.6	94.1	97.7
2001 89.3	35	-221.0	-485.6	-381.3	100.3	98.1	95.0	93.4	98.2
2002 119.3	40	-234.8	-520.6	-432.2	100.4	98.3	95.7	94.6	97.2
2003 104.0	42	-233.8	-516.6	-462.5	100.0	98.2	97.0	95.5	97.4
2004 82.4	47	-221.5	-489.1	-426.3	100.8	97.6	0.0	0.0	97.3
2005 78.8	37	-230.2	-510.7	-459.1	99.7	97.7	0.0	0.0	97.0
2006 66.6	61	-223.7	-474.1	-462.8	100.6	97.9	96.0	92.0	97.2
2007 88.4	42	-213.9	-497.0	-410.5	100.6	97.7	93.0	92.0	97.5
2008 78.9	46	-211.4	-461.4	-407.2	100.6	98.2	94.5	93.0	97.0
2009 106.9	30	-241.8	-520.1	-444.1	99.8	98.1	0.0	0.0	96.8
2010 90.9	28	-213.6	-466.3	-335.7	101.6	98.4	97.5	91.5	97.0
2011 73.1	27	-194.8	-455.4	-385.7	100.1	98.3	0.0	0.0	97.1
2012 70.1	32	-202.0	-475.2	-474.4	100.2	98.2	99.0	94.0	97.1
2013 70.5	25	-187.6	-456.2	-469.3	101.4	98.2	0.0	0.0	97.1
2014 77.3	23	-179.0	-436.3	-392.6	100.7	98.1	97.0	92.0	96.9
2015 75.6	41	-191.1	-447.8	-439.2	100.5	97.9	95.0	93.0	97.0
2016 71.6	27	-192.6	-455.6	-493.8	100.4	98.3	0.0	0.0	96.8
2017 72.3	34	-175.2	-432.7	-413.9	101.5	98.1	0.0	0.0	96.4
2018 81.7	24	-184.0	-471.6	-420.3	101.8	98.1	0.0	0.0	96.0
2019 71.4	24	-185.8	-451.4	-395.8	101.0	98.8	0.0	0.0	96.4
2020 81.5	21	-172.1	-437.1	-314.3	101.8	98.7	0.0	0.0	96.3
2021 90.4	18	-193.6	-468.9	-412.6	101.7	99.0	0.0	0.0	96.1

[Auteur]

Tabel: 170 Rood Dubbeldoel: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2004	10	98.7	98.8	98.7	98.8	97.5	99.6
2006	16	98.8	98.4	98.8	98.4	97.9	99.5
2007	26	99.9	98.0	99.9	98.0	98.7	99.2
2008	50	100.1	97.6	100.1	97.6	98.8	99.0
2009	44	99.6	97.7	99.6	97.7	98.5	98.9
2010	35	99.9	97.5	99.9	97.5	98.9	99.0
2011	29	99.9	97.6	99.9	97.6	98.7	98.8
2012	34	99.4	97.4	99.4	97.4	98.5	98.7
2013	37	99.8	97.2	99.8	97.2	98.7	98.6
2014	31	99.5	97.6	99.5	97.6	98.2	98.8
2015	52	99.7	97.6	99.7	97.6	98.5	98.8
2016	33	99.2	97.4	99.2	97.4	97.9	98.5
2017	41	98.9	97.3	98.9	97.3	97.6	98.4
2018	42	98.9	97.0	98.9	97.0	97.4	98.3
2019	43	98.4	97.4	98.4	97.4	97.3	98.4
2020	37	98.8	97.4	98.8	97.4	97.6	98.6
2021	48	98.6	97.2	98.6	97.2	97.3	98.5
2022	35	99.0	97.2	99.0	97.2	97.7	98.5
2023	44	98.9	97.4	98.9	97.4	97.7	98.6
2024	16	98.1	97.2	98.1	97.2	96.9	98.4

Tabel: 171 Rood Dubbeldoel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	13	77.8	106.5	123.7	105.4	96.8	99.9
1984	23	79.3	104.7	121.9	105.6	97.8	98.7
1985	28	78.3	105.9	122.8	106.0	97.5	98.5
1986	36	78.1	106.3	122.8	104.7	97.4	100.1
1987	72	78.0	105.6	122.9	105.5	96.0	98.1
1988	116	77.2	107.3	123.6	105.8	95.7	97.0
1989	103	76.4	106.2	124.4	105.3	95.6	98.5
1990	108	78.1	106.4	122.8	104.9	95.8	99.5
1991	69	81.6	104.9	119.8	105.4	97.2	99.3
1992	54	80.7	105.8	120.9	104.3	96.4	100.9
1993	39	77.2	106.2	123.5	103.7	97.6	101.1
1994	22	78.8	105.5	122.2	103.8	98.2	101.5
1995	16	80.7	104.4	120.7	105.7	96.3	98.6

[Auteur]

1996	11	79.9	105.2	121.4	105.0	95.8	99.2
1998	15	79.7	104.4	121.3	103.4	95.7	101.2
1999	23	80.7	104.7	120.7	104.1	95.8	100.9
2000	15	78.2	105.3	122.5	103.9	97.0	100.8
2001	20	81.3	104.0	120.0	104.9	97.1	99.8
2002	30	81.1	102.9	120.1	104.8	95.9	99.6
2003	20	81.1	104.2	120.0	104.2	96.3	99.4
2004	33	81.2	103.2	119.8	104.2	96.7	99.5
2005	13	78.7	104.7	121.6	103.7	96.8	100.3
2006	33	80.3	104.5	120.7	104.2	95.9	99.8
2007	38	82.2	104.2	119.0	103.6	96.7	101.3
2008	39	82.2	103.9	119.2	103.2	95.2	101.6
2009	37	81.7	104.4	119.7	103.1	94.9	101.3
2010	35	81.8	105.7	119.7	103.6	95.4	102.3
2011	30	82.2	104.5	119.4	103.9	95.2	101.1
2012	38	82.4	105.2	119.2	103.6	94.8	100.9
2013	37	84.2	104.5	117.8	104.8	93.5	99.4
2014	29	81.8	104.5	119.7	104.1	95.2	100.7
2015	53	83.1	103.5	118.5	104.5	94.2	99.4
2016	33	83.5	103.2	118.0	104.9	93.9	98.6
2017	41	81.1	104.5	120.0	104.5	94.8	98.7
2018	42	80.8	104.4	120.3	104.9	94.4	97.9
2019	42	82.5	103.8	119.0	105.0	94.6	98.4
2020	33	82.3	103.8	119.3	104.9	94.8	99.1
2021	41	82.2	103.2	119.2	104.8	95.0	99.4
2022	38	81.1	104.8	120.1	104.2	94.6	99.6
2023	48	82.0	104.6	119.4	104.4	94.9	99.2
2024	19	80.8	104.6	120.3	104.8	95.4	98.8

Tabel: 172 Rood Dubbeldoel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
2002	17	102.8	109.1	96.4	108.6	103.8	101.0	102.1	98.2	107.7
		98.4	106.4							
2003	16	102.8	112.9	96.8	110.0	105.3	101.2	101.6	97.6	110.2
		98.2	107.4							
2004	25	101.0	108.8	98.5	107.1	102.8	101.5	100.4	97.2	107.5
		98.6	105.4							
2005	12	101.4	110.2	99.4	107.3	104.1	101.9	100.5	97.6	108.9
		98.9	105.9							
2006	17	102.4	109.9	97.8	108.8	103.5	101.6	101.2	98.2	107.9
		98.8	106.5							

[Auteur]



2007	27	101.4	106.4	99.0	106.2	102.5	101.7	100.5	98.3	106.0
		99.2	104.9							
2008	36	101.6	107.0	98.5	106.4	102.8	101.6	100.6	98.4	106.4
		98.8	105.1							
2009	28	101.1	106.3	98.5	105.5	102.8	101.7	100.0	98.6	105.9
		99.0	104.1							
2010	14	101.9	106.0	99.7	105.7	103.3	102.2	100.7	99.2	106.1
		99.8	104.9							
2011	16	101.6	107.1	98.9	106.2	103.1	101.8	100.8	98.4	106.4
		99.1	105.2							
2012	19	101.7	107.7	98.1	107.0	103.4	101.4	101.0	98.2	106.7
		98.6	105.5							
2015	11	100.7	106.3	99.0	105.6	102.5	102.0	99.8	98.5	105.8
		99.3	104.0							

Tabel: 173 Rood Dubbeldoel: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36	-4483.4	-15916.4	-674.6	-572.0
2002	40	-4864.1	-17193.2	-738.1	-616.2
2003	42	-5015.9	-17701.8	-762.1	-634.8
2004	47	-4756.3	-16593.5	-720.4	-603.5
2005	37	-4987.9	-17498.5	-757.2	-631.7
2006	61	-4910.9	-17181.6	-746.1	-621.5
2007	40	-4687.9	-16314.1	-713.1	-592.7
2008	46	-4568.8	-15880.6	-693.4	-578.7
2009	30	-4915.8	-17142.8	-751.3	-619.0
2010	28	-4194.3	-14428.4	-635.5	-532.0
2011	27	-4441.0	-15331.0	-679.3	-558.9
2012	32	-4981.1	-17473.3	-760.7	-627.7
2013	25	-4910.0	-17396.3	-742.4	-623.9
2014	23	-4450.3	-15607.0	-674.4	-564.4
2015	42	-4741.1	-16532.9	-724.0	-597.5
2016	27	-5054.6	-17806.8	-772.0	-636.9
2017	34	-4553.6	-15979.4	-689.4	-578.0
2018	24	-4699.7	-16542.5	-712.1	-596.1
2019	24	-4472.5	-15758.2	-672.6	-570.8
2020	21	-3994.2	-13743.5	-604.8	-506.9
2021	18	-4599.1	-16407.9	-692.4	-586.5

Tabel: 174 Rood Dubbeldoel: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel

[Auteur]

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	22	97.0	95.5	0	0.0	0.0	0	0.0
1981	16	97.0	95.8	0	0.0	0.0	0	0.0
1982	18	96.4	96.6	0	0.0	0.0	0	0.0
1983	46	96.5	95.7	0	0.0	0.0	0	0.0
1984	51	95.7	96.3	0	0.0	0.0	0	0.0
1985	63	96.3	96.6	53	-4.9	123.3	0	0.0
1986	95	95.9	96.1	71	-5.2	138.0	0	0.0
1987	139	95.5	96.0	124	-4.7	102.0	0	0.0
1988	181	95.3	96.2	114	-4.7	108.6	0	0.0
1989	173	96.1	97.1	99	-4.7	108.0	0	0.0
1990	162	96.3	97.3	94	-4.6	117.7	0	0.0
1991	129	95.5	97.2	68	-4.3	108.9	0	0.0
1992	80	96.5	98.2	42	-4.5	100.8	0	0.0
1993	67	95.9	97.8	33	-4.5	120.5	0	0.0
1994	64	96.1	97.3	40	-4.0	96.8	0	0.0
1995	58	95.7	96.0	29	-4.1	92.2	0	0.0
1996	31	95.1	96.4	16	-3.9	88.2	0	0.0
1997	29	96.6	96.8	11	-4.3	104.5	0	0.0
1998	35	96.3	97.5	17	-4.3	111.8	0	0.0
1999	37	96.6	97.5	17	-4.0	92.8	0	0.0
2000	33	96.8	96.9	11	-4.5	118.7	0	0.0
2001	35	97.6	97.1	16	-3.8	89.3	10	94.2
2002	40	97.1	97.7	16	-3.8	119.3	14	94.1
2003	42	96.9	96.9	6	-3.6	104.0	2	92.0
2004	47	97.0	97.4	14	-3.4	82.4	0	0.0
2005	37	97.5	97.7	13	-3.2	78.8	0	0.0
2006	61	97.5	97.4	15	-2.6	66.6	1	96.0
2007	42	98.1	97.6	22	-3.5	88.4	1	92.0
2008	46	98.2	98.1	17	-3.1	78.9	2	93.0
2009	30	98.1	97.6	9	-4.1	106.9	0	0.0
2010	28	98.6	97.2	10	-3.5	90.9	2	92.5
2011	27	98.4	98.7	18	-3.3	73.1	0	0.0
2012	32	98.7	98.6	24	-3.3	70.1	1	93.0
2013	25	98.3	97.7	22	-3.2	70.5	0	0.0
2014	23	98.0	97.5	20	-3.2	77.3	1	92.0
2015	41	98.1	98.1	36	-3.2	75.6	1	95.0
2016	27	97.6	97.3	25	-3.2	71.6	0	0.0
2017	34	98.3	98.2	30	-3.1	72.3	0	0.0
2018	24	97.8	98.1	23	-3.4	81.7	0	0.0
2019	24	95.9	95.2	15	-3.0	71.4	0	0.0
2020	21	97.6	97.2	13	-3.2	81.5	0	0.0
2021	18	97.6	97.6	10	-3.3	90.4	0	0.0

Tabel: 175 Rood Dubbeldoel: Stofwisselingsaandoeningen

[Auteur]

Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1999	13	100.0	0	0.0	0	0.0	13	97.0
2001	10	100.0	0	0.0	0	0.0	10	96.4
2002	14	100.0	0	0.0	0	0.0	14	97.2
2004	19	100.0	0	0.0	0	0.0	19	97.5
2006	26	100.0	0	0.0	0	0.0	26	97.2
2007	23	100.0	0	0.0	0	0.0	23	97.1
2008	22	100.0	0	0.0	0	0.0	22	98.0
2009	23	100.0	0	0.0	0	0.0	23	98.9
2010	27	100.0	0	0.0	0	0.0	27	97.9
2011	25	100.0	0	0.0	0	0.0	25	98.7
2012	32	99.9	0	0.0	0	0.0	32	97.2
2013	25	99.9	0	0.0	0	0.0	25	96.4
2014	20	100.0	0	0.0	0	0.0	20	98.2
2015	38	100.0	0	0.0	0	0.0	38	98.1
2016	23	100.0	0	0.0	0	0.0	23	99.0
2017	32	100.0	0	0.0	0	0.0	32	98.7
2018	23	100.0	0	0.0	0	0.0	23	98.7
2019	23	100.0	0	0.0	0	0.0	23	98.0
2020	21	100.0	0	0.0	0	0.0	21	98.1
2021	15	100.0	0	0.0	0	0.0	15	98.1

Tabel: 176 Rood Vlees: Vruchtbaarheidskenmerken  
Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
2005	11	98.2	103.0	98.6	101.5	98.5	96.4	110.8	100.6
98.7									
2006	13	98.2	103.3	99.1	101.8	98.5	96.5	110.7	101.2
99.1									
2007	12	99.2	102.8	99.7	101.8	99.6	96.9	108.6	101.2
99.7									
2008	18	98.6	102.7	99.1	101.6	99.0	96.9	109.0	100.8
99.2									
2009	17	99.2	102.8	99.7	101.8	99.4	96.6	108.5	101.3
99.6									
2010	40	98.7	103.5	100.0	102.3	99.5	97.1	109.2	101.8
100.0									

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2011	69	99.2	103.4	100.5	102.6	99.9	97.5	109.0	102.1
100.5									
2012	55	99.2	103.3	100.4	102.5	100.1	97.4	108.5	102.0
100.4									
2013	53	99.8	103.3	100.7	102.8	100.5	97.8	109.7	102.1
100.6									
2014	68	99.7	102.9	100.4	102.4	100.3	97.7	109.4	101.7
100.4									
2015	75	99.1	103.0	99.9	102.1	99.7	97.4	109.4	101.5
100.0									
2016	70	99.6	103.6	100.7	102.9	100.3	97.7	109.5	102.3
100.7									
2017	89	99.6	103.8	100.9	103.0	100.4	97.7	110.1	102.5
100.8									
2018	70	99.8	103.8	100.8	103.2	100.5	98.0	110.7	102.5
101.0									
2019	62	99.9	103.7	100.7	103.2	100.5	97.8	110.9	102.5
100.9									
2020	56	99.3	104.1	100.6	103.1	99.9	97.6	111.2	102.5
100.6									
2021	14	99.9	103.9	100.7	103.2	100.2	97.9	112.6	102.4
100.9									
2022	12	99.1	104.3	100.2	103.2	99.8	97.5	112.9	102.2
100.5									

Tabel: 177 Rood Vlees: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2010	10	120.0	103.4	78.0	90.7	106.8	111.6
2013	11	116.8	100.2	81.0	90.7	107.0	111.4
2015	19	115.7	101.6	81.9	89.2	107.2	112.9
2016	20	115.8	101.5	81.4	89.5	107.8	111.4
2017	26	116.2	101.3	80.7	90.0	108.4	110.0
2018	16	114.3	101.8	82.6	88.9	108.3	111.6
2019	24	114.1	101.8	83.1	89.8	108.0	111.0
2020	18	114.0	102.7	83.1	89.1	108.1	111.9
2021	17	114.1	103.0	83.8	90.5	109.6	112.6
2022	20	114.2	102.5	82.8	89.3	109.5	111.5
2023	22	114.5	102.3	82.7	88.8	107.7	112.1
2024	14	115.3	103.2	82.4	89.3	109.2	111.5

Tabel: 178 Rood Vlees: Vleeskenmerken

[Auteur]

Basis: Belgisch witblauw  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
2005	10	92.4	59.5	96.1	84.1	81.8	93.6	99.2	96.0	84.4
94.4	100.8									
2006	13	93.0	59.1	94.7	84.4	81.9	93.2	99.8	96.6	83.8
94.2	100.5									
2008	14	94.1	60.9	95.1	85.7	83.6	93.7	100.5	96.9	85.9
94.9	102.1									
2010	22	94.5	60.9	94.6	86.0	83.0	93.5	100.7	97.2	85.5
94.6	102.7									
2011	27	93.7	59.2	94.3	85.6	81.4	93.3	100.4	97.4	83.6
94.4	101.8									
2012	16	93.4	58.9	93.3	85.2	81.4	92.9	100.3	97.3	83.6
93.9	101.1									
2013	21	92.0	59.0	95.3	85.3	80.4	94.6	98.7	96.4	84.4
94.6	101.3									
2014	24	92.0	58.1	94.5	87.1	77.6	94.4	99.1	97.6	82.1
94.6	102.0									
2015	18	94.1	61.0	93.9	89.9	79.4	94.8	100.9	98.1	83.6
95.0	104.5									
2016	11	93.2	58.9	93.3	89.9	76.8	94.6	100.5	98.2	81.4
94.5	103.9									

Tabel: 179 Witrood: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	593	-1650.1	-74.0	-66.3	-76.6	-1.2	-11.3	-1.4	-507.1
1981	651	-1740.7	-77.8	-69.4	-80.8	-0.7	-11.0	-1.4	-531.8
1982	685	-1761.9	-77.9	-70.3	-81.7	1.3	-11.2	-1.4	-535.9
1983	500	-1800.3	-79.5	-72.9	-83.5	1.5	-13.9	-1.4	-552.1
1984	492	-1880.1	-83.8	-75.6	-87.2	0.2	-13.6	-1.4	-576.6
1985	777	-1841.1	-83.5	-73.7	-85.4	-2.9	-12.2	-1.3	-567.5
1986	1200	-1872.0	-83.9	-74.2	-86.8	-0.8	-10.8	-1.3	-570.8
1987	2324	-1834.4	-81.9	-72.9	-85.0	0.0	-10.9	-1.3	-559.1
1988	3293	-1779.4	-80.4	-71.5	-82.6	-1.7	-11.9	-1.4	-548.6
1989	3395	-1898.7	-83.8	-74.5	-88.0	2.7	-9.0	-1.3	-571.7
1990	3794	-1788.2	-80.2	-71.8	-82.9	-0.2	-11.7	-1.4	-549.5
1991	4290	-1704.0	-77.1	-68.6	-79.1	-1.7	-11.4	-1.4	-526.5

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1992	4192	-1653.5	-75.9	-67.4	-76.8	-3.9	-12.6	-1.4	-517.3
1993	4077	-1567.2	-73.1	-64.7	-72.9	-6.0	-13.4	-1.5	-497.4
1994	3695	-1552.4	-70.9	-63.5	-72.2	-3.1	-12.3	-1.5	-486.0
1995	2870	-1409.0	-64.5	-59.1	-65.6	-3.0	-13.7	-1.5	-447.9
1996	1222	-1403.4	-64.7	-59.0	-65.4	-3.7	-14.0	-1.5	-447.8
1997	570	-1324.2	-64.2	-56.2	-61.8	-8.9	-13.8	-1.6	-434.3
1998	403	-1295.6	-61.6	-55.6	-60.4	-6.8	-14.6	-1.6	-423.8
1999	359	-1188.5	-58.3	-52.2	-55.6	-9.6	-15.4	-1.6	-399.4
2000	306	-1154.9	-57.6	-51.4	-54.0	-10.8	-16.1	-1.6	-393.9
2001	295	-1045.2	-54.0	-48.3	-48.9	-12.5	-17.4	-1.4	-369.6
2002	226	-1130.1	-56.3	-50.2	-50.4	-10.0	-15.4	3.5	-385.0
2003	169	-1039.9	-56.5	-48.1	-37.8	-17.7	-17.4	19.4	-376.5
2004	209	-1093.7	-56.6	-48.7	-40.8	-13.5	-14.9	18.7	-379.2
2005	241	-1138.9	-60.5	-50.2	-43.5	-17.3	-14.7	17.6	-397.5
2006	247	-1048.3	-56.9	-47.2	-40.4	-17.4	-14.8	15.1	-373.6
2007	252	-1023.4	-59.0	-46.9	-39.8	-23.5	-16.1	13.8	-378.8
2008	237	-1029.3	-59.1	-47.3	-39.7	-23.2	-16.3	14.8	-380.5
2009	251	-972.1	-57.4	-44.8	-39.6	-25.1	-15.9	9.8	-365.0
2010	237	-928.5	-57.1	-43.3	-38.4	-27.7	-15.9	8.1	-357.6
2011	242	-1004.3	-58.9	-45.7	-40.7	-25.8	-15.4	10.5	-373.3
2012	245	-988.0	-57.6	-44.6	-38.7	-24.2	-14.4	12.8	-364.6
2013	268	-1047.9	-60.5	-46.6	-42.4	-25.2	-14.5	11.0	-382.1
2014	272	-1021.3	-60.4	-46.0	-41.7	-27.2	-14.7	10.1	-379.1
2015	256	-1073.8	-61.4	-47.9	-43.6	-24.7	-14.8	11.1	-390.3
2016	277	-1022.6	-60.6	-46.7	-40.8	-26.7	-15.9	11.9	-382.6
2017	254	-962.8	-57.2	-43.1	-39.2	-25.2	-13.2	9.5	-357.2
2018	223	-938.0	-55.8	-43.1	-38.6	-25.1	-14.9	8.4	-352.8
2019	225	-980.9	-57.3	-44.4	-39.8	-24.5	-14.7	10.1	-362.7
2020	190	-1130.3	-61.6	-47.7	-47.3	-20.5	-10.8	9.0	-390.2
2021	110	-981.9	-57.1	-44.8	-41.1	-23.9	-15.1	7.4	-364.0
2022	11	-911.6	-53.3	-43.5	-39.5	-22.5	-17.7	4.5	-346.7

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 180 Witrood: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	35	94.3	90.0	94.6	97.9	98.7	92.6	98.8
1981	94	93.9	91.6	94.7	97.7	100.2	93.4	98.6
1982	141	94.8	88.6	93.4	97.9	98.0	92.7	96.7
1983	109	94.6	91.7	94.3	97.5	100.7	91.9	97.5
1984	99	96.6	92.3	95.4	98.9	100.2	94.6	99.9
1985	216	96.5	92.9	95.1	98.5	100.9	93.9	99.6
1986	287	96.8	93.6	95.8	98.9	101.3	94.0	100.3
1987	495	96.6	93.8	95.9	99.1	101.2	94.6	100.6
1988	670	96.2	93.8	95.6	98.8	101.4	94.4	99.9

[Auteur]

1989	772	96.5	93.7	95.7	98.7	101.5	94.4	100.0
1990	1138	97.1	93.9	95.8	98.9	101.8	94.8	100.0
1991	1331	97.2	93.9	95.7	99.0	101.8	95.4	100.2
1992	1344	97.2	94.0	95.9	99.0	101.9	95.0	100.4
1993	1343	97.1	94.4	96.1	99.0	102.2	94.6	100.3
1994	1116	97.6	95.0	96.5	99.3	102.4	95.1	101.1
1995	778	98.1	94.8	96.8	99.7	102.0	95.1	101.2
1996	247	97.8	95.8	97.1	99.4	103.0	94.9	101.3
1997	102	97.9	94.7	97.5	100.1	101.7	94.4	101.5
1998	42	98.1	95.8	97.2	99.8	102.8	95.5	101.6
1999	27	97.7	94.6	96.3	99.6	102.0	95.4	100.9
2000	24	98.3	94.5	97.2	100.2	102.0	95.2	101.5
2001	19	100.4	94.8	99.4	102.2	100.7	95.4	102.4
2005	12	100.8	95.3	99.2	101.9	101.2	95.1	103.2
2006	12	101.2	94.8	99.4	102.4	100.5	95.1	103.3

Tabel: 181 Witrood: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	35	90.4	103.3	100.1	89.9	91.0
1981	94	91.1	105.0	100.0	90.8	91.3
1982	141	90.6	102.5	100.8	89.4	90.7
1983	109	91.9	103.2	100.2	91.2	91.6
1984	99	93.1	103.3	101.1	92.7	92.6
1985	216	93.5	104.2	100.7	92.7	92.8
1986	287	94.0	104.2	100.8	93.3	93.2
1987	495	93.7	103.4	101.7	93.3	92.9
1988	670	93.3	104.0	101.2	93.1	92.5
1989	772	93.4	104.2	100.7	92.8	92.7
1990	1138	93.4	103.7	101.9	92.9	92.3
1991	1331	93.5	103.5	101.9	93.0	92.5
1992	1344	93.6	104.1	101.2	93.0	92.7
1993	1343	93.5	104.6	100.8	92.8	92.5
1994	1116	93.7	104.5	101.0	93.1	92.7
1995	778	93.8	103.8	101.4	93.2	92.9
1996	247	93.5	104.6	101.1	93.1	92.5
1997	102	93.1	106.2	99.4	92.6	92.3
1998	42	93.5	105.7	99.8	93.0	92.5
1999	27	93.7	104.9	100.5	93.2	92.7
2000	24	93.5	105.9	99.4	93.0	92.7
2001	19	94.7	104.6	101.2	93.5	93.6
2005	12	95.0	104.8	100.6	93.8	94.2
2006	12	94.5	105.3	100.2	93.5	93.8

[Auteur]

Tabel: 182 Witrood: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1980 99.7	35	96.3	92.7	103.2	100.0	92.6	92.9	93.5
1981 99.1	94	94.5	91.7	104.0	98.2	91.2	91.1	92.4
1982 100.3	141	96.2	92.9	103.1	100.4	93.4	93.9	94.5
1983 99.2	109	95.1	92.1	102.5	99.1	92.2	92.5	93.3
1984 99.6	99	96.1	92.7	103.0	100.2	92.4	92.9	93.7
1985 99.8	216	96.1	93.0	103.2	100.2	92.5	93.1	94.0
1986 100.0	287	96.6	92.5	104.1	100.7	92.7	92.6	93.3
1987 99.9	495	96.6	92.1	104.1	100.4	92.7	92.4	93.0
1988 100.0	670	96.1	92.4	104.4	99.8	92.8	92.5	93.3
1989 100.1	772	96.3	92.0	104.8	100.2	92.7	92.4	92.9
1990 100.0	1138	96.1	91.7	104.3	100.6	92.3	92.4	93.0
1991 99.7	1331	96.2	91.7	103.6	100.9	91.9	92.3	93.0
1992 99.5	1344	96.0	92.1	103.8	100.5	91.8	92.5	93.3
1993 99.3	1343	95.8	92.3	103.7	99.9	91.9	92.7	93.3
1994 99.3	1116	96.3	92.2	103.6	100.6	91.7	92.3	93.0
1995 99.6	778	96.4	92.2	103.5	100.9	91.9	92.1	93.1
1996 99.4	247	95.9	91.7	104.0	100.4	91.5	91.9	92.7
1997 99.9	102	96.1	92.1	104.7	99.3	92.8	92.3	92.8
1998 98.4	42	95.5	92.2	103.1	99.7	90.6	91.5	92.9
1999 99.6	27	96.1	92.9	103.7	100.1	92.1	92.8	94.0
2000 99.6	24	96.0	93.0	104.1	99.5	92.5	92.6	93.9

[Auteur]



2001	19	96.7	93.3	103.4	100.8	92.2	92.8	94.0
99.3								
2005	12	95.6	93.4	104.0	100.0	91.0	93.1	94.4
99.2								
2006	12	97.0	93.7	103.2	101.7	92.0	93.1	94.3
99.6								

Tabel: 183 Witrood: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	35	88.6	87.6	90.9	89.6	98.9	83.4
1981	94	89.4	88.5	88.1	89.7	100.1	82.6
1982	141	86.7	86.0	91.7	89.5	97.5	83.0
1983	109	88.3	88.4	89.7	90.6	99.5	83.6
1984	99	91.9	90.6	90.9	91.9	100.0	86.2
1985	216	91.5	90.8	91.1	92.0	100.2	86.3
1986	287	92.6	91.9	91.0	92.6	100.6	87.1
1987	495	93.0	92.0	90.7	92.3	100.5	86.9
1988	670	92.3	91.5	90.5	91.8	100.5	86.1
1989	772	92.4	91.7	90.5	91.9	100.7	86.3
1990	1138	92.9	91.8	90.4	91.7	100.9	86.2
1991	1331	93.2	92.0	90.4	91.9	100.9	86.5
1992	1344	93.3	92.2	90.3	92.0	100.9	86.6
1993	1343	93.3	92.4	90.2	91.7	101.0	86.3
1994	1116	94.5	93.4	90.3	92.0	101.2	87.0
1995	778	94.6	93.4	90.5	92.3	100.7	87.3
1996	247	95.0	94.1	89.8	91.8	101.6	86.9
1997	102	94.6	93.0	90.0	90.7	100.5	86.0
1998	42	95.5	94.0	89.2	91.3	101.5	86.4
1999	27	94.3	93.0	90.7	91.8	100.4	86.9
2000	24	95.0	93.4	90.5	91.3	100.7	86.8
2001	19	96.9	95.1	91.2	92.9	100.2	88.8
2005	12	97.6	95.9	90.3	93.5	100.8	89.1
2006	12	97.3	95.1	91.9	92.6	99.8	89.1

Tabel: 184 Witrood: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									

[Auteur]

1980	1765	101.9	101.5	100.1	100.3	99.6	100.8	87.6	100.8
100.4									
1981	1856	102.0	101.0	99.3	99.8	99.3	101.1	85.3	100.1
100.0									
1982	1751	102.6	100.7	99.3	99.9	99.6	100.1	86.3	99.9
99.8									
1983	1144	102.4	101.1	99.3	100.2	99.5	100.3	86.1	100.1
99.9									
1984	1012	102.4	101.5	99.3	100.5	99.8	100.3	85.7	100.4
100.1									
1985	1386	102.4	101.4	99.4	100.5	99.8	100.3	85.4	100.4
100.1									
1986	1791	102.6	101.1	99.3	100.3	99.9	100.3	84.7	100.2
100.0									
1987	2712	102.4	101.3	99.3	100.4	99.9	99.7	84.9	100.3
100.0									
1988	3710	102.5	101.1	99.2	100.2	99.8	99.4	84.7	100.0
99.8									
1989	4019	102.5	101.0	99.3	100.3	99.8	99.5	85.1	100.1
99.8									
1990	4431	102.7	101.3	99.6	100.6	100.1	99.8	85.2	100.4
100.2									
1991	4993	102.8	101.5	99.9	100.9	100.5	100.2	86.3	100.8
100.5									
1992	4901	102.8	101.4	99.8	100.8	100.4	100.5	86.5	100.7
100.5									
1993	4844	103.0	101.1	99.9	100.7	100.6	100.6	86.6	100.5
100.5									
1994	4530	102.8	101.2	99.8	100.8	100.5	100.1	86.9	100.5
100.4									
1995	3413	102.3	101.3	99.6	100.6	100.3	100.1	87.3	100.5
100.3									
1996	1468	102.1	101.2	99.4	100.5	100.0	99.6	87.2	100.3
100.0									
1997	672	101.5	101.2	99.1	100.2	99.4	99.0	87.7	100.0
99.5									
1998	466	101.9	101.1	99.4	100.4	99.8	99.6	88.2	100.3
99.9									
1999	418	101.8	101.3	99.6	100.6	99.9	99.7	89.3	100.5
100.0									
2000	352	101.9	101.6	99.8	100.9	100.2	100.0	89.0	100.7
100.3									
2001	331	101.8	101.7	100.0	100.9	100.2	100.5	89.8	100.8
100.6									
2002	265	102.0	101.5	100.0	100.8	100.4	100.6	89.6	100.8
100.6									
2003	201	101.7	101.8	100.0	101.0	100.3	100.3	89.8	101.0
100.6									

[Auteur]

2004	235	102.1	101.6	100.0	101.0	100.4	100.2	89.0	100.8
100.6									
2005	291	102.0	101.5	99.9	100.8	100.3	100.0	89.2	100.7
100.4									
2006	308	101.7	101.5	99.8	100.7	100.1	99.6	89.4	100.7
100.2									
2007	330	102.1	101.2	100.1	100.6	100.4	99.9	88.6	100.7
100.4									
2008	327	102.1	100.7	99.7	100.1	100.3	99.7	87.4	100.2
100.1									
2009	353	101.6	100.7	99.3	99.9	99.8	99.0	87.7	99.9
99.6									
2010	361	102.1	100.6	99.6	100.0	100.3	99.6	87.8	100.0
100.0									
2011	374	102.0	100.4	99.4	99.7	100.0	99.2	87.3	99.9
99.7									
2012	360	101.7	100.7	99.4	99.9	99.9	99.1	87.6	100.0
99.7									
2013	387	101.9	101.1	99.8	100.4	100.2	99.2	87.9	100.5
100.1									
2014	368	101.7	101.2	99.7	100.4	100.1	99.6	88.5	100.4
100.1									
2015	330	101.8	101.4	99.9	100.7	100.3	99.6	88.6	100.7
100.3									
2016	365	102.4	101.2	100.1	100.8	100.7	100.0	88.6	100.7
100.6									
2017	332	102.3	101.1	100.2	100.8	100.7	100.0	89.0	100.7
100.5									
2018	268	102.3	101.1	100.3	100.8	100.8	100.4	88.9	100.8
100.7									
2019	285	102.4	101.2	100.3	100.9	100.8	100.2	88.6	100.8
100.8									
2020	239	102.5	101.3	100.4	101.0	100.9	100.0	88.6	101.0
100.8									
2021	171	102.6	101.2	100.6	101.0	101.0	100.6	89.9	101.0
101.0									
2022	83	102.5	101.4	100.6	101.2	101.0	100.2	89.8	101.2
101.0									

Tabel: 185 Witrood: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	27	95.7	0.0	96.6	100.3	101.5
1981	98	95.4	99.5	95.0	98.6	99.9

[Auteur]

1982	146	96.7	99.0	95.8	101.2	102.3
1983	109	95.6	99.0	96.9	102.2	103.3
1984	88	96.0	98.9	96.2	100.7	102.6
1985	201	95.8	97.9	96.0	100.5	102.8
1986	279	96.7	99.5	95.6	99.8	102.5
1987	479	96.7	98.9	95.2	99.4	102.2
1988	661	95.9	98.0	95.1	99.2	102.1
1989	749	96.1	98.9	94.9	99.3	102.3
1990	1104	96.2	99.4	95.4	99.8	102.4
1991	1285	97.1	99.2	95.5	99.8	102.3
1992	1269	96.6	99.0	95.7	100.0	102.5
1993	1231	96.8	98.8	95.1	99.5	102.1
1994	987	97.5	99.5	95.3	99.5	102.0
1995	690	97.8	99.9	95.4	99.7	101.8
1996	217	97.1	99.8	95.4	99.6	101.7
1997	78	97.0	98.2	94.7	98.7	100.7
1998	27	97.2	99.4	94.8	99.1	100.6
1999	22	97.3	99.3	94.8	99.0	100.1
2000	22	96.5	98.9	95.0	99.3	100.8
2001	17	97.8	99.4	94.5	98.9	100.1
2005	11	98.5	100.5	94.6	98.3	100.0
2006	10	97.4	99.8	94.4	98.2	100.0

Tabel: 186 Witrood: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	593	-147.8	-507.1	0.0	101.1	100.4	90.9	89.6	0.0
0.0									
1981	651	-172.2	-531.8	0.0	99.3	100.0	88.1	89.7	98.0
0.0									
1982	685	-168.0	-535.9	0.0	102.1	99.8	91.7	89.5	99.0
0.0									
1983	500	-169.9	-552.1	0.0	103.2	99.9	89.7	90.6	0.0
0.0									
1984	492	-175.2	-576.6	-218.0	102.0	100.1	90.9	91.9	0.0
0.0									
1985	777	-192.7	-567.5	-407.5	102.0	100.1	91.1	92.0	97.5
120.2									
1986	1200	-191.9	-570.8	-76.7	101.5	100.0	91.0	92.6	97.5
98.8									
1987	2324	-206.3	-559.1	-48.8	101.2	100.0	90.7	92.3	99.3
92.6									

[Auteur]

1988	3293	-217.1	-548.6	162.1	101.0	99.8	90.5	91.8	98.7
97.7									
1989	3395	-219.5	-571.7	228.8	101.2	99.8	90.5	91.9	98.9
97.5									
1990	3794	-218.4	-549.5	173.6	101.4	100.2	90.4	91.7	98.6
92.6									
1991	4290	-210.6	-526.5	148.8	101.4	100.5	90.4	91.9	99.3
87.6									
1992	4192	-206.7	-517.3	156.2	101.6	100.5	90.3	92.0	99.4
86.2									
1993	4077	-208.7	-497.4	154.8	101.1	100.5	90.2	91.7	99.3
84.0									
1994	3695	-207.4	-486.0	100.2	101.0	100.4	90.3	92.0	99.1
72.5									
1995	2870	-197.2	-447.9	68.2	101.0	100.3	90.5	92.3	99.1
70.8									
1996	1222	-206.1	-447.8	8.7	100.9	100.0	89.8	91.8	98.8
63.6									
1997	570	-215.0	-434.3	-12.0	99.8	99.5	90.0	90.7	98.9
69.6									
1998	403	-204.5	-423.8	-77.9	100.0	99.9	89.2	91.3	99.0
67.3									
1999	359	-211.3	-399.4	-138.8	99.6	100.0	90.7	91.8	99.1
64.3									
2000	306	-203.9	-393.9	-175.1	100.2	100.3	90.5	91.3	98.8
66.3									
2001	295	-202.6	-369.6	-236.2	99.5	100.6	91.2	92.9	98.8
54.1									
2002	226	-219.7	-385.0	-352.0	99.1	100.6	89.8	93.8	98.6
58.4									
2003	169	-214.7	-376.5	-365.6	99.3	100.6	93.2	92.0	98.4
63.8									
2004	209	-220.2	-379.2	-373.0	99.3	100.6	91.4	93.7	98.1
63.9									
2005	241	-225.8	-397.5	-372.6	99.2	100.4	90.3	93.5	97.9
65.1									
2006	247	-221.7	-373.6	-353.3	99.1	100.2	91.9	92.6	97.9
58.8									
2007	252	-225.2	-378.8	-330.2	98.7	100.4	92.4	94.8	98.0
66.0									
2008	237	-220.3	-380.5	-307.3	99.0	100.1	91.3	91.7	97.8
81.2									
2009	251	-202.9	-365.0	-283.5	99.2	99.6	91.3	91.8	97.6
58.1									
2010	237	-196.8	-357.6	-302.1	99.6	100.0	91.5	91.5	97.7
56.1									
2011	242	-204.2	-373.3	-325.4	99.7	99.7	91.8	92.8	97.7
55.2									
2012	245	-195.7	-364.6	-325.9	99.8	99.7	0.0	0.0	97.5
52.8									

[Auteur]

2013	268	-196.4	-382.1	-353.1	99.8	100.1	0.0	0.0	97.5
52.8									
2014	272	-213.2	-379.1	-413.7	98.2	100.1	88.0	88.0	97.4
52.1									
2015	256	-218.5	-390.3	-454.9	98.5	100.3	90.0	93.5	97.5
60.6									
2016	277	-220.0	-382.6	-447.5	98.5	100.6	0.0	0.0	97.6
62.0									
2017	254	-205.3	-357.2	-434.8	98.1	100.5	0.0	0.0	97.6
50.5									
2018	223	-196.4	-352.8	-430.3	97.7	100.7	0.0	0.0	97.6
47.1									
2019	225	-184.0	-362.7	-417.1	98.2	100.8	0.0	0.0	97.5
51.8									
2020	190	-219.9	-390.2	-502.3	97.6	100.8	0.0	0.0	97.7
59.0									
2021	110	-217.3	-364.0	-446.3	97.8	101.0	0.0	0.0	97.8
57.7									
2022	11	-219.0	-346.7	-410.2	97.6	101.0	0.0	0.0	97.7
75.8									

Tabel: 187 Witrood: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1985	11	98.2	98.7	98.2	98.7	100.9	100.2
1990	14	97.9	98.9	97.9	98.9	100.8	100.4
1991	28	98.2	99.0	98.2	99.0	101.2	100.8
1992	18	99.3	99.1	99.3	99.1	102.1	101.4
1993	62	99.2	99.1	99.2	99.1	102.0	101.1
1994	91	99.7	98.8	99.7	98.8	102.3	101.0
1995	57	99.2	99.0	99.2	99.0	102.2	101.5
1997	17	98.4	99.6	98.4	99.6	101.1	101.4
1998	19	99.4	98.9	99.4	98.9	101.9	101.2
1999	22	98.7	98.9	98.7	98.9	101.6	101.2
2000	41	98.4	98.9	98.4	98.9	101.6	101.4
2001	58	98.3	99.2	98.3	99.2	101.3	101.3
2002	49	98.7	99.0	98.7	99.0	101.8	101.5
2003	62	98.7	99.0	98.7	99.0	101.7	101.4
2004	102	98.3	98.9	98.3	98.9	101.3	101.4
2005	152	98.2	98.9	98.2	98.9	101.4	101.2
2006	176	98.3	99.0	98.3	99.0	101.4	101.3
2007	211	98.2	99.1	98.2	99.1	101.3	101.2
2008	296	98.1	99.2	98.1	99.2	101.1	101.1
2009	324	98.1	99.0	98.1	99.0	101.3	101.0

[Auteur]

2010	324	98.2	99.0	98.2	99.0	101.5	101.2
2011	375	98.3	99.0	98.3	99.0	101.4	101.1
2012	362	98.4	98.8	98.4	98.8	101.5	101.0
2013	382	98.3	98.8	98.3	98.8	101.6	101.1
2014	361	98.2	98.8	98.2	98.8	101.4	101.1
2015	355	98.5	98.8	98.5	98.8	101.6	101.2
2016	371	98.4	98.9	98.4	98.9	101.5	101.2
2017	350	98.4	98.9	98.4	98.9	101.5	101.2
2018	325	98.8	98.6	98.8	98.6	101.5	101.1
2019	302	98.8	98.6	98.8	98.6	101.5	101.1
2020	262	98.8	98.7	98.8	98.7	101.6	101.1
2021	255	98.9	98.8	98.9	98.8	101.8	101.1
2022	204	98.8	99.0	98.8	99.0	101.7	101.3
2023	198	98.9	99.0	98.9	99.0	101.8	101.3
2024	118	98.6	99.3	98.6	99.3	101.7	101.5

Tabel: 188 Witrood: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	165	87.7	104.1	116.4	104.9	98.8	103.5
1981	446	85.9	104.2	118.3	107.0	95.9	99.4
1982	638	88.4	104.2	116.0	105.6	97.2	101.4
1983	514	88.6	105.0	116.1	105.3	96.9	102.2
1984	551	86.4	104.5	118.2	106.3	96.6	101.1
1985	921	85.4	105.9	119.5	106.2	95.5	102.0
1986	1293	85.4	105.6	119.4	106.8	95.9	101.2
1987	2209	85.4	105.6	119.6	106.5	96.3	102.7
1988	3311	85.1	105.8	119.8	105.7	96.4	103.3
1989	3847	86.0	105.3	118.8	105.4	96.3	103.0
1990	4330	86.0	105.3	119.0	106.0	96.5	103.1
1991	4778	85.7	105.2	119.5	107.2	96.3	102.1
1992	4540	84.9	105.3	120.2	106.9	96.5	102.9
1993	4006	85.9	105.0	119.0	105.6	96.9	103.7
1994	2342	85.1	104.9	119.8	106.8	96.3	102.3
1995	1510	86.3	104.7	118.7	106.6	96.7	103.0
1996	553	86.0	104.2	118.9	106.2	97.0	103.6
1997	219	84.7	104.6	120.1	106.0	97.6	104.4
1998	117	85.7	104.5	119.1	106.3	97.1	103.1
1999	111	86.0	104.5	118.9	106.2	96.5	102.9
2000	109	86.0	104.2	119.3	108.0	96.0	102.4
2001	101	86.5	104.2	119.0	107.9	97.1	103.1
2002	91	86.2	104.5	119.1	107.5	97.7	103.4
2003	90	86.6	103.7	118.7	107.5	96.8	102.8
2004	124	85.3	103.3	120.2	108.0	96.4	103.8
2005	136	85.0	104.2	120.0	107.0	96.5	103.1

[Auteur]

2006	120	85.3	103.5	119.9	107.4	96.1	103.4
2007	206	84.4	104.0	120.6	107.3	96.6	102.5
2008	147	84.5	104.0	120.6	107.8	96.1	102.2
2009	197	83.7	105.2	121.2	106.4	96.2	103.1
2010	215	84.7	105.3	120.5	106.8	96.1	103.2
2011	244	84.5	105.3	120.6	107.0	95.6	103.0
2012	227	83.5	105.4	121.5	106.7	96.3	103.5
2013	205	84.1	105.0	120.9	106.2	95.8	103.6
2014	197	83.3	104.8	121.6	106.9	95.8	103.3
2015	211	83.6	104.5	121.5	107.1	96.0	104.0
2016	172	83.4	105.0	121.7	107.0	96.0	103.9
2017	166	83.5	104.5	121.6	107.1	96.1	104.1
2018	167	83.4	104.0	121.6	106.9	96.0	104.1
2019	167	83.6	105.0	121.3	106.2	96.3	104.3
2020	155	83.4	104.7	121.6	107.0	96.7	104.3
2021	144	83.0	104.8	121.8	107.0	97.0	103.4
2022	104	83.0	104.9	121.8	106.0	96.8	104.2
2023	122	82.5	105.3	122.2	105.6	96.8	104.0
2024	68	82.6	105.5	122.1	105.8	96.9	104.0

Tabel: 189 Witrood: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1987	13	101.6	106.3	95.6	108.8	103.7	101.8	101.5	99.5	99.6
103.8	96.4									
1989	15	101.5	104.8	95.3	110.6	101.1	103.7	101.5	100.5	98.3
104.6	98.5									
1990	66	102.6	107.3	94.8	111.2	103.4	102.6	102.5	100.0	100.2
104.4	98.3									
1991	202	102.5	108.0	94.9	111.0	104.1	102.4	102.3	99.8	100.4
104.4	97.8									
1992	183	102.3	108.3	94.7	110.5	104.5	102.1	102.0	99.5	100.9
104.0	97.4									
1993	183	101.8	107.3	95.2	110.2	103.4	102.7	101.5	99.7	100.3
104.1	97.7									
1994	299	101.9	106.5	95.4	110.1	102.7	102.8	101.8	99.9	99.9
104.1	98.2									
1995	365	101.7	105.9	95.7	109.2	102.8	102.5	101.6	99.7	99.9
103.9	97.8									
1996	106	101.8	105.2	95.9	109.3	102.1	103.0	101.7	99.9	99.7
104.0	98.4									

[Auteur]



1997	68	102.1	104.9	97.4	109.5	101.9	103.1	102.2	100.3	99.2
104.4	98.9									
1998	83	102.0	107.0	96.7	110.0	103.1	103.2	101.7	100.0	100.5
104.7	98.2									
1999	98	101.8	106.5	96.6	110.0	102.6	103.1	101.6	99.8	99.8
104.8	97.7									
2000	124	101.2	105.9	97.2	109.8	101.9	103.5	101.2	99.9	99.4
105.1	97.8									
2001	129	101.1	105.5	97.6	109.5	101.6	103.5	101.0	99.9	99.1
105.1	97.5									
2002	121	100.9	105.0	97.9	109.5	101.1	103.4	101.0	100.0	98.6
105.1	97.4									
2003	125	100.4	105.2	97.7	109.7	100.6	103.9	100.4	100.0	98.5
105.3	97.3									
2004	161	101.1	105.6	97.6	109.3	101.6	103.7	100.8	100.0	99.4
105.1	97.8									
2005	219	101.0	104.9	97.7	108.7	101.6	103.5	100.8	100.0	99.2
104.9	97.4									
2006	209	100.5	105.1	97.8	109.2	100.9	103.9	100.4	100.0	99.0
105.2	97.4									
2007	238	100.1	104.0	98.1	109.0	100.0	104.0	100.3	100.0	97.8
105.1	97.2									
2008	236	100.1	102.9	98.6	108.2	99.9	103.7	100.4	99.8	97.3
104.9	96.7									
2009	259	99.8	103.4	98.6	108.5	99.8	103.9	100.0	99.8	97.3
105.0	96.5									
2010	253	99.2	102.1	98.9	107.2	99.3	103.8	99.5	99.8	96.7
104.9	95.5									
2011	236	99.3	102.1	99.0	107.6	99.0	103.9	99.6	99.9	96.5
105.0	95.7									
2012	216	98.9	102.0	99.6	107.2	98.7	104.1	99.2	99.9	96.3
105.3	95.3									
2013	201	98.8	102.8	99.2	108.2	98.5	104.4	99.1	99.9	96.3
105.4	95.6									
2014	158	99.3	103.7	99.4	108.7	99.1	104.4	99.5	100.0	96.9
105.6	96.1									
2015	78	99.4	104.2	99.6	109.0	99.4	104.7	99.6	100.0	97.2
105.9	96.3									
2016	45	99.7	104.0	99.9	108.8	99.6	104.8	99.6	100.2	97.4
106.4	96.2									
2017	16	98.9	103.2	99.5	108.7	98.4	104.5	99.2	100.1	96.3
105.6	96.0									

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Tabel: 190 Witrood: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

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[Auteur]

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	290	-3327.6	-11305.8	-497.8	-426.6
2002	225	-4024.7	-13934.1	-606.1	-513.1
2003	169	-4091.1	-14036.8	-620.2	-518.7
2004	209	-4136.1	-14296.6	-626.7	-524.6
2005	240	-4169.3	-14366.8	-634.0	-527.3
2006	245	-4002.0	-13721.0	-609.1	-505.7
2007	252	-3895.4	-13221.8	-596.4	-489.8
2008	237	-3763.0	-12733.1	-575.3	-473.7
2009	247	-3599.2	-12163.2	-552.2	-451.7
2010	236	-3671.8	-12380.1	-566.0	-459.0
2011	241	-3860.6	-13140.0	-593.3	-483.9
2012	245	-3843.7	-13102.4	-590.7	-481.7
2013	268	-4051.8	-13853.9	-623.2	-507.5
2014	272	-4354.0	-14932.5	-669.8	-545.2
2015	256	-4593.3	-15818.2	-704.5	-576.7
2016	278	-4525.5	-15509.3	-695.5	-567.2
2017	258	-4401.9	-15131.6	-677.5	-551.0
2018	223	-4341.9	-14901.9	-666.6	-544.7
2019	225	-4323.7	-14865.8	-664.3	-542.0
2020	192	-4859.3	-16946.0	-745.9	-609.7
2021	130	-4509.1	-15499.1	-690.8	-566.7
2022	16	-4313.4	-14819.1	-658.7	-543.6

Tabel: 191 Witrood: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	593	96.4	96.1	0	0.0	0.0	0	0.0
1981	651	95.5	95.1	0	0.0	0.0	0	0.0
1982	685	95.9	94.8	0	0.0	0.0	0	0.0
1983	500	95.3	95.0	0	0.0	0.0	0	0.0
1984	492	94.9	95.2	0	0.0	0.0	0	0.0
1985	777	95.2	95.5	613	-4.5	120.2	0	0.0
1986	1200	94.7	95.6	919	-4.3	98.8	0	0.0
1987	2324	94.2	95.5	1291	-4.2	92.6	0	0.0
1988	3293	94.3	95.5	1334	-4.1	97.7	0	0.0
1989	3395	94.3	95.6	1455	-4.2	97.5	0	0.0
1990	3794	94.3	96.1	1667	-4.1	92.6	0	0.0
1991	4290	94.5	96.4	1808	-3.9	87.6	0	0.0
1992	4192	94.1	96.2	1773	-3.8	86.2	0	0.0
1993	4077	94.3	96.3	1606	-3.7	84.0	0	0.0
1994	3695	94.2	96.6	1285	-3.4	72.5	0	0.0
1995	2870	94.4	96.6	947	-3.2	70.8	0	0.0
1996	1222	94.5	96.3	322	-3.1	63.6	0	0.0

[Auteur]

1997	570	94.5	96.6	133	-3.0	69.6	0	0.0
1998	403	94.5	96.2	86	-3.2	67.3	0	0.0
1999	359	94.5	96.1	55	-3.0	64.3	0	0.0
2000	306	94.6	96.5	49	-3.2	66.3	0	0.0
2001	295	94.8	96.3	56	-2.9	54.1	19	98.1
2002	226	94.5	96.4	43	-3.0	58.4	9	99.8
2003	169	94.7	96.6	32	-2.7	63.8	9	96.4
2004	209	94.7	96.3	24	-2.9	63.9	7	98.1
2005	241	95.3	96.7	28	-3.1	65.1	12	99.1
2006	247	95.2	96.8	30	-2.7	58.8	12	98.9
2007	252	95.9	96.7	23	-3.1	66.0	5	99.8
2008	237	96.5	97.1	25	-3.1	81.2	6	97.8
2009	251	96.2	96.7	66	-2.7	58.1	6	98.5
2010	237	95.9	96.7	58	-2.7	56.1	2	98.5
2011	242	95.9	96.9	66	-2.7	55.2	5	99.4
2012	245	96.3	97.3	78	-2.5	52.8	0	0.0
2013	268	96.1	96.7	108	-2.8	52.8	0	0.0
2014	272	95.7	96.1	105	-2.8	52.1	1	97.0
2015	256	95.1	95.9	93	-3.1	60.6	2	101.0
2016	277	95.4	96.1	87	-3.0	62.0	0	0.0
2017	254	95.4	96.3	108	-2.5	50.5	0	0.0
2018	223	95.8	95.8	112	-2.5	47.1	0	0.0
2019	225	96.5	96.3	142	-2.6	51.8	0	0.0
2020	190	94.9	96.1	88	-2.7	59.0	0	0.0
2021	110	95.0	95.3	44	-2.4	57.7	0	0.0
2022	11	94.8	96.2	4	-2.6	75.8	0	0.0

Tabel: 192 Witrood: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	17	99.6	0	0.0	0	0.0	17	93.9
1986	11	99.5	0	0.0	0	0.0	11	93.7
1987	36	99.1	0	0.0	0	0.0	36	91.6
1988	41	99.1	0	0.0	0	0.0	41	91.4
1989	41	99.4	0	0.0	0	0.0	41	92.6
1990	108	99.3	0	0.0	0	0.0	108	92.8
1991	186	99.3	0	0.0	0	0.0	186	93.2
1992	174	99.3	0	0.0	0	0.0	174	93.0
1993	157	99.6	0	0.0	0	0.0	157	93.8
1994	219	99.5	0	0.0	0	0.0	219	93.6
1995	238	99.4	0	0.0	0	0.0	238	93.1
1996	78	99.5	0	0.0	0	0.0	78	93.8
1997	45	99.6	0	0.0	0	0.0	45	93.8
1998	46	99.5	0	0.0	0	0.0	46	93.2
1999	44	99.7	0	0.0	0	0.0	44	94.4

[Auteur]

2000	53	99.6	0	0.0	0	0.0	53	94.0
2001	73	99.6	0	0.0	0	0.0	73	93.9
2002	61	99.6	0	0.0	0	0.0	61	94.2
2003	60	99.4	0	0.0	0	0.0	60	93.3
2004	82	99.5	0	0.0	0	0.0	82	93.3
2005	111	99.5	0	0.0	0	0.0	111	93.6
2006	129	99.6	0	0.0	0	0.0	129	93.7
2007	145	99.6	0	0.0	0	0.0	145	94.1
2008	161	99.6	0	0.0	0	0.0	161	94.3
2009	212	99.6	0	0.0	0	0.0	212	94.2
2010	230	99.6	0	0.0	0	0.0	230	94.3
2011	234	99.8	0	0.0	0	0.0	234	95.2
2012	238	99.7	0	0.0	0	0.0	238	94.8
2013	263	99.7	0	0.0	0	0.0	263	94.9
2014	259	99.7	0	0.0	0	0.0	259	95.2
2015	251	99.7	0	0.0	0	0.0	251	95.2
2016	269	99.7	0	0.0	0	0.0	269	95.3
2017	254	99.7	0	0.0	0	0.0	254	94.8
2018	218	99.7	0	0.0	0	0.0	218	94.9
2019	217	99.8	0	0.0	0	0.0	217	95.0
2020	180	99.5	0	0.0	0	0.0	180	94.0
2021	113	99.6	0	0.0	0	0.0	113	94.7
2022	16	99.7	0	0.0	0	0.0	16	94.3

Tabel: 193 Witblauw: Melkproductiekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	129	-2191.6	-102.4	-82.9	-101.4	-11.1	-4.3	-1.2	-663.8
1981	94	-2154.9	-102.1	-83.0	-99.7	-14.4	-8.0	-1.1	-663.4
1982	84	-2369.8	-112.5	-89.9	-109.5	-18.0	-5.8	-1.0	-724.0
1983	105	-2334.8	-112.9	-90.3	-107.9	-22.6	-9.9	-1.0	-727.2
1984	94	-2438.3	-117.8	-93.7	-112.6	-24.6	-9.1	-1.0	-756.6
1985	102	-2478.4	-122.0	-95.6	-114.5	-30.9	-10.2	-1.0	-777.1
1986	114	-2549.3	-124.8	-97.6	-117.7	-30.3	-8.7	-0.9	-794.1
1987	117	-2461.8	-122.0	-95.0	-113.7	-32.1	-10.1	-1.0	-774.7
1988	111	-2607.1	-130.2	-100.4	-120.3	-37.9	-11.0	-0.9	-822.5
1989	116	-2519.3	-126.7	-97.5	-116.4	-37.3	-11.6	-1.0	-799.4
1990	83	-2344.3	-119.1	-91.9	-108.3	-36.5	-12.5	-1.0	-752.5
1991	59	-2518.7	-125.6	-96.5	-116.3	-35.2	-8.7	-1.0	-791.6
1992	25	-2424.0	-118.1	-93.4	-112.0	-26.2	-9.9	-0.9	-756.2
1993	36	-2414.8	-121.7	-93.3	-111.6	-35.2	-9.8	-1.2	-766.4
1994	34	-2441.8	-124.5	-93.3	-112.7	-39.8	-7.1	-0.8	-774.8
1995	36	-2320.5	-119.5	-89.2	-107.3	-39.8	-8.6	-1.3	-742.2
1996	19	-2267.0	-117.0	-88.1	-104.8	-38.2	-9.4	-1.3	-729.7
1997	32	-2137.4	-112.6	-85.9	-98.9	-40.9	-16.0	-1.2	-707.1

[Auteur]

1998	23	-2161.9	-114.7	-85.9	-100.0	-43.5	-13.6	-1.2	-713.1
1999	19	-2150.4	-114.2	-84.3	-99.5	-43.5	-11.2	-1.1	-704.9
2000	12	-2099.0	-113.5	-84.0	-97.2	-47.4	-15.3	-1.4	-701.7
2004	10	-1857.7	-98.1	-73.6	-75.2	-35.2	-10.2	27.4	-610.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 194 Witblauw: Vruchtbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1980 96.5	124	95.4	104.2	97.3	102.2	95.2	92.3	117.0	100.4
1981 96.6	118	95.8	103.6	97.3	101.6	95.4	92.7	115.6	100.2
1982 96.4	99	95.3	103.8	97.1	101.6	95.1	92.3	115.3	100.1
1983 96.2	181	95.3	103.6	96.8	101.3	94.9	92.6	115.8	99.8
1984 96.3	210	94.9	103.7	96.9	101.4	94.8	92.7	116.0	100.0
1985 96.3	257	95.2	103.5	97.0	101.4	94.9	92.9	116.2	99.9
1986 96.6	371	95.4	103.7	97.2	101.5	95.1	93.2	116.1	100.2
1987 96.9	558	95.9	103.1	97.5	101.3	95.5	94.0	116.5	100.0
1988 96.8	790	95.6	103.0	97.4	101.2	95.4	93.9	116.5	99.9
1989 96.9	1246	95.6	103.1	97.6	101.4	95.5	94.0	116.4	100.1
1990 96.9	1797	95.6	103.0	97.4	101.3	95.5	94.1	115.8	100.0
1991 96.8	2339	95.5	103.0	97.4	101.2	95.5	94.1	115.6	99.9
1992 96.7	2754	95.3	102.6	97.4	100.9	95.4	93.8	114.6	99.7
1993 96.7	3115	95.3	102.6	97.4	100.9	95.4	94.0	114.2	99.7
1994 96.6	3583	95.1	102.4	97.2	100.7	95.3	94.0	112.6	99.5
1995 96.6	3895	95.3	102.2	97.3	100.6	95.5	94.1	112.0	99.5

[Auteur]

1996	3846	95.5	102.0	97.4	100.5	95.7	94.2	111.1	99.5
96.7									
1997	3814	95.6	101.9	97.5	100.5	95.8	94.3	110.6	99.4
96.7									
1998	4027	95.7	101.8	97.6	100.4	95.9	94.4	109.4	99.5
96.9									
1999	4497	95.7	101.7	97.6	100.3	96.0	94.6	108.6	99.4
96.9									
2000	4647	95.8	101.5	97.7	100.3	96.1	94.9	107.5	99.4
97.0									
2001	4185	95.9	101.4	97.7	100.2	96.2	95.0	106.0	99.3
97.0									
2002	4346	96.2	101.3	97.9	100.2	96.5	95.4	105.3	99.4
97.3									
2003	4544	96.4	101.2	98.1	100.2	96.7	95.8	104.6	99.4
97.5									
2004	4945	96.4	101.0	98.0	100.0	96.8	95.9	103.8	99.3
97.5									
2005	4844	96.7	101.0	98.1	100.1	97.0	96.3	102.7	99.4
97.7									
2006	5025	96.9	100.7	98.1	99.9	97.2	96.6	101.8	99.2
97.7									
2007	5108	97.2	100.5	98.2	99.8	97.3	96.9	100.8	99.1
97.8									
2008	6555	97.6	100.5	98.5	99.9	97.7	97.8	102.1	99.3
98.3									
2009	5981	97.7	100.3	98.5	99.8	97.8	98.1	102.7	99.3
98.3									
2010	5707	97.9	100.1	98.6	99.7	98.0	98.6	101.8	99.2
98.5									
2011	5874	98.4	99.9	99.0	99.7	98.4	99.4	101.3	99.3
98.9									
2012	5717	98.7	99.8	99.1	99.7	98.7	99.7	101.1	99.3
99.1									
2013	5610	98.9	99.6	99.3	99.6	98.9	100.1	101.1	99.3
99.3									
2014	5967	99.3	99.4	99.5	99.7	99.2	100.4	101.2	99.4
99.5									
2015	5889	99.4	99.3	99.6	99.6	99.3	100.4	101.1	99.4
99.5									
2016	5919	99.7	99.2	99.7	99.6	99.5	100.6	100.8	99.4
99.7									
2017	5671	99.8	99.2	99.7	99.6	99.5	100.5	100.5	99.4
99.7									
2018	5768	99.8	99.1	99.7	99.5	99.5	100.3	100.2	99.3
99.6									
2019	5494	99.7	99.1	99.6	99.5	99.5	100.0	100.1	99.3
99.5									
2020	5022	99.8	98.9	99.6	99.4	99.6	100.1	99.9	99.2
99.5									

[Auteur]

2021	4241	99.7	99.1	99.6	99.4	99.5	100.0	100.1	99.3
99.5									
2022	2962	99.6	99.2	99.7	99.5	99.5	100.1	100.6	99.4
99.6									
2023	17	99.3	99.1	99.5	99.2	99.2	99.8	100.4	99.1
99.4									

Tabel: 195 Witblauw: NVI met onderliggende kenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	129	-196.1	-663.8	0.0	100.9	96.5	0.0	0.0	0.0
0.0									
1981	94	-198.6	-663.4	0.0	101.4	96.6	0.0	0.0	0.0
0.0									
1982	84	-218.0	-724.0	-226.0	101.3	96.4	0.0	0.0	0.0
0.0									
1983	105	-220.5	-727.2	0.0	101.3	96.2	0.0	0.0	0.0
0.0									
1984	94	-229.0	-756.6	-226.0	101.7	96.3	0.0	0.0	0.0
0.0									
1985	102	-237.5	-777.1	0.0	101.2	96.3	0.0	0.0	0.0
0.0									
1986	114	-240.8	-794.1	0.0	101.1	96.6	0.0	0.0	0.0
0.0									
1987	117	-236.8	-774.7	0.0	101.5	96.9	0.0	0.0	0.0
0.0									
1988	111	-249.8	-822.5	400.0	101.7	96.8	107.5	96.0	98.5
0.0									
1989	116	-244.3	-799.4	0.0	101.5	96.9	108.0	97.5	0.0
0.0									
1990	83	-226.7	-752.5	326.0	101.6	96.9	108.2	97.5	100.0
0.0									
1991	59	-237.7	-791.6	303.5	101.4	96.8	108.2	98.2	0.0
0.0									
1992	25	-223.4	-756.2	326.0	101.8	96.7	108.3	96.7	96.3
0.0									
1993	36	-236.2	-766.4	296.0	101.6	96.7	108.5	98.0	0.0
0.0									
1994	34	-238.2	-774.8	464.5	101.6	96.6	110.0	98.0	0.0
0.0									

[Auteur]

1995	36	-219.8	-742.2	423.0	102.0	96.6	107.5	96.8	95.5
0.0									
1996	19	-223.3	-729.7	356.0	101.5	96.7	105.8	96.6	98.0
0.0									
1997	32	-216.5	-707.1	0.0	101.8	96.7	108.2	97.0	0.0
0.0									
1998	23	-212.8	-713.1	400.0	101.7	96.9	108.6	97.2	96.0
0.0									
1999	19	-217.3	-704.9	0.0	101.3	96.9	107.5	96.8	97.0
0.0									
2000	12	-221.0	-701.7	334.0	101.3	97.0	107.6	96.6	99.3
0.0									
2004	10	-201.8	-610.8	436.0	101.1	97.5	108.3	98.3	98.0
0.0									

Tabel: 196 Witblauw: Levensvatbaarheidskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	23	90.7	0.0	90.7	0.0	90.5	0.0
1988	37	91.1	102.0	91.1	102.0	89.9	105.0
1989	42	91.1	0.0	91.1	0.0	90.5	0.0
1990	52	91.1	101.0	91.1	101.0	90.7	104.0
1991	48	91.4	0.0	91.4	0.0	90.5	0.0
1992	60	91.3	101.0	91.3	101.0	90.6	104.0
1993	48	91.3	0.0	91.3	0.0	90.7	0.0
1994	69	91.6	0.0	91.6	0.0	90.9	0.0
1995	58	91.5	101.0	91.5	101.0	90.8	103.0
1996	47	91.3	101.0	91.3	101.0	90.5	104.0
1997	51	92.0	0.0	92.0	0.0	91.5	0.0
1998	55	92.2	0.0	92.2	0.0	91.8	0.0
1999	65	91.8	102.5	91.8	102.5	91.6	104.5
2000	92	92.0	102.5	92.0	102.5	91.5	104.5
2001	75	92.1	0.0	92.1	0.0	91.6	0.0
2002	63	92.0	103.0	92.0	103.0	91.6	105.5
2003	67	92.0	99.5	92.0	99.5	91.4	103.5
2004	63	92.2	103.0	92.2	103.0	92.0	105.0
2005	55	92.8	100.0	92.8	100.0	92.5	103.0
2006	50	93.1	100.0	93.1	100.0	92.7	104.0
2007	62	92.9	101.0	92.9	101.0	92.5	103.0
2008	46	93.3	101.0	93.3	101.0	93.1	104.0
2009	46	93.6	100.5	93.6	100.5	93.6	104.0
2010	55	93.2	100.5	93.2	100.5	93.0	104.5
2011	63	93.3	0.0	93.3	0.0	92.9	0.0
2012	61	92.9	99.5	92.9	99.5	92.2	103.5

[Auteur]



2013	47	93.2	0.0	93.2	0.0	92.3	0.0
2014	33	93.1	102.0	93.1	102.0	92.6	105.0
2015	34	92.9	100.0	92.9	100.0	92.6	104.0
2016	18	94.1	0.0	94.1	0.0	94.2	0.0

Tabel: 197 Witblauw: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	104.0	100.0	95.9	100.0	105.0	96.0
1981	25	105.2	100.3	95.1	99.5	106.5	99.5
1982	25	107.8	99.4	92.9	104.7	104.7	93.3
1983	42	106.8	99.8	93.5	102.5	101.7	93.4
1984	44	107.8	99.4	92.5	102.8	101.9	93.7
1985	54	107.3	99.2	92.9	102.3	102.0	93.9
1986	85	108.3	99.6	91.8	102.7	101.9	93.7
1987	120	106.3	100.0	93.4	102.8	101.5	92.7
1988	165	105.9	100.0	93.7	101.8	102.1	94.0
1989	222	106.9	99.7	92.6	101.0	102.4	94.8
1990	317	107.4	99.6	92.3	101.4	102.0	94.2
1991	300	107.4	99.5	92.2	100.4	102.0	95.5
1992	396	107.1	99.5	92.5	100.3	101.8	95.7
1993	395	106.8	99.5	92.6	99.8	101.6	96.1
1994	471	106.4	99.4	93.0	100.0	101.9	96.4
1995	507	106.4	99.4	92.9	100.0	101.7	96.2
1996	556	105.9	99.2	93.4	100.1	101.5	96.3
1997	586	105.9	99.3	93.4	100.2	101.5	95.9
1998	714	106.3	99.0	93.0	100.3	101.1	95.7
1999	805	105.7	99.2	93.5	100.2	101.0	95.6
2000	955	105.5	99.2	93.7	100.2	101.1	95.9
2001	891	105.3	99.3	93.9	100.5	100.7	95.2
2002	1069	104.7	99.6	94.3	100.6	100.9	95.0
2003	1144	104.6	99.5	94.5	100.0	100.7	95.8
2004	1354	104.5	99.5	94.5	99.8	100.5	95.9
2005	1542	104.6	99.3	94.4	99.5	100.5	96.1
2006	1858	104.1	99.3	94.9	99.7	100.2	96.0
2007	2124	103.4	99.6	95.6	99.3	100.0	96.2
2008	2371	105.2	99.6	93.8	98.2	99.9	97.3
2009	2851	103.9	99.7	95.0	98.1	100.4	97.6
2010	3086	104.0	99.6	94.8	97.5	100.4	97.9
2011	3299	103.1	99.8	95.8	97.8	100.2	97.9
2012	3437	102.6	99.9	96.5	98.1	100.1	98.7
2013	3212	102.1	100.1	97.2	97.9	100.3	100.0
2014	3367	101.7	100.2	98.0	98.0	100.2	101.0
2015	3301	101.2	100.3	98.7	98.4	100.2	101.0
2016	3234	100.9	100.5	99.1	98.4	100.3	101.6

[Auteur]

2017	3173	100.5	100.4	99.6	98.9	100.0	101.1
2018	3144	100.3	100.3	99.8	99.3	99.7	100.7
2019	2942	100.2	100.2	99.9	99.4	99.6	100.5
2020	2716	100.5	100.1	99.8	99.7	99.6	100.4
2021	2681	100.4	100.0	99.9	100.0	99.6	100.0
2022	2045	100.1	99.7	100.1	100.4	99.7	99.3
2023	1890	100.9	99.4	99.4	100.4	100.0	99.4
2024	1140	100.3	99.2	100.1	101.0	100.0	98.8

Tabel: 198 Witblauw: Vleeskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	10	98.7	90.2	96.3	96.4	98.2	100.0	101.1	98.3	93.0
98.2	98.5									
1981	16	96.9	88.8	95.5	98.0	93.9	101.2	99.4	98.7	91.4
98.0	100.1									
1982	14	98.6	91.0	96.7	98.1	97.4	100.9	100.6	99.6	92.4
98.7	98.5									
1983	31	97.2	85.8	96.3	93.9	95.7	99.8	100.1	98.3	91.2
97.7	96.9									
1984	39	96.2	81.3	96.1	92.7	93.0	99.5	100.1	97.7	88.9
97.0	97.7									
1985	47	96.3	82.0	96.3	93.1	92.8	99.7	99.8	97.8	89.8
97.1	98.1									
1986	72	96.7	81.5	95.9	92.4	93.6	99.1	100.2	97.9	90.3
96.8	98.2									
1987	125	97.6	85.5	96.7	95.1	95.6	100.6	100.3	98.6	91.5
98.1	98.6									
1988	186	97.7	85.7	96.7	95.3	95.5	100.3	100.6	98.5	91.7
98.1	98.8									
1989	262	98.1	87.0	96.6	96.1	95.7	100.1	100.7	99.4	91.4
98.2	98.0									
1990	350	98.1	88.2	96.4	96.4	96.4	100.5	100.2	100.1	91.8
98.6	97.2									
1991	377	98.3	88.5	96.6	96.4	96.4	99.9	100.6	99.5	91.9
98.4	97.2									
1992	558	98.5	90.3	96.8	97.0	97.4	100.0	100.7	99.4	92.9
98.5	97.3									
1993	613	99.1	91.2	96.9	97.4	98.3	100.0	101.1	99.4	93.5
98.6	97.7									
1994	845	99.2	92.1	97.1	98.3	97.9	100.1	101.0	100.2	93.7
98.9	98.0									

[Auteur]

1995	1057	99.0	91.9	97.2	97.9	98.1	100.2	100.8	99.9	93.8
98.9	97.9									
1996	1163	99.4	93.2	97.4	98.9	98.5	100.4	100.9	100.3	94.2
99.2	98.3									
1997	1287	99.6	93.8	97.4	98.8	99.0	100.4	100.9	100.4	94.8
99.1	98.3									
1998	1697	99.4	94.5	97.6	99.1	99.0	100.5	100.6	100.4	95.0
99.2	98.0									
1999	2170	99.6	95.1	97.7	99.3	99.5	100.4	100.7	100.4	95.3
99.3	97.8									
2000	2662	100.0	96.2	98.0	99.5	100.4	100.4	101.0	100.5	95.9
99.4	97.8									
2001	2786	100.2	96.7	98.2	99.6	100.9	100.5	101.0	100.8	96.2
99.5	97.7									
2002	3378	100.1	97.4	98.4	99.7	101.0	100.5	100.7	100.8	96.5
99.5	97.4									
2003	3759	100.3	97.9	98.6	99.8	101.4	100.6	100.7	100.9	96.8
99.6	97.6									
2004	4170	100.4	98.4	98.8	100.0	101.7	100.7	100.7	101.0	97.2
99.6	97.9									
2005	4291	100.4	98.8	99.1	100.0	101.9	100.6	100.7	100.8	97.4
99.7	98.0									
2006	4481	100.4	99.4	99.2	100.4	101.9	100.7	100.7	100.9	97.6
99.7	97.8									
2007	4541	100.3	100.0	99.3	100.7	101.7	100.7	100.5	100.8	97.8
99.7	97.9									
2008	5579	98.7	98.1	99.2	99.6	99.2	100.0	99.6	100.1	96.7
99.3	97.5									
2009	5202	98.9	99.3	99.4	100.6	99.1	100.5	99.6	100.5	97.1
99.5	98.1									
2010	5041	99.4	100.6	99.6	101.4	99.8	100.6	99.9	100.5	97.7
99.5	98.7									
2011	4767	99.1	101.0	99.6	101.5	99.2	100.6	99.6	100.7	97.8
99.5	98.6									
2012	4614	98.9	101.4	99.8	101.6	98.9	100.7	99.3	100.7	97.9
99.5	98.5									
2013	4343	98.6	101.6	99.9	101.9	98.5	100.7	99.1	100.7	97.8
99.4	98.5									
2014	4419	98.4	101.6	100.0	102.1	98.0	100.8	98.9	100.6	97.8
99.4	98.7									
2015	3989	98.2	101.8	100.2	102.0	98.1	100.8	98.6	100.6	97.9
99.5	98.4									
2016	3019	98.1	101.9	100.4	101.7	98.3	100.9	98.4	100.6	98.1
99.5	98.1									
2017	1504	98.3	102.0	100.7	101.6	98.8	100.9	98.6	100.6	98.3
99.6	98.3									
2018	857	98.7	102.2	100.8	101.8	99.1	101.0	98.9	100.6	98.5
99.7	98.5									
2019	557	98.8	101.9	100.8	101.6	99.1	100.9	99.2	100.6	98.4
99.6	98.6									

[Auteur]

2020	226	97.8	100.7	101.4	99.9	98.7	100.7	98.1	100.2	98.2
	99.5	97.3								
2021	11	94.9	95.5	101.7	97.1	94.7	100.4	96.2	99.6	95.5
	98.6	95.4								

Tabel: 199 Witblauw: Overige productie en efficiency kenm.  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	129	94.8	94.8	0	0.0	0.0	0	0.0
1981	94	95.0	94.8	0	0.0	0.0	0	0.0
1982	84	95.8	95.1	0	0.0	0.0	0	0.0
1983	104	96.2	95.1	0	0.0	0.0	0	0.0
1984	94	96.1	95.1	0	0.0	0.0	0	0.0
1985	102	96.5	95.1	0	0.0	0.0	0	0.0
1986	114	96.5	95.7	0	0.0	0.0	0	0.0
1987	117	96.9	96.6	0	0.0	0.0	0	0.0
1988	111	96.4	96.8	0	0.0	0.0	0	0.0
1989	116	96.6	96.5	0	0.0	0.0	0	0.0
1990	83	97.2	97.2	0	0.0	0.0	0	0.0
1991	59	96.8	97.4	0	0.0	0.0	0	0.0
1992	25	97.8	97.2	0	0.0	0.0	0	0.0
1993	36	97.2	97.9	0	0.0	0.0	0	0.0
1994	34	97.4	97.7	0	0.0	0.0	0	0.0
1995	36	97.6	98.1	0	0.0	0.0	0	0.0
1996	19	97.6	97.9	0	0.0	0.0	0	0.0
1997	32	98.2	97.2	0	0.0	0.0	0	0.0
1998	23	97.5	97.1	0	0.0	0.0	0	0.0
1999	19	97.5	96.9	0	0.0	0.0	0	0.0
2000	12	97.9	96.9	0	0.0	0.0	0	0.0
2004	10	96.7	96.5	0	0.0	0.0	0	0.0

Tabel: 200 Witblauw: Stofwisselingsaandoeningen  
 Basis: Belgisch witblauw  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	14	100.0	0	0.0	0	0.0	14	97.4
1990	15	100.0	0	0.0	0	0.0	15	97.9
1991	12	100.0	0	0.0	0	0.0	12	97.7
1994	14	100.0	0	0.0	0	0.0	14	97.7
1995	23	100.0	0	0.0	0	0.0	23	97.6

[Auteur]

1996	13	100.0	0	0.0	0	0.0	13	97.4
1997	14	100.0	0	0.0	0	0.0	14	98.1
1998	13	100.0	0	0.0	0	0.0	13	98.0
1999	21	100.0	0	0.0	0	0.0	21	98.3
2000	32	100.0	0	0.0	0	0.0	32	98.5
2001	18	100.0	0	0.0	0	0.0	18	98.3
2002	13	100.0	0	0.0	0	0.0	13	98.7
2003	18	100.0	0	0.0	0	0.0	18	97.7
2004	18	100.0	0	0.0	0	0.0	18	98.7
2005	10	100.0	0	0.0	0	0.0	10	97.4
2006	17	99.9	0	0.0	0	0.0	17	96.8
2008	11	100.0	0	0.0	0	0.0	11	98.5
2009	14	100.0	0	0.0	0	0.0	14	95.9
2010	16	100.0	0	0.0	0	0.0	16	97.8
2011	13	100.0	0	0.0	0	0.0	13	98.4

Tabel: 201 Brand rood: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
2008	10	99.5	99.8	98.4	99.0	99.7	99.1	91.0	99.1
99.2									
2011	12	98.3	99.8	97.8	99.0	98.6	98.3	92.4	98.5
98.3									
2013	10	99.1	100.0	98.3	99.4	99.3	99.0	91.7	98.8
98.9									

Tabel: 202 Fleck Vieh: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	20	-103.8	-16.6	-12.8	-6.1	-18.8	-14.2	-2.0	-105.0
1989	10	-29.6	-10.7	-11.5	-2.7	-14.5	-16.2	-2.1	-81.7
1990	24	-51.7	-14.1	-10.4	-3.6	-18.2	-13.0	-2.0	-87.2
1991	18	29.9	-13.0	-9.1	0.1	-21.8	-15.5	-1.9	-78.0
1992	24	58.2	-14.2	-9.6	1.2	-25.5	-17.8	-2.2	-84.1
1993	26	-16.3	-16.5	-11.3	-2.0	-24.5	-16.5	-2.0	-98.3
1994	36	96.5	-12.4	-8.1	3.2	-25.4	-17.8	-1.9	-72.2

[Auteur]

1995	55	33.1	-8.7	-7.9	0.2	-15.7	-14.1	-2.0	-60.1
1996	37	-93.1	-16.3	-12.2	-5.6	-19.3	-13.7	-2.1	-101.5
1997	53	9.7	-13.2	-9.8	-0.8	-21.1	-15.6	-1.9	-81.6
1998	58	-67.1	-15.4	-12.2	-4.3	-19.5	-15.1	-1.9	-98.4
1999	79	85.9	-10.9	-7.7	2.7	-22.6	-16.5	-1.9	-65.6
2000	56	-67.6	-17.0	-12.1	-4.3	-22.0	-15.1	-1.9	-103.2
2001	107	-123.4	-19.2	-14.0	-6.9	-21.5	-14.7	-1.9	-117.8
2002	118	-251.9	-22.4	-18.5	-12.8	-18.0	-14.8	-2.0	-146.9
2003	87	-129.4	-19.6	-15.6	-7.3	-21.6	-16.9	-2.2	-126.2
2004	94	3.5	-13.3	-9.6	-1.0	-20.7	-15.0	-1.8	-81.1
2005	141	18.8	-11.5	-9.3	-0.6	-18.9	-15.2	-2.4	-74.5
2006	173	71.7	-10.9	-7.4	1.5	-21.4	-15.3	-2.8	-64.7
2007	89	394.0	4.7	3.8	17.0	-18.4	-15.5	-1.6	30.7
2008	131	242.6	-2.8	-1.2	9.1	-19.9	-14.8	-3.2	-13.5
2009	141	321.4	1.3	1.4	12.9	-19.0	-15.1	-2.9	9.8
2010	107	246.7	-2.1	-2.1	10.1	-19.3	-16.5	-2.0	-15.6
2011	74	394.6	2.6	2.7	16.1	-21.5	-17.0	-3.0	19.6
2012	96	534.7	9.9	9.0	22.6	-19.6	-15.0	-3.1	68.4
2013	110	738.5	19.1	15.5	32.0	-18.7	-15.8	-2.8	124.0
2014	99	667.5	14.4	12.4	28.6	-21.2	-16.9	-2.9	96.7
2015	83	797.6	17.8	15.4	34.5	-23.9	-18.8	-3.0	119.7
2016	121	846.8	17.9	15.7	35.6	-26.3	-20.7	-4.6	121.2
2017	115	907.6	19.9	17.9	37.9	-27.2	-20.6	-5.4	136.9
2018	90	986.9	24.6	20.4	40.0	-25.3	-21.0	-7.2	161.6
2019	107	1008.9	25.7	21.3	41.7	-25.3	-20.9	-6.2	169.0
2020	88	1232.0	28.4	25.6	52.3	-34.1	-25.4	-5.7	195.3
2021	71	1201.4	30.3	26.9	50.4	-29.8	-22.4	-6.4	206.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 203 Fleck Vieh: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	16	103.8	102.1	100.6	95.3	105.1	100.8	94.4
1992	15	104.3	103.0	100.1	95.1	106.0	102.2	93.8
1993	14	104.2	102.3	99.9	94.9	106.1	102.3	93.4
1994	25	103.4	104.0	100.6	94.5	106.8	102.0	93.4
1995	36	103.2	103.6	100.1	95.0	106.7	100.1	93.1
1996	22	103.9	104.1	100.0	94.3	107.6	101.8	93.0
1997	29	103.4	103.8	100.0	94.4	107.1	101.0	93.3
1998	32	102.7	102.6	99.7	94.6	106.3	101.0	93.3
1999	50	103.7	102.8	100.3	95.1	106.1	101.3	93.2
2000	29	102.8	102.6	99.5	93.9	106.7	101.2	93.7
2001	44	103.2	103.3	100.7	95.3	106.0	99.9	93.6
2002	33	102.8	103.8	99.9	93.8	107.5	100.8	92.7
2003	39	103.3	102.8	99.9	94.5	106.2	101.3	93.3

[Auteur]

2004	32	103.4	103.5	99.8	94.2	106.6	100.2	93.3
2005	44	103.5	102.8	99.8	94.5	105.7	101.7	92.9
2006	56	104.1	103.1	100.1	94.5	106.1	101.6	94.0
2007	40	104.5	103.1	100.5	95.0	105.8	101.3	95.0
2008	48	103.3	102.8	100.0	95.0	106.1	101.1	93.2
2009	54	104.4	102.5	100.7	95.7	104.7	100.9	94.0
2010	24	104.7	102.7	100.8	95.3	105.7	102.0	94.3
2011	24	103.2	102.7	100.2	94.8	105.4	100.6	93.4
2012	29	104.4	104.0	101.0	94.8	106.3	101.6	94.3
2013	66	104.7	101.8	100.8	96.3	104.6	100.9	94.8
2014	28	104.4	102.9	101.2	96.1	105.7	101.5	94.4
2015	17	104.7	104.0	102.4	96.8	105.9	101.1	94.9
2016	29	104.1	102.7	101.5	96.6	105.2	101.6	95.1
2017	29	104.9	102.8	101.4	96.8	104.9	102.6	93.5
2018	21	106.2	103.2	103.5	98.4	104.3	101.2	94.9
2019	26	105.3	102.2	101.9	97.8	104.6	102.8	93.5
2020	14	106.5	101.9	103.9	100.9	102.4	102.6	95.4

Tabel: 204 Fleck Vlees: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	16	97.7	96.7	109.9	102.2	98.6
1992	15	98.1	95.0	112.2	103.3	98.5
1993	14	99.9	95.3	112.3	104.0	99.8
1994	25	100.2	95.1	112.6	104.4	100.3
1995	36	98.4	94.7	112.7	103.6	98.8
1996	22	99.3	94.7	113.2	104.7	99.4
1997	29	98.8	94.6	113.2	104.0	98.7
1998	32	99.3	94.9	112.8	103.7	99.7
1999	50	99.2	95.1	112.2	103.6	99.2
2000	29	99.2	95.1	112.5	103.7	99.5
2001	44	99.2	95.6	111.8	104.0	99.6
2002	33	99.4	95.0	112.9	104.5	99.6
2003	39	98.4	95.5	111.8	103.3	98.9
2004	32	98.5	95.1	111.8	103.3	99.2
2005	44	98.4	95.6	111.0	102.8	98.9
2006	56	97.7	95.7	111.2	103.1	98.4
2007	40	99.1	95.7	111.9	103.4	99.6
2008	48	99.1	95.3	112.1	103.7	99.5
2009	54	98.1	96.9	109.6	103.1	99.1
2010	24	98.0	95.9	111.4	103.0	99.1
2011	24	98.0	96.4	110.0	102.8	98.8
2012	29	98.8	95.7	112.1	104.2	99.2
2013	66	98.6	97.0	110.0	103.1	99.2
2014	28	98.7	96.1	110.8	103.5	99.6

[Auteur]

2015	17	99.1	96.8	110.3	104.4	99.2
2016	29	98.6	97.8	109.4	103.9	99.8
2017	29	98.8	96.3	110.8	103.8	99.1
2018	21	98.6	96.4	111.2	103.6	99.0
2019	26	99.2	97.3	110.2	103.5	99.9
2020	14	99.7	97.9	110.2	104.3	100.6

Tabel: 205 Fleck Vies: Exterieurkenmerken uier  
 Basis: Dubbeloel  
 Land: VL

Jaar UBA	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	16	98.4	98.1	103.0	99.9	93.4	97.0	96.3
100.5								
1992	15	98.1	97.8	101.8	99.4	93.3	96.6	95.9
99.7								
1993	14	97.6	98.0	101.9	99.1	93.4	97.1	96.4
100.1								
1994	25	97.7	98.0	103.1	98.8	93.2	97.6	96.6
100.6								
1995	36	98.3	97.7	101.8	99.4	93.2	96.8	95.7
100.1								
1996	22	99.0	98.9	101.7	100.2	93.0	96.8	96.2
100.7								
1997	29	99.1	98.2	101.6	100.2	93.4	96.8	95.8
100.5								
1998	32	98.2	98.7	102.9	99.0	94.0	97.8	96.9
100.7								
1999	50	97.8	98.7	101.6	99.0	93.4	97.4	96.6
100.2								
2000	29	98.6	98.9	103.2	99.6	94.0	98.2	97.4
100.9								
2001	44	99.4	99.4	102.2	100.3	94.0	98.1	97.4
100.7								
2002	33	99.4	99.6	103.0	100.3	93.5	97.8	97.3
101.9								
2003	39	99.2	98.8	102.5	99.8	93.7	97.2	96.7
100.8								
2004	32	99.4	99.8	102.5	100.3	94.0	98.0	97.7
100.5								
2005	44	98.4	99.0	102.2	99.3	93.0	97.7	97.2
100.0								
2006	56	98.7	98.9	101.0	99.8	93.5	97.6	97.0
99.9								
2007	40	98.6	99.0	102.2	99.6	93.7	98.3	97.7
100.3								

[Auteur]



2008	48	98.7	98.4	101.9	99.5	93.8	97.5	96.6
100.7								
2009	54	99.2	99.9	101.9	100.3	93.6	97.9	97.5
101.0								
2010	24	98.7	98.6	100.9	99.8	93.6	97.2	96.6
100.0								
2011	24	98.5	99.2	102.0	99.5	93.1	97.3	97.1
101.0								
2012	29	99.4	100.7	101.1	99.9	93.2	98.4	98.4
99.6								
2013	66	99.9	100.2	101.1	100.8	94.7	98.5	98.1
100.6								
2014	28	98.9	99.0	101.8	99.9	93.5	97.3	97.0
100.4								
2015	17	98.7	100.0	102.2	99.4	93.6	97.1	96.9
101.2								
2016	29	100.9	101.8	101.0	101.2	95.1	98.2	98.7
101.7								
2017	29	99.4	99.9	101.8	99.7	94.5	98.1	97.7
100.9								
2018	21	100.0	99.9	102.4	100.0	94.8	98.0	97.6
101.2								
2019	26	99.8	101.1	100.8	100.3	95.4	99.1	99.1
101.4								
2020	14	99.4	100.6	102.3	99.5	96.8	99.7	99.0
103.5								

Tabel: 206 Fleck Vieh: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	16	99.7	96.9	95.0	98.8	107.4	95.4
1992	15	100.1	97.2	94.5	98.7	108.0	95.3
1993	14	99.6	97.7	94.6	100.6	108.0	96.6
1994	25	100.3	98.4	94.6	101.0	108.8	97.2
1995	36	99.1	97.6	94.6	99.0	107.8	95.4
1996	22	99.8	98.0	95.2	99.9	109.4	96.5
1997	29	99.7	97.4	95.2	98.9	108.5	95.8
1998	32	98.8	97.6	95.3	100.2	107.9	96.5
1999	50	99.4	97.5	94.9	99.6	107.7	96.0
2000	29	99.0	97.6	95.9	100.1	108.5	96.8
2001	44	99.1	97.8	96.5	100.2	107.8	97.2
2002	33	98.7	97.4	96.2	100.1	109.2	96.8
2003	39	99.2	97.1	95.6	99.2	108.0	96.0
2004	32	99.1	97.2	96.5	99.4	108.3	96.5
2005	44	99.2	96.6	95.2	99.2	107.8	95.7

[Auteur]

2006	56	100.1	96.9	95.7	98.7	108.1	95.8
2007	40	100.8	98.2	96.0	100.1	108.2	97.2
2008	48	99.1	97.2	95.4	99.9	107.6	96.4
2009	54	99.9	97.1	96.4	99.4	107.6	96.6
2010	24	100.8	97.7	95.5	99.3	108.1	96.4
2011	24	99.0	96.7	95.1	99.1	107.2	95.4
2012	29	101.1	98.1	96.7	99.7	108.8	97.4
2013	66	100.2	97.5	97.5	99.6	107.0	97.4
2014	28	100.8	98.2	95.6	99.9	107.7	96.9
2015	17	101.6	98.9	95.5	99.9	108.5	97.1
2016	29	100.8	98.3	98.4	100.2	107.9	98.5
2017	29	100.9	97.7	96.5	99.7	107.3	97.2
2018	21	102.3	98.7	96.9	99.5	107.6	97.8
2019	26	100.7	98.0	98.0	100.5	107.3	98.4
2020	14	102.7	99.1	98.1	101.4	106.3	99.6

Tabel: 207 Fleck Vieh: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1987	15	98.5	103.5	100.1	101.9	100.5	96.3	99.7	101.9
100.3									
1990	22	98.5	104.0	100.5	102.4	101.0	96.6	99.7	102.5
100.6									
1991	14	98.4	103.5	100.0	101.7	100.6	96.3	98.9	101.8
100.1									
1992	21	98.3	103.6	99.6	101.7	100.3	96.4	99.0	101.6
99.9									
1993	24	98.1	103.5	99.6	101.4	100.1	96.6	98.8	101.6
99.9									
1994	34	98.7	103.9	100.7	102.1	101.1	96.6	99.8	102.4
100.7									
1995	49	99.2	103.8	101.0	102.5	101.5	96.9	98.4	102.6
101.1									
1996	36	99.1	104.1	101.1	102.7	101.4	97.1	98.0	102.8
101.1									
1997	48	98.7	104.0	100.8	102.4	100.9	96.8	98.5	102.5
100.8									
1998	56	98.3	103.4	100.0	101.5	100.2	97.0	98.3	101.7
100.2									
1999	79	98.1	103.4	99.9	101.7	100.2	96.8	98.7	101.7
100.0									

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2000	52	97.7	103.5	99.7	101.4	99.8	96.2	98.3	101.6
99.7									
2001	93	97.9	104.0	100.1	102.0	100.1	96.5	98.1	102.1
100.2									
2002	105	97.3	104.1	99.7	101.7	99.2	96.4	97.3	101.9
99.7									
2003	83	97.2	103.7	99.3	101.2	98.9	96.0	97.1	101.5
99.3									
2004	102	97.4	104.1	99.6	101.6	99.3	96.8	96.6	101.9
99.9									
2005	136	97.0	103.8	99.2	101.4	99.0	95.8	97.7	101.5
99.3									
2006	180	97.3	104.0	99.5	101.7	99.4	96.0	97.5	101.8
99.7									
2007	96	97.4	103.6	99.6	101.5	99.6	96.1	98.6	101.6
99.7									
2008	153	98.1	103.5	99.9	101.6	99.9	96.5	98.2	101.8
99.9									
2009	154	98.1	103.6	100.2	101.9	100.2	96.7	99.2	102.0
100.2									
2010	144	98.0	103.4	100.0	101.6	99.9	97.0	99.6	101.7
100.0									
2011	90	98.3	103.4	100.2	101.9	100.2	96.9	100.0	101.9
100.2									
2012	152	98.3	103.5	100.3	101.9	100.4	96.6	99.7	102.0
100.2									
2013	130	98.4	102.8	100.2	101.6	100.4	96.7	100.5	101.6
100.1									
2014	134	99.1	103.1	100.8	102.1	101.0	97.2	101.1	102.1
100.6									
2015	100	98.5	103.0	100.4	101.9	100.7	96.8	102.1	101.8
100.3									
2016	140	99.0	102.1	100.2	101.1	100.5	97.1	101.3	101.2
100.1									
2017	147	99.0	102.3	100.3	101.4	100.8	97.0	101.2	101.4
100.2									
2018	115	99.0	102.0	100.4	101.2	100.7	97.3	101.9	101.3
100.3									
2019	131	99.1	102.2	100.6	101.4	101.0	97.4	102.1	101.5
100.5									
2020	106	98.8	101.9	100.2	101.1	100.5	97.7	102.4	101.1
100.1									
2021	74	99.1	101.9	100.4	101.3	100.9	97.6	102.9	101.3
100.4									
2022	42	98.8	102.2	100.5	101.5	101.0	97.6	103.4	101.5
100.5									

[Auteur]

Tabel: 208 Fleck Vieh: Gebruikskennmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	13	97.1	97.0	100.7	103.1	102.6
1992	15	98.2	98.6	100.6	103.0	101.6
1993	13	97.9	98.5	100.7	103.2	101.8
1994	27	97.0	98.8	100.9	102.6	101.5
1995	40	96.6	98.3	100.7	103.0	101.6
1996	23	96.6	98.1	100.8	103.5	102.0
1997	31	96.8	97.6	100.7	103.2	101.4
1998	32	96.6	99.6	100.3	102.9	101.5
1999	57	97.6	98.5	100.4	103.0	101.4
2000	30	96.7	97.4	100.9	103.0	101.5
2001	47	97.1	97.8	100.2	102.8	102.0
2002	38	96.4	98.3	99.8	103.1	102.9
2003	47	96.8	98.0	99.9	103.1	102.3
2004	37	97.2	98.3	100.3	103.4	102.5
2005	52	97.8	98.0	99.8	102.0	101.4
2006	62	97.7	97.9	100.8	103.2	102.1
2007	51	97.4	99.0	100.6	102.7	101.2
2008	52	97.7	99.9	100.6	102.7	101.7
2009	59	97.1	99.6	100.8	102.8	101.8
2010	31	98.0	98.7	100.7	102.9	101.7
2011	29	97.3	99.9	101.1	102.6	101.5
2012	33	98.2	98.7	101.3	103.1	101.4
2013	78	97.9	98.5	101.5	102.8	101.1
2014	32	98.1	98.2	101.4	103.1	101.3
2015	32	98.8	99.1	101.7	103.2	101.1
2016	43	98.3	99.9	102.4	103.7	101.5
2017	39	98.2	99.6	102.3	103.7	101.6
2018	29	98.0	98.8	102.0	103.6	101.6
2019	34	99.5	99.0	102.5	103.9	101.5
2020	28	99.2	100.0	102.8	104.1	101.9

Tabel: 209 Fleck Vieh: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1987	20	-19.0	-105.0	383.5	102.9	100.3	94.5	97.7	98.7
BVK									23.3

[Auteur]

1989	10	-7.4	-81.7	462.0	102.4	99.8	97.2	98.2	99.3
3.7									
1990	24	-0.0	-87.2	327.8	103.2	100.6	95.0	98.8	99.8
-18.7									
1991	18	2.3	-78.0	222.0	103.1	100.1	96.1	97.6	100.7
-11.6									
1992	24	-3.0	-84.1	382.4	102.4	99.9	94.5	98.7	99.5
-19.7									
1993	26	-3.3	-98.3	391.5	102.7	99.9	94.6	100.6	99.9
-1.7									
1994	36	12.1	-72.2	370.6	102.3	100.7	94.6	101.0	100.5
-35.8									
1995	55	9.0	-60.1	401.3	102.5	101.1	94.6	99.0	101.0
-27.4									
1996	37	10.7	-101.5	386.4	102.8	101.1	95.2	99.9	101.1
-19.0									
1997	53	9.2	-81.6	373.7	102.4	100.8	95.2	98.9	101.0
-15.1									
1998	58	9.3	-98.4	411.1	102.4	100.2	95.3	100.2	100.3
-0.7									
1999	79	19.5	-65.6	382.4	102.3	100.0	94.9	99.6	100.3
-30.0									
2000	56	3.2	-103.2	356.2	102.4	99.7	95.9	100.1	100.4
-4.9									
2001	107	8.7	-117.8	337.0	102.6	100.2	96.5	100.2	101.2
10.7									
2002	118	0.8	-146.9	324.0	103.3	99.7	96.2	100.1	100.4
28.1									
2003	87	-2.8	-126.2	259.5	102.9	99.3	95.6	99.2	100.1
6.4									
2004	94	26.8	-81.1	265.0	103.2	99.9	96.5	99.4	100.3
-13.9									
2005	141	-2.7	-74.5	149.8	101.9	99.3	95.2	99.2	100.7
-8.3									
2006	173	9.9	-64.7	135.6	102.9	99.7	95.7	98.7	100.3
-24.0									
2007	89	47.1	30.7	235.7	102.0	99.7	96.0	100.1	100.8
-59.1									
2008	131	37.2	-13.5	178.4	102.4	99.9	95.4	99.9	100.6
-39.2									
2009	141	38.1	9.8	176.9	102.5	100.2	96.4	99.4	100.8
-55.9									
2010	107	31.0	-15.6	139.0	102.5	100.0	95.5	99.3	100.5
-34.8									
2011	74	35.7	19.6	185.2	102.2	100.2	95.1	99.1	100.7
-47.8									
2012	96	65.3	68.4	207.6	102.3	100.2	96.7	99.7	100.9
-75.7									
2013	110	71.5	124.0	173.5	102.1	100.1	97.5	99.6	101.4
-70.2									

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2014	99	73.1	96.7	195.4	102.3	100.6	95.6	99.9	101.2
-65.4									
2015	83	76.4	119.7	169.2	102.2	100.3	95.5	99.9	101.5
-84.0									
2016	121	77.2	121.2	162.2	102.8	100.1	98.4	100.2	101.6
-65.3									
2017	115	82.6	136.9	167.9	102.7	100.2	96.5	99.7	101.7
-66.0									
2018	90	85.9	161.6	171.7	102.7	100.3	96.9	99.5	102.0
-69.5									
2019	107	95.8	169.0	190.2	102.9	100.5	98.0	100.5	101.9
-57.5									
2020	88	104.4	195.3	241.8	103.1	100.1	98.1	101.4	101.9
-51.0									
2021	71	114.6	206.9	265.0	103.6	100.4	99.3	100.3	102.4
-62.0									

Tabel: 210 Fleck Vieh: Klauwgezondheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1997	12	94.2	91.8	97.1	99.3	98.6	103.6	96.2
2001	14	94.1	89.0	98.6	100.6	96.6	104.9	94.9
2003	16	95.4	91.9	98.5	100.7	98.6	104.0	96.2
2004	15	95.1	90.1	99.1	101.1	97.2	104.1	96.0
2005	21	94.3	90.0	98.3	100.7	96.9	104.0	95.6
2006	24	94.4	88.9	99.6	101.0	96.5	104.5	94.5
2007	27	96.0	91.2	99.3	100.9	98.4	105.3	96.4
2008	27	94.6	91.3	97.5	100.0	98.6	104.9	96.3
2009	24	94.4	90.6	98.4	100.4	96.8	104.0	95.6
2010	13	94.6	90.2	98.2	100.0	97.8	104.5	96.0
2011	12	94.0	90.2	98.2	99.8	96.3	103.3	95.6
2012	17	94.7	90.5	98.4	100.1	97.5	104.4	95.8
2013	30	94.1	91.2	97.4	99.3	98.2	103.8	96.2
2014	15	94.8	91.7	98.1	99.9	98.1	104.4	96.1
2015	13	94.5	90.6	98.6	100.4	96.3	104.4	95.6
2016	20	93.9	91.6	97.4	99.5	97.3	104.0	95.6
2017	29	93.6	90.7	97.2	99.8	96.5	103.9	96.2
2018	16	92.5	90.8	95.3	98.2	97.4	102.2	97.4
2019	28	94.8	91.8	97.4	99.9	98.6	104.3	97.2

Tabel: 211 Fleck Vieh: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel

[Auteur]

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	11	98.6	101.6	98.6	101.6	101.2	103.2
1992	13	97.8	102.1	97.8	102.1	100.8	103.6
1993	15	97.9	102.9	97.9	102.9	100.9	104.3
1994	26	98.6	102.9	98.6	102.9	101.2	104.0
1995	42	98.7	103.2	98.7	103.2	100.4	104.0
1996	28	99.0	103.0	99.0	103.0	100.8	104.2
1997	37	98.8	103.1	98.8	103.1	100.8	104.3
1998	38	98.3	102.6	98.3	102.6	100.4	103.2
1999	56	98.2	102.4	98.2	102.4	100.0	103.5
2000	31	99.0	102.4	99.0	102.4	101.2	104.0
2001	61	99.9	102.5	99.9	102.5	101.6	103.7
2002	62	98.5	102.2	98.5	102.2	100.7	103.3
2003	62	98.1	102.1	98.1	102.1	100.6	103.8
2004	68	98.6	101.9	98.6	101.9	100.7	103.2
2005	87	98.6	102.4	98.6	102.4	100.5	104.1
2006	110	98.4	101.9	98.4	101.9	100.2	103.4
2007	84	98.7	102.6	98.7	102.6	100.7	104.1
2008	115	98.6	102.3	98.6	102.3	100.7	103.5
2009	100	98.9	102.3	98.9	102.3	101.0	103.6
2010	102	98.6	102.1	98.6	102.1	101.1	103.3
2011	79	98.5	102.4	98.5	102.4	100.9	103.5
2012	150	98.9	102.4	98.9	102.4	101.2	103.7
2013	131	99.5	102.6	99.5	102.6	101.6	103.8
2014	122	98.8	102.7	98.8	102.7	101.2	103.7
2015	97	99.2	102.9	99.2	102.9	101.5	103.9
2016	128	99.3	102.7	99.3	102.7	101.9	103.3
2017	141	99.2	103.0	99.2	103.0	101.8	103.7
2018	104	99.3	103.2	99.3	103.1	102.1	104.0
2019	113	99.2	103.2	99.2	103.2	101.7	103.9
2020	65	99.8	102.9	99.8	102.9	102.4	103.8
2021	70	99.9	103.2	99.9	103.2	102.4	104.1
2022	87	100.4	103.4	100.4	103.4	103.0	104.2
2023	51	100.3	103.4	100.3	103.4	102.7	104.2
2024	19	100.1	103.3	100.1	103.3	103.1	104.4

Tabel: 212 Fleck Vies: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	17	89.7	112.3	115.5	113.4	90.8	91.5
1992	17	89.9	112.6	115.2	113.0	91.3	92.1
1993	16	90.3	112.4	114.9	112.0	92.4	93.4

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1994	31	89.4	113.2	115.8	113.2	93.2	92.5
1995	45	90.2	112.4	114.8	113.0	91.7	91.7
1996	27	90.1	112.9	114.8	113.1	92.2	91.4
1997	42	89.9	112.8	115.2	113.1	91.5	91.8
1998	45	90.3	112.5	114.5	112.4	92.5	92.2
1999	67	90.2	112.6	114.8	112.5	90.8	91.4
2000	37	89.4	113.0	115.7	113.3	92.6	92.4
2001	65	90.5	112.0	114.7	113.3	90.9	91.1
2002	65	89.5	112.7	115.7	114.1	90.8	90.9
2003	62	89.1	113.3	116.2	114.3	91.0	90.5
2004	67	89.7	112.7	115.4	113.6	90.2	90.8
2005	79	89.9	112.2	115.5	114.4	89.1	90.0
2006	101	90.1	112.5	115.4	114.2	89.7	90.5
2007	90	90.1	112.9	115.5	114.7	89.8	90.3
2008	103	89.3	112.7	116.3	114.7	89.5	90.2
2009	94	89.5	111.9	115.9	114.4	89.6	89.9
2010	124	89.6	112.7	115.8	114.7	89.7	89.6
2011	66	90.0	112.5	115.5	114.5	89.7	90.2
2012	101	90.0	111.8	115.7	115.4	90.8	90.1
2013	129	91.1	111.7	114.5	114.7	90.1	90.2
2014	97	90.9	111.8	114.7	114.6	90.2	90.2
2015	71	91.4	110.4	114.3	115.2	91.2	90.6
2016	111	92.5	110.4	113.0	115.0	91.2	89.8
2017	97	91.9	110.8	113.6	114.6	91.3	90.0
2018	76	92.3	110.8	113.2	115.0	91.0	89.7
2019	81	91.8	110.9	113.6	114.9	91.1	89.5
2020	26	92.4	111.7	113.1	114.0	91.8	90.3
2021	21	92.5	111.2	113.1	114.9	91.3	90.1
2022	20	92.5	111.1	113.0	114.4	91.5	90.2
2023	11	92.8	109.5	112.8	114.7	91.4	90.3

Tabel: 213 Fleck Vieh: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1990	16	105.6	112.5	100.2	108.4	107.2	101.8	104.2	98.2	110.2
100.2	111.7									
1992	18	105.9	113.7	100.6	108.9	107.7	102.5	103.6	99.1	111.2
100.4	112.2									
1993	21	105.2	114.3	101.0	108.5	107.8	103.2	102.8	99.0	112.1
100.6	111.8									
1994	32	105.7	113.1	101.6	108.3	107.3	102.8	103.7	98.9	111.0
100.9	112.2									

[Auteur]



1995	45	105.5	112.9	101.5	108.3	107.2	102.7	103.7	98.4	111.0
		101.2	111.6							
1996	29	105.7	113.9	100.8	108.2	108.3	102.3	103.4	98.9	112.1
		100.3	111.6							
1997	39	105.5	114.2	101.1	108.6	108.2	102.5	103.6	98.3	112.1
		100.7	111.8							
1998	43	105.2	114.2	100.6	108.7	107.7	102.7	103.4	98.1	111.6
		100.7	111.3							
1999	65	106.0	113.6	101.5	108.3	108.6	102.4	104.0	98.3	111.8
		101.0	111.4							
2000	38	105.0	113.9	100.9	108.1	107.6	102.5	102.9	98.6	111.6
		100.3	111.4							
2001	54	105.2	113.1	101.1	107.7	107.9	101.9	103.5	97.6	111.5
		100.3	110.8							
2002	57	106.2	116.1	101.1	109.3	109.8	102.2	104.0	98.0	113.7
		100.9	112.0							
2003	50	105.1	114.8	101.4	108.9	108.1	102.7	102.8	98.4	112.3
		100.5	111.5							
2004	50	105.4	114.8	101.3	109.1	108.1	102.7	103.2	98.6	112.2
		100.6	111.7							
2005	67	105.4	114.0	102.3	108.0	108.6	102.9	103.3	98.0	112.1
		101.1	111.2							
2006	89	105.5	113.6	102.0	108.0	108.3	102.7	103.7	98.0	111.9
		100.6	111.9							
2007	52	105.7	112.7	101.9	107.9	107.8	102.8	103.5	99.2	111.1
		100.9	111.8							
2008	73	104.9	113.3	101.6	108.2	107.3	102.7	103.1	98.0	111.2
		101.0	111.0							
2009	74	105.3	113.8	101.3	109.1	107.4	103.2	103.6	98.2	111.1
		101.5	111.6							
2010	53	104.6	112.3	102.4	107.5	107.2	103.1	102.9	97.8	110.5
		101.3	110.7							
2011	36	104.0	112.2	101.8	107.9	106.3	103.2	102.4	97.6	110.2
		101.0	110.4							
2012	64	105.1	112.2	102.0	108.5	106.6	103.0	103.7	98.1	109.9
		101.7	111.2							
2013	74	105.3	110.7	101.5	107.6	106.2	102.7	103.9	99.1	109.2
		100.9	111.4							
2014	36	104.2	111.2	102.2	108.1	105.6	103.2	103.0	97.8	109.2
		101.2	110.9							
2015	25	104.8	110.4	101.4	108.4	105.0	102.8	104.1	98.0	108.3
		101.3	111.2							
2016	32	104.4	110.5	101.3	107.8	105.4	103.0	103.4	97.9	108.8
		101.4	110.5							
2017	30	104.6	109.4	101.8	107.3	105.0	102.8	103.8	98.2	108.1
		101.2	110.6							
2018	19	104.1	109.7	101.6	107.4	104.7	102.4	103.5	97.5	107.6
		100.8	110.2							
2019	25	104.0	109.6	101.0	106.6	105.5	102.4	102.9	98.0	108.6
		100.7	109.7							

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2020 12 104.0 108.2 100.6 106.3 104.4 101.2 103.5 98.2 107.1  
99.2 110.0

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Tabel: 214 Fleck Vieh: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: VL

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Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	12	94.6	96.3	92.2
1992	13	93.3	95.2	91.7
1993	15	93.1	95.2	91.3
1994	27	93.1	95.3	92.1
1995	43	94.0	96.2	91.7
1996	27	94.4	96.7	92.0
1997	35	94.0	95.8	92.1
1998	35	94.3	96.5	92.6
1999	55	94.2	96.1	92.7
2000	29	93.1	94.6	93.1
2001	55	93.4	95.2	92.5
2002	48	93.9	95.6	93.0
2003	55	94.1	95.9	93.0
2004	46	94.3	96.0	93.1
2005	65	94.5	96.1	93.0
2006	69	94.2	96.1	92.8
2007	70	94.7	96.5	93.5
2008	68	94.6	96.8	92.7
2009	54	93.9	96.1	92.5
2010	70	93.8	95.8	92.6
2011	43	95.2	97.1	93.7
2012	76	94.4	96.2	92.8
2013	71	95.0	96.7	93.1
2014	54	94.8	96.7	93.1
2015	50	93.9	95.7	93.2
2016	81	95.0	96.5	93.7
2017	80	95.1	96.7	93.7
2018	42	95.6	97.0	94.0
2019	56	95.4	97.1	93.9
2020	21	96.3	97.8	95.0
2021	13	96.0	96.9	94.9
2022	15	96.6	97.9	94.9

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Tabel: 215 Fleck Vieh: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

[Auteur]

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	65	1485.0	6431.2	227.4	186.7
2002	75	1211.2	5333.3	188.9	149.9
2003	65	840.4	4164.1	133.7	102.2
2004	76	1006.6	4510.1	157.6	124.2
2005	118	253.7	1708.0	44.4	28.0
2006	148	247.5	1785.5	39.4	30.1
2007	83	1319.0	5591.4	209.4	160.7
2008	113	743.3	3557.8	116.7	91.4
2009	121	787.5	3714.5	124.9	96.0
2010	99	436.8	2475.5	73.5	50.3
2011	74	867.6	4120.0	138.4	105.2
2012	91	1261.0	5394.1	196.0	156.5
2013	103	1271.5	5468.1	200.7	155.6
2014	104	1278.9	5621.5	200.8	157.3
2015	79	1229.8	5619.2	191.9	152.1
2016	112	1159.6	5572.9	179.8	144.2
2017	108	1287.2	6040.9	198.9	160.6
2018	87	1416.7	6449.0	221.9	174.6
2019	104	1575.4	6999.9	246.1	194.6
2020	73	2134.2	9551.6	328.2	267.3
2021	57	2376.8	10139.7	366.8	296.9

Tabel: 216 Fleck Vieh: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1990	12	93.8	103.4	95.5	93.8
1992	16	95.0	104.0	95.6	95.0
1993	13	95.3	104.2	95.3	95.2
1994	27	94.3	103.3	95.4	93.6
1995	41	95.2	104.0	95.5	95.0
1996	27	94.0	103.6	95.4	93.7
1997	34	94.9	104.5	95.7	95.2
1998	37	94.4	104.1	95.9	94.5
1999	56	95.1	104.2	95.9	95.3
2000	31	94.9	104.0	95.4	94.5
2001	54	95.7	104.4	95.0	95.4
2002	49	93.9	104.9	95.7	94.6
2003	52	93.9	104.9	95.6	94.4
2004	46	94.9	104.4	95.0	94.9
2005	68	95.8	103.5	95.6	95.1
2006	74	95.9	105.2	94.6	95.7
2007	63	95.6	105.4	95.3	95.9

[Auteur]

2008	59	95.5	104.3	95.3	95.4
2009	78	94.9	103.5	95.4	94.4
2010	52	95.4	104.7	95.6	95.7
2011	38	95.3	104.6	95.8	95.4
2012	49	96.2	106.1	94.9	96.8
2013	84	96.8	105.2	94.4	96.3
2014	49	96.9	106.2	95.3	97.6
2015	52	96.2	106.4	94.3	96.5
2016	77	96.0	106.8	95.0	97.1
2017	51	97.0	108.5	95.1	99.2
2018	53	97.4	109.9	94.3	99.7
2019	52	98.7	110.3	94.8	101.6
2020	54	98.4	109.8	94.0	100.6
2021	46	100.2	109.2	93.7	101.7
2022	10	99.9	109.5	93.5	101.3

Tabel: 217 Fleck Vieh: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1987	20	96.6	98.2	20	-0.8	23.3	0	0.0
1989	10	96.0	98.4	10	-0.4	3.7	0	0.0
1990	24	96.0	98.2	23	-0.2	-18.7	0	0.0
1991	18	96.2	98.1	18	-0.2	-11.6	0	0.0
1992	24	95.9	98.5	24	-0.2	-19.7	0	0.0
1993	26	96.4	98.2	26	-0.5	-1.7	0	0.0
1994	36	96.1	97.6	36	0.0	-35.8	0	0.0
1995	55	96.3	97.2	54	0.0	-27.4	0	0.0
1996	37	95.9	98.0	37	-0.3	-19.0	0	0.0
1997	53	96.5	98.0	52	-0.2	-15.1	0	0.0
1998	58	95.7	97.5	58	-0.5	-0.7	0	0.0
1999	79	96.0	97.5	73	0.1	-30.0	0	0.0
2000	56	96.3	98.6	49	-0.5	-4.9	0	0.0
2001	107	95.8	98.4	92	-0.7	10.7	38	105.3
2002	118	95.9	98.1	93	-1.1	28.1	29	105.6
2003	87	95.5	98.3	69	-0.7	6.4	34	104.5
2004	94	95.6	98.6	57	-0.2	-13.9	28	105.1
2005	141	95.5	98.2	98	-0.2	-8.3	40	104.4
2006	173	96.7	98.1	117	0.1	-24.0	53	105.3
2007	89	97.0	98.2	55	0.9	-59.1	39	105.6
2008	131	96.3	98.3	67	0.5	-39.2	41	105.0
2009	141	96.7	98.0	76	0.9	-55.9	46	104.5
2010	107	96.4	98.3	48	0.4	-34.8	23	105.1
2011	74	96.3	97.7	36	0.7	-47.8	24	104.2
2012	96	97.9	97.8	44	1.4	-75.7	29	106.1
2013	110	97.6	97.6	73	1.6	-70.2	62	104.0

[Auteur]

2014	99	98.1	98.1	42	1.3	-65.4	26	105.3
2015	83	98.0	97.5	21	1.8	-84.0	17	106.0
2016	121	98.2	98.0	46	1.6	-65.3	29	104.5
2017	115	99.0	97.2	37	1.8	-66.0	29	104.3
2018	90	98.3	97.1	37	2.0	-69.5	21	105.7
2019	107	98.5	97.4	42	1.7	-57.5	25	104.3
2020	88	99.4	98.0	48	1.7	-51.0	14	104.3
2021	71	98.9	97.4	26	1.7	-62.0	7	104.1

Tabel: 218 Fleck Vieh: Stofwisselingsaandoeningen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	20	99.9	1	103.0	2	99.5	20	95.3
1991	13	100.2	1	105.0	1	103.0	13	94.6
1992	20	99.8	0	0.0	0	0.0	20	94.8
1993	21	99.9	0	0.0	0	0.0	21	94.7
1994	33	99.7	0	0.0	2	99.5	33	94.5
1995	47	99.6	2	99.0	5	99.8	47	95.0
1996	32	100.0	2	103.5	2	100.5	32	95.4
1997	43	99.8	3	102.0	5	100.4	43	95.1
1998	49	99.8	1	104.0	2	101.5	49	94.4
1999	69	99.6	2	100.0	2	100.5	69	94.4
2000	45	99.7	0	0.0	1	99.0	45	94.7
2001	77	99.5	4	100.5	9	99.6	77	93.5
2002	83	99.7	5	102.2	8	99.5	83	94.6
2003	70	99.8	12	101.9	13	100.5	70	93.8
2004	70	99.9	5	102.2	6	100.3	70	93.8
2005	95	99.6	8	100.4	11	101.1	95	93.3
2006	130	99.7	14	101.0	20	100.2	130	94.2
2007	77	99.9	16	100.9	22	101.5	77	94.0
2008	108	99.9	20	101.6	20	100.2	108	93.8
2009	112	99.8	11	101.1	13	99.8	112	93.9
2010	92	99.7	9	101.8	10	101.0	92	93.7
2011	70	99.6	5	101.0	6	98.2	70	93.8
2012	86	99.8	5	100.2	7	100.4	86	94.4
2013	106	99.7	3	102.7	4	100.5	106	94.1
2014	90	99.8	0	0.0	1	101.0	90	94.5
2015	56	99.7	0	0.0	0	0.0	56	94.8
2016	85	99.7	0	0.0	1	99.0	85	95.1
2017	99	99.6	0	0.0	1	101.0	99	94.3
2018	84	99.6	0	0.0	8	100.4	84	94.3
2019	99	99.7	0	0.0	3	99.3	99	94.7
2020	87	99.7	0	0.0	1	100.0	87	94.5
2021	46	99.8	0	0.0	1	101.0	46	95.5

[Auteur]

Tabel: 219 Fleck Vieh: Reproductiestoornissen  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	10	104.2	101.4	106.7	101.3	105.9	104.9
1995	27	103.4	100.6	106.1	100.9	105.8	104.2
1996	13	103.8	100.9	106.5	101.1	105.8	104.4
1997	24	103.2	100.4	106.0	100.5	105.6	104.0
1998	12	102.2	99.8	105.0	99.9	104.8	103.4
1999	24	103.2	100.7	105.7	100.8	105.5	103.7
2000	11	103.5	100.5	106.5	100.7	105.6	105.1
2001	34	103.2	100.1	105.8	100.7	105.5	104.4
2002	27	103.1	100.1	105.7	100.3	105.7	104.4
2003	30	103.4	100.6	105.9	100.4	106.1	104.8
2004	23	103.1	100.1	105.5	100.6	105.3	104.3
2005	32	103.3	100.4	105.9	100.6	105.7	104.3
2006	36	102.8	99.7	105.9	100.0	105.9	103.7
2007	31	103.2	100.5	105.6	100.6	105.8	104.1
2008	35	103.6	100.5	105.8	101.2	105.7	104.3
2009	22	103.9	100.9	106.3	101.5	105.9	104.4
2010	16	102.8	100.0	105.2	100.1	105.6	103.8
2011	10	103.5	100.4	106.2	101.3	105.3	103.9
2012	19	102.0	98.8	104.7	99.5	105.1	103.5
2013	25	102.3	99.4	105.4	99.6	105.6	103.9
2014	12	103.1	100.0	105.9	100.0	105.9	104.0
2018	10	101.7	98.9	104.4	99.3	104.5	102.9
2020	10	100.8	97.9	103.5	98.4	104.6	102.2

Tabel: 220 Brown Swiss: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	18	-1706.1	-71.7	-60.1	-76.5	7.1	1.8	1.8	-473.8
1991	16	-1821.3	-65.4	-61.7	-81.9	26.2	6.3	1.6	-461.4
1992	14	-1673.8	-64.6	-57.3	-75.1	16.0	4.3	1.6	-440.2
1993	21	-1837.2	-73.4	-64.0	-82.6	14.6	3.7	1.7	-495.2
1994	18	-1786.3	-73.6	-60.1	-80.4	10.4	6.9	1.5	-479.1
1995	22	-1638.1	-66.3	-55.5	-73.5	10.5	5.3	1.8	-437.5
1996	16	-1569.6	-64.3	-55.2	-70.4	9.2	1.9	1.5	-430.2
1997	23	-1619.6	-67.6	-58.0	-72.7	7.5	0.4	1.6	-452.1
1998	26	-1718.0	-67.2	-58.0	-77.2	15.0	5.7	1.6	-451.3
1999	23	-1501.7	-61.0	-51.1	-67.3	9.5	4.6	1.6	-402.6

[Auteur]

2000	35	-1528.7	-64.3	-54.0	-68.4	6.5	1.6	1.9	-425.1
2001	21	-1587.6	-62.1	-53.1	-71.1	13.6	6.0	1.9	-414.7
2002	20	-1589.7	-62.9	-52.8	-70.2	12.9	6.8	3.5	-415.4
2003	26	-1510.3	-60.2	-52.3	-67.5	11.5	3.0	2.0	-405.3
2004	23	-1224.9	-51.0	-45.3	-54.5	5.7	-1.7	1.7	-347.9
2005	15	-1404.9	-52.5	-47.3	-62.3	15.8	5.0	2.5	-360.9
2006	26	-1376.1	-56.7	-48.5	-61.6	7.7	1.8	1.4	-378.5
2007	27	-1440.4	-59.6	-48.4	-65.6	7.5	5.1	0.1	-387.1
2008	26	-1242.6	-51.6	-43.4	-55.4	6.3	2.1	1.7	-341.5
2009	33	-1217.3	-54.2	-44.1	-54.6	0.5	-0.5	1.2	-352.4
2010	36	-959.9	-42.0	-35.4	-42.6	1.9	-0.9	1.4	-278.1
2011	22	-1254.2	-52.0	-41.2	-57.1	6.6	6.0	-0.1	-333.1
2012	26	-1094.7	-46.2	-37.6	-48.9	4.6	2.9	1.3	-300.5
2013	27	-1072.9	-45.4	-35.9	-48.9	4.2	4.1	-0.1	-290.7
2014	27	-1024.9	-46.9	-34.7	-46.4	-1.0	3.3	0.4	-290.1
2015	20	-926.3	-40.6	-32.3	-41.6	1.4	1.5	0.8	-260.8
2016	14	-913.7	-40.2	-31.6	-40.6	1.9	2.1	1.4	-256.6
2017	11	-840.7	-36.7	-29.0	-37.5	2.1	2.2	0.8	-234.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 221 Brown Swiss: Exterieurkenmerken bouw  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	14	93.9	98.4	94.0	90.0	105.1	100.4	87.7
1991	13	94.7	97.7	93.5	90.1	104.2	100.9	87.8
1992	10	95.2	97.3	93.8	90.7	103.7	101.3	87.7
1993	17	94.3	98.0	93.8	90.0	105.0	100.6	87.0
1994	13	94.1	98.7	93.2	89.6	105.8	100.8	86.6
1995	15	94.7	98.3	94.9	90.7	104.3	100.6	86.9
1996	11	96.6	99.5	96.2	91.6	104.8	99.7	88.6
1997	16	96.1	98.0	94.7	90.8	104.6	102.4	88.1
1998	15	95.0	98.1	94.3	90.2	105.1	101.4	86.9
1999	19	95.1	98.2	94.5	90.8	104.2	101.4	88.4
2000	27	95.1	98.4	94.7	90.9	104.3	100.9	88.2
2001	13	96.8	97.9	94.6	90.5	104.4	100.0	87.4
2002	10	94.6	97.8	94.1	90.0	105.2	100.2	87.6
2003	21	93.9	97.9	93.6	89.8	105.2	101.2	87.1
2004	18	95.7	98.1	94.7	91.4	103.8	101.6	88.2
2005	12	95.7	98.3	94.3	90.7	104.6	101.4	87.5
2006	19	95.3	98.2	94.6	90.8	104.6	101.5	87.2
2007	19	95.9	98.6	94.5	90.7	104.9	101.2	87.9
2008	15	96.1	98.2	94.8	91.2	104.1	100.9	88.7
2009	19	96.7	98.7	95.6	91.9	104.1	101.6	88.9
2010	26	97.0	98.3	95.8	92.7	102.9	101.4	89.1
2011	12	97.9	100.2	96.1	91.2	105.9	101.3	88.8

[Auteur]

2012	17	97.9	99.9	96.4	91.6	104.8	101.5	88.2
2013	19	97.2	98.8	95.7	91.8	104.2	101.7	89.2
2014	13	97.8	99.2	96.3	92.8	103.3	101.2	89.0
2015	11	98.9	98.8	97.2	93.9	102.6	101.5	88.5

Tabel: 222 Brown Swiss: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	14	104.1	98.1	110.2	101.9	103.6
1991	13	104.5	99.2	109.0	101.9	103.7
1992	10	105.3	98.1	111.2	102.8	104.7
1993	17	105.1	97.7	110.9	102.3	104.8
1994	13	104.6	97.5	111.2	101.9	104.2
1995	15	104.7	98.5	110.7	101.7	104.0
1996	11	105.8	97.8	111.8	103.0	104.5
1997	16	104.6	97.4	112.1	100.9	103.2
1998	15	105.2	97.3	112.1	102.1	104.2
1999	19	104.1	97.7	110.8	101.7	102.9
2000	27	105.5	97.1	111.4	102.6	104.4
2001	13	106.2	95.9	113.2	102.5	105.4
2002	10	104.5	97.7	111.4	101.5	103.5
2003	21	104.9	96.3	111.5	102.4	104.0
2004	18	106.8	96.8	111.7	102.8	105.8
2005	12	105.7	96.8	112.5	102.4	104.5
2006	19	105.1	97.6	111.1	102.4	104.1
2007	19	104.7	97.9	111.5	102.3	103.6
2008	15	104.5	97.1	111.9	101.8	103.8
2009	19	104.8	97.3	111.6	102.2	104.0
2010	26	105.8	96.5	112.3	102.0	104.8
2011	12	106.0	96.8	112.4	103.7	104.7
2012	17	104.1	97.2	111.4	102.6	103.1
2013	19	105.2	96.4	111.8	102.5	103.8
2014	13	106.2	96.9	111.5	102.8	104.6
2015	11	104.8	97.0	111.9	101.6	103.3

Tabel: 223 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
UBA								

[Auteur]



1990 94.8	14	92.9	98.0	104.1	93.9	88.2	94.2	95.4
1991 94.8	13	93.5	97.6	104.2	94.8	88.4	94.2	95.1
1992 94.6	10	92.7	98.1	105.1	93.2	88.4	93.7	95.3
1993 94.9	17	92.5	97.7	105.1	93.4	88.0	93.4	94.9
1994 94.7	13	93.3	98.2	104.5	93.7	88.1	94.0	95.5
1995 93.8	15	92.1	98.1	104.0	92.2	87.1	93.6	95.5
1996 93.9	11	93.5	97.8	103.9	94.1	88.4	94.5	95.5
1997 96.3	16	92.2	96.4	104.8	93.9	88.2	93.8	94.9
1998 94.7	15	92.3	97.2	104.2	93.4	87.7	94.3	95.1
1999 95.3	19	92.2	97.8	104.5	93.1	88.2	94.7	95.8
2000 94.0	27	92.6	97.4	104.3	93.1	87.7	93.8	94.8
2001 95.9	13	92.2	97.9	105.6	93.8	87.9	95.2	96.1
2002 94.4	10	92.0	97.1	103.2	93.6	87.3	94.1	95.0
2003 94.7	21	92.7	97.3	104.0	93.6	88.0	94.1	95.0
2004 94.8	18	94.1	97.8	103.1	94.6	89.6	95.3	95.7
2005 94.5	12	92.9	97.8	103.2	93.6	88.5	94.7	95.7
2006 94.9	19	93.7	97.4	103.5	94.1	88.8	94.6	95.2
2007 94.9	19	92.7	97.1	104.4	93.4	87.6	93.6	94.7
2008 94.7	15	93.0	98.5	104.9	93.2	88.9	95.1	96.5
2009 95.4	19	93.5	99.6	104.1	94.2	89.4	95.9	97.2
2010 96.0	26	93.5	99.7	103.8	94.0	90.1	95.8	97.0
2011 95.8	12	94.0	98.6	103.9	94.8	89.1	95.0	96.0
2012 94.0	17	94.4	98.2	103.1	94.7	88.5	95.0	95.9
2013 94.6	19	93.9	99.1	102.6	94.8	88.9	95.2	96.3
2014 94.4	13	94.7	100.0	102.6	94.8	89.6	95.6	97.2

[Auteur]

2015	11	94.1	100.6	102.6	94.6	90.2	96.9	98.5
96.1								

Tabel: 224 Brown Swiss: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	14	92.9	94.1	89.5	104.9	0.0	93.9
1991	13	93.2	93.4	90.1	105.0	0.0	94.5
1992	10	93.5	93.5	89.1	106.1	0.0	94.5
1993	17	92.6	93.9	89.1	105.9	0.0	94.2
1994	13	92.1	93.8	89.5	105.2	0.0	93.9
1995	15	93.6	94.1	88.1	105.3	0.0	93.7
1996	11	95.6	95.6	90.0	106.1	0.0	95.8
1997	16	94.9	94.4	89.1	104.9	0.0	94.4
1998	15	93.5	94.3	88.9	105.6	0.0	94.3
1999	19	94.2	94.4	89.1	104.1	0.0	93.8
2000	27	94.2	94.5	88.9	105.6	0.0	94.6
2001	13	94.0	94.1	89.1	106.5	0.0	95.0
2002	10	93.0	94.2	88.4	104.4	0.0	93.2
2003	21	92.7	93.8	89.1	104.8	0.0	93.6
2004	18	94.9	94.6	91.1	106.9	0.0	96.6
2005	12	93.9	94.2	89.8	105.5	0.0	94.8
2006	19	93.9	94.4	90.4	105.3	0.0	95.0
2007	19	94.4	94.8	88.8	105.1	0.0	94.2
2008	15	94.7	94.7	89.8	105.1	0.0	94.9
2009	19	95.9	95.5	90.6	105.4	0.0	96.0
2010	26	96.2	95.2	90.9	105.8	0.0	96.5
2011	12	96.0	96.4	90.8	105.9	0.0	96.5
2012	17	96.2	95.8	90.7	104.2	0.0	95.4
2013	19	95.9	95.3	90.7	104.7	0.0	95.6
2014	13	96.5	95.5	91.3	105.8	0.0	96.8
2015	11	97.2	96.0	91.4	104.6	0.0	96.5

Tabel: 225 Brown Swiss: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									

[Auteur]

1990	17	101.8	101.9	99.1	99.5	99.8	95.2	84.1	100.4
98.9									
1991	14	101.2	102.8	99.1	99.9	99.3	96.2	86.4	100.9
99.3									
1992	11	101.3	102.2	98.8	99.2	98.9	96.2	85.1	100.5
98.9									
1993	20	101.1	101.7	98.5	98.8	98.8	95.5	84.6	100.0
98.4									
1994	16	102.5	101.6	99.1	99.3	99.9	95.8	84.6	100.2
99.0									
1995	19	102.4	101.0	99.1	98.8	99.9	96.4	84.4	100.0
99.0									
1996	16	101.1	102.0	98.6	99.1	99.1	96.1	86.1	100.2
98.8									
1997	22	101.3	102.0	98.7	99.4	99.2	96.0	86.0	100.1
98.8									
1998	22	102.3	101.9	99.5	99.6	100.0	96.4	84.5	100.5
99.6									
1999	23	101.3	102.0	98.8	99.3	99.3	95.7	85.4	100.3
98.8									
2000	31	102.9	101.3	99.5	99.5	100.4	96.5	84.7	100.4
99.3									
2001	23	101.6	102.2	99.3	99.8	99.9	96.3	85.7	100.5
99.4									
2002	19	101.8	102.0	99.2	99.5	99.8	95.7	85.4	100.5
99.1									
2003	27	101.4	102.3	99.3	99.9	99.5	95.2	85.9	100.7
99.1									
2004	24	102.1	102.2	99.8	100.0	100.5	96.7	86.3	101.0
99.9									
2005	18	101.9	101.3	99.1	99.1	99.7	95.8	85.8	100.2
98.9									
2006	28	102.1	102.0	99.8	99.9	100.2	96.2	86.4	100.9
99.5									
2007	28	101.5	102.2	99.5	99.8	99.8	95.6	86.8	100.9
99.2									
2008	27	102.3	102.3	100.2	100.5	100.9	97.1	87.0	101.3
100.3									
2009	34	101.5	102.4	99.7	100.1	100.1	96.3	86.7	101.1
99.6									
2010	45	101.9	101.7	99.7	99.8	100.3	96.8	87.3	100.7
99.6									
2011	26	101.5	102.9	100.1	100.8	100.4	96.3	87.5	101.6
100.0									
2012	26	101.9	101.8	99.7	99.9	100.2	95.8	87.5	100.8
99.3									
2013	29	102.7	101.6	100.2	100.0	100.8	96.9	86.8	100.9
100.0									
2014	30	102.6	102.3	100.8	100.8	101.2	97.3	88.4	101.7
100.6									

[Auteur]

2015	19	102.1	101.2	99.5	99.6	100.4	96.6	87.4	100.2
99.5									
2016	14	103.3	101.0	100.2	100.0	101.2	97.5	88.2	100.6
100.1									
2017	15	102.3	101.5	100.1	99.9	100.7	96.7	87.9	100.9
99.9									

Tabel: 226 Brown Swiss: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	11	97.6	97.8	95.8	96.6	99.3
1991	10	95.9	94.7	95.9	96.9	99.5
1993	16	95.5	97.1	95.3	96.6	99.2
1994	13	97.8	98.9	96.0	96.8	99.6
1995	15	98.1	98.3	96.2	96.9	100.1
1996	11	97.9	96.0	97.1	97.9	100.2
1997	17	94.5	96.5	96.0	96.2	99.7
1998	13	96.4	97.7	96.4	97.5	100.4
1999	19	95.6	97.0	96.7	97.1	99.4
2000	25	96.9	97.0	97.0	97.9	100.4
2001	13	95.5	96.9	96.6	97.6	100.1
2002	13	96.5	97.9	96.8	98.0	100.6
2003	20	96.5	97.9	97.3	98.1	100.2
2004	20	98.2	95.7	97.9	98.7	100.4
2005	11	96.4	96.2	97.3	97.8	100.7
2006	20	96.2	96.7	97.5	98.1	100.0
2007	19	96.8	96.1	97.2	97.9	100.7
2008	17	96.5	97.4	97.7	98.1	100.0
2009	22	97.0	97.7	96.6	97.4	99.5
2010	27	96.8	96.3	97.8	97.9	100.0
2011	14	97.5	95.9	98.1	98.2	100.3
2012	16	98.3	96.1	98.8	99.3	100.7
2013	19	97.2	96.8	98.0	98.3	99.8
2014	16	97.7	95.8	98.6	98.8	99.8
2015	10	97.3	96.6	98.2	98.5	100.5
2016	10	98.4	98.1	98.5	98.4	99.7

Tabel: 227 Brown Swiss: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

[Auteur]

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1990 242.8	18	-122.2	-473.8	-116.9	97.9	98.9	89.5	104.9	99.7
1991 191.4	16	-142.8	-461.4	-234.3	98.2	99.3	90.1	105.0	98.5
1992 204.4	14	-125.8	-440.2	-167.9	98.6	98.9	89.1	106.1	99.3
1993 208.7	21	-146.0	-495.2	-114.7	97.9	98.4	89.1	105.9	99.2
1994 197.6	18	-136.6	-479.1	-97.6	98.2	99.0	89.5	105.2	99.1
1995 190.3	22	-129.0	-437.5	-168.3	98.7	99.0	88.1	105.3	98.8
1996 147.2	16	-125.6	-430.2	-90.4	99.1	98.8	90.0	106.1	98.8
1997 201.0	23	-143.0	-452.1	-175.2	97.9	98.8	89.1	104.9	98.6
1998 195.6	26	-129.2	-451.3	-205.5	99.1	99.6	88.9	105.6	99.2
1999 185.1	23	-129.7	-402.6	-190.7	98.3	98.8	89.1	104.1	99.3
2000 183.4	35	-120.2	-425.1	-130.7	99.3	99.3	88.9	105.6	99.3
2001 156.6	21	-121.9	-414.7	-139.9	99.0	99.4	89.1	106.5	100.4
2002 156.5	20	-122.2	-415.4	-107.8	99.3	99.1	88.4	104.4	99.4
2003 176.1	26	-116.0	-405.3	-145.0	99.3	99.1	89.1	104.8	99.6
2004 153.5	23	-69.8	-347.9	35.7	99.7	99.9	91.1	106.9	100.0
2005 171.2	15	-100.6	-360.9	-96.3	99.5	98.9	89.8	105.5	99.2
2006 160.8	26	-99.5	-378.5	-69.2	99.1	99.5	90.4	105.3	99.6
2007 178.6	27	-105.6	-387.1	-57.0	99.5	99.2	88.8	105.1	99.4
2008 148.1	26	-84.5	-341.5	-33.4	99.1	100.3	89.8	105.1	99.4
2009 162.7	33	-92.8	-352.4	5.5	98.4	99.6	90.6	105.4	99.3
2010 138.3	36	-67.0	-278.1	3.3	98.9	99.6	90.9	105.8	99.4
2011 107.2	22	-90.1	-333.1	-73.5	99.4	100.0	90.8	105.9	99.9
2012 92.0	26	-80.5	-300.5	-14.3	100.1	99.3	90.7	104.2	99.7

[Auteur]

2013	27	-76.3	-290.7	0.2	99.0	100.0	90.7	104.7	100.0
118.2									
2014	27	-65.7	-290.1	23.0	99.3	100.6	91.3	105.8	100.2
100.9									
2015	20	-62.9	-260.8	-4.7	99.6	99.5	91.4	104.6	100.8
127.5									
2016	14	-63.9	-256.6	28.8	99.2	100.1	90.3	104.4	100.7
101.1									
2017	11	-62.8	-234.8	13.2	98.8	99.9	90.2	105.4	100.9
95.2									

Tabel: 228 Brown Swiss: Klauwgezondheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2000	12	101.0	102.8	100.5	102.1	98.0	104.8	96.9
2010	13	101.1	103.2	100.2	101.4	99.1	103.7	97.6

Tabel: 229 Brown Swiss: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	10	97.2	102.6	97.2	102.6	94.8	102.0
1991	10	95.3	102.7	95.3	102.7	93.8	102.7
1992	11	96.6	102.6	96.6	102.6	95.1	102.5
1993	14	97.1	102.5	97.1	102.5	94.7	101.3
1994	14	97.3	102.3	97.3	102.3	95.4	101.6
1995	13	96.5	102.6	96.5	102.6	93.8	101.5
1996	12	95.3	103.6	95.3	103.6	92.9	103.0
1997	19	96.3	102.3	96.3	102.3	94.8	102.1
1998	13	96.6	102.8	96.6	102.8	94.7	102.0
1999	18	97.5	102.4	97.5	102.4	95.5	102.1
2000	29	96.6	102.9	96.6	102.9	94.5	102.2
2001	16	96.4	104.0	96.4	104.0	93.9	102.9
2002	16	96.2	103.0	96.2	103.0	93.8	102.1
2003	23	97.0	102.5	97.0	102.5	94.6	101.9
2004	24	97.2	102.9	97.2	102.9	95.2	102.3
2005	18	97.0	102.2	97.0	102.2	95.1	101.9
2006	23	97.1	102.5	97.1	102.5	95.0	102.3
2007	22	96.6	103.0	96.6	103.0	95.0	102.4
2008	26	97.0	102.4	97.0	102.4	94.8	101.6

[Auteur]

2009	30	96.8	102.4	96.8	102.4	94.6	101.6
2010	40	96.5	102.5	96.5	102.5	94.8	101.6
2011	27	97.0	102.8	97.0	102.8	95.1	102.5
2012	23	96.3	103.4	96.3	103.4	95.0	102.6
2013	26	96.9	103.0	96.9	103.0	95.2	102.7
2014	29	96.6	103.6	96.6	103.6	95.0	103.0
2015	20	97.5	103.5	97.5	103.5	95.8	103.1
2016	15	97.4	103.3	97.4	103.3	95.6	102.6
2017	13	97.6	103.3	97.6	103.3	95.5	102.1

Tabel: 230 Brown Swiss: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	11	93.0	111.4	107.9	111.7	96.7	91.1
1991	11	91.8	112.5	109.0	111.0	98.9	92.3
1992	10	92.0	112.8	108.9	112.4	98.3	91.2
1993	17	93.3	112.5	107.7	111.6	98.9	92.2
1994	14	92.6	112.2	108.1	110.7	97.9	92.1
1995	14	92.2	111.1	108.4	111.8	100.3	92.5
1996	12	91.5	112.9	109.4	112.2	98.4	92.0
1997	20	91.8	113.6	109.2	111.8	98.1	92.2
1998	13	92.4	112.4	108.3	111.8	98.7	91.8
1999	22	92.5	112.7	108.6	111.9	97.5	91.5
2000	27	92.9	112.4	108.1	112.3	97.5	90.4
2001	15	92.5	112.9	108.6	112.3	98.7	91.4
2002	12	92.6	112.9	108.2	112.1	95.8	89.8
2003	22	93.2	112.0	107.6	111.3	97.1	91.5
2004	22	93.0	113.5	107.9	111.5	96.1	90.8
2005	15	93.4	112.6	107.5	110.9	97.7	92.3
2006	25	92.2	112.0	108.5	111.6	96.9	91.5
2007	23	91.1	113.3	109.7	111.9	96.7	91.6
2008	23	92.3	113.2	108.3	111.3	96.3	90.7
2009	28	91.6	113.4	109.0	111.5	96.0	91.2
2010	40	91.5	114.2	108.8	110.8	96.1	90.5
2011	24	92.2	111.7	108.5	111.4	96.7	91.2
2012	23	91.8	111.9	109.0	110.3	97.0	92.0
2013	24	91.7	113.8	108.9	111.0	95.9	90.6
2014	31	92.0	113.2	108.6	111.2	96.4	90.8
2015	22	91.0	113.5	109.8	111.6	95.6	91.0
2016	12	92.2	112.2	108.2	110.6	96.4	90.7
2017	13	91.2	113.9	109.0	110.6	97.3	91.2

Tabel: 231 Brown Swiss: Vleeskenmerken

[Auteur]

Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1990	13	102.2	109.9	97.7	102.6	109.1	102.2	100.8	94.2	110.4
98.8	109.3									
1991	14	101.7	108.7	98.7	101.6	108.6	103.0	100.3	94.3	109.9
99.4	108.4									
1992	10	101.0	109.4	97.9	101.4	109.3	102.6	99.8	92.9	110.7
98.8	108.1									
1993	15	100.2	109.5	98.1	101.5	108.1	103.4	98.5	93.7	110.3
99.2	108.0									
1994	15	101.1	110.1	97.7	102.3	109.2	103.4	99.3	93.9	110.9
99.3	108.5									
1995	18	100.8	109.4	98.3	101.4	108.9	103.2	99.2	93.8	110.3
99.1	108.1									
1996	14	101.6	108.9	97.6	102.6	108.6	102.0	100.6	93.4	109.5
98.7	108.9									
1997	19	101.1	109.1	98.9	101.6	108.8	102.8	100.1	93.5	109.8
99.9	107.8									
1998	15	101.1	109.5	98.4	101.9	109.3	103.2	100.0	93.3	110.5
99.6	108.3									
1999	19	101.7	108.2	98.0	101.4	108.2	102.1	100.2	95.0	109.4
98.5	108.5									
2000	26	102.0	108.2	98.5	101.5	108.5	102.4	100.9	94.5	109.5
99.1	108.7									
2001	14	101.3	108.8	99.2	101.6	108.4	103.4	100.2	93.3	109.5
100.9	107.2									
2002	12	101.2	109.1	98.5	101.8	108.4	103.5	100.2	93.8	110.2
100.2	108.1									
2003	20	102.0	108.8	98.6	101.7	109.0	102.8	100.8	94.3	110.0
99.8	108.0									
2004	18	101.1	107.4	98.8	101.0	107.4	103.2	99.8	95.1	108.6
100.1	107.3									
2005	12	102.4	109.2	98.7	102.2	109.7	102.8	101.3	93.3	110.2
100.2	108.8									
2006	20	100.8	107.8	99.2	101.0	108.1	103.4	99.5	93.8	109.1
100.1	107.0									
2007	21	101.3	108.1	98.2	101.4	108.0	102.7	100.1	94.1	109.0
99.3	107.8									
2008	18	102.2	108.1	97.8	102.3	108.3	102.7	101.2	94.3	109.1
99.8	108.3									
2009	17	101.8	108.1	97.8	101.9	108.1	102.6	100.6	94.8	108.8
99.5	107.9									
2010	24	101.9	106.5	98.5	101.2	107.4	102.2	101.0	94.5	107.8
99.8	107.2									

[Auteur]



2012	18	103.3	108.0	98.8	102.3	109.2	102.1	102.4	94.3	108.9
		99.8	108.8							
2013	18	102.1	107.2	97.2	101.8	107.8	102.1	101.4	94.9	108.3
		99.3	108.1							
2014	15	102.2	106.5	98.7	102.1	107.1	102.8	101.6	94.7	107.6
		100.3	108.1							
2015	11	102.5	107.5	97.3	102.6	108.5	101.7	101.9	94.3	108.5
		99.1	108.6							

Tabel: 232 Brown Swiss: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	10	90.7	98.7	83.1
1993	12	90.2	98.8	82.6
1994	14	90.5	98.5	83.1
1995	13	88.9	97.6	81.2
1996	11	90.3	98.5	82.5
1997	20	89.7	97.8	82.6
1998	12	90.7	99.1	82.2
1999	18	91.2	99.5	83.4
2000	26	90.5	98.5	83.0
2001	16	91.2	98.9	83.4
2002	15	91.5	99.0	83.6
2003	20	91.7	99.2	84.2
2004	22	92.5	100.4	84.0
2005	16	90.1	98.6	82.4
2006	18	91.3	99.4	83.3
2007	21	91.3	99.5	83.2
2008	20	92.7	100.0	84.3
2009	28	93.1	100.6	84.2
2010	40	92.8	100.0	84.6
2011	23	93.3	100.6	84.9
2012	20	91.5	99.5	83.7
2013	19	93.3	100.3	84.8
2014	22	93.5	100.6	85.3
2015	12	94.2	100.8	86.2

Tabel: 233 Brown Swiss: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
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[Auteur]

2001	22	-3118.5	-11429.9	-473.1	-395.1
2002	19	-2846.7	-10582.8	-434.7	-358.7
2003	27	-3039.9	-11085.0	-460.8	-385.4
2004	23	-1779.9	-6359.2	-262.6	-230.7
2005	15	-2782.5	-10393.1	-417.0	-356.1
2006	25	-2486.8	-8997.4	-375.7	-316.2
2007	26	-2574.2	-9428.3	-394.9	-323.2
2008	25	-2151.9	-7760.6	-327.8	-271.8
2009	32	-2001.6	-7040.9	-308.0	-250.6
2010	36	-1721.1	-6033.4	-261.5	-217.8
2011	22	-2395.8	-8771.8	-370.4	-298.8
2012	25	-1865.4	-6752.9	-287.2	-233.4
2013	27	-1818.2	-6688.2	-282.8	-225.6
2014	27	-1638.6	-5820.8	-260.1	-199.6
2015	17	-1677.4	-6023.4	-261.4	-207.7
2016	12	-1306.8	-4608.8	-204.3	-161.3
2017	12	-1527.7	-5373.8	-239.8	-187.9

Tabel: 234 Brown Swiss: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1993	12	96.5	91.8	104.8	95.3
1994	12	97.3	92.3	104.3	95.9
1995	11	96.7	91.5	105.9	96.5
1996	10	96.4	93.4	106.2	97.5
1997	16	97.4	93.2	105.9	97.5
1998	10	97.5	92.5	105.9	97.7
1999	20	97.2	92.7	105.2	96.7
2000	25	95.9	92.2	105.9	96.1
2001	12	96.2	93.7	106.2	97.4
2002	12	97.5	93.9	105.5	98.3
2003	15	97.3	92.6	105.2	96.9
2004	19	97.6	94.9	105.7	99.1
2006	20	96.5	93.1	105.7	96.8
2007	16	98.1	93.7	105.9	99.0
2008	18	97.8	94.8	106.0	99.2
2009	22	97.6	95.5	105.4	98.9
2010	26	97.3	97.0	106.2	100.2
2011	15	98.7	94.3	105.9	99.9
2012	12	98.3	95.5	106.4	100.3
2013	16	98.0	94.6	105.1	98.6
2014	14	98.0	95.9	106.2	100.4

[Auteur]

Tabel: 235 Brown Swiss: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	18	97.4	99.7	18	-5.3	242.8	0	0.0
1991	16	97.8	101.6	15	-4.7	191.4	0	0.0
1992	14	98.4	101.3	12	-4.7	204.4	0	0.0
1993	21	97.3	101.4	19	-5.0	208.7	0	0.0
1994	18	97.5	99.9	14	-4.9	197.6	0	0.0
1995	22	97.2	100.4	18	-4.5	190.3	0	0.0
1996	16	97.9	101.8	12	-4.0	147.2	0	0.0
1997	23	97.3	100.7	18	-4.7	201.0	0	0.0
1998	26	98.2	101.6	17	-4.5	195.6	0	0.0
1999	23	98.4	100.4	20	-4.2	185.1	0	0.0
2000	35	98.0	100.9	28	-4.3	183.4	0	0.0
2001	21	98.4	101.7	13	-3.9	156.6	13	94.5
2002	20	98.9	101.6	12	-3.9	156.5	10	94.0
2003	26	98.7	101.3	23	-4.2	176.1	20	93.7
2004	23	99.3	101.5	19	-3.5	153.5	17	94.1
2005	15	97.7	101.7	12	-3.8	171.2	12	94.2
2006	26	98.7	101.4	20	-3.8	160.8	18	94.2
2007	27	98.4	100.8	23	-4.1	178.6	18	94.5
2008	26	99.4	100.8	19	-3.5	148.1	15	94.6
2009	33	98.9	100.3	20	-3.6	162.7	19	95.0
2010	36	99.5	101.1	27	-2.9	138.3	26	94.5
2011	22	99.1	102.0	13	-3.3	107.2	12	98.1
2012	26	98.7	102.3	18	-2.6	92.0	16	97.6
2013	27	99.6	101.0	19	-3.0	118.2	19	95.9
2014	27	100.0	101.1	14	-2.6	100.9	13	95.9
2015	20	99.4	100.0	11	-2.7	127.5	11	95.7
2016	14	99.9	100.6	8	-2.7	101.1	7	97.0
2017	11	100.8	100.4	5	-2.4	95.2	5	95.0

Tabel: 236 Brown Swiss: Stofwisselingsaandoeningen  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	12	100.0	0	0.0	0	0.0	12	99.0
1991	12	99.9	0	0.0	0	0.0	12	97.1
1992	10	99.6	1	96.0	2	99.0	10	99.2
1993	16	100.0	0	0.0	0	0.0	16	98.1
1994	13	100.0	0	0.0	0	0.0	13	99.2
1995	15	100.0	1	99.0	1	102.0	15	98.3

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1996	13	99.9	3	99.7	3	99.3	13	99.1
1997	19	100.0	0	0.0	0	0.0	19	97.5
1998	16	99.9	1	99.0	1	101.0	16	98.2
1999	22	99.8	1	96.0	3	98.7	22	98.6
2000	28	99.8	1	93.0	1	98.0	28	99.3
2001	15	99.8	2	98.5	3	100.0	15	99.8
2002	13	99.7	2	98.0	3	99.0	13	100.2
2003	22	99.7	3	98.7	3	99.0	22	98.8
2004	25	99.8	2	98.5	4	98.5	25	99.2
2005	14	99.9	1	96.0	1	103.0	14	98.0
2006	24	99.6	3	98.7	4	98.0	24	98.4
2007	26	99.9	0	0.0	1	94.0	26	99.2
2008	21	99.9	2	98.0	5	100.2	21	99.2
2009	32	99.9	2	98.0	2	100.5	32	99.7
2010	36	99.8	4	98.5	7	100.0	36	99.5
2011	22	99.5	0	0.0	1	99.0	22	100.4
2012	24	99.3	3	96.0	4	99.5	24	99.7
2013	27	99.7	0	0.0	0	0.0	27	99.9
2014	26	99.7	1	97.0	1	101.0	26	100.0
2015	19	99.8	0	0.0	1	101.0	19	100.2
2016	13	99.4	0	0.0	0	0.0	13	99.8
2017	11	100.0	0	0.0	0	0.0	11	99.3

Tabel: 237 Brown Swiss: Reproductiestoornissen

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1995	10	100.8	97.5	101.9	99.2	104.7	100.1
1999	11	100.9	97.2	102.4	99.3	105.0	100.9
2000	12	100.8	97.2	102.2	99.2	104.5	100.6
2003	11	100.9	97.5	102.0	99.4	104.6	100.5
2004	13	100.3	96.6	101.7	99.0	104.5	100.6
2008	12	100.5	97.2	101.5	98.6	104.8	100.4
2010	17	100.2	96.8	101.2	98.4	104.5	100.2

Tabel: 238 Montbéliard: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	11	-1662.9	-91.6	-67.3	-74.6	-26.2	-11.5	1.5	-564.4
1987	12	-1775.0	-85.3	-70.1	-79.9	-8.8	-9.8	1.4	-557.4
1988	21	-1881.4	-91.6	-71.9	-84.6	-11.4	-6.9	1.6	-584.0

[Auteur]

1989	26	-1985.4	-93.4	-75.1	-89.3	-7.3	-6.0	1.6	-603.2
1990	24	-1892.6	-90.0	-73.3	-85.2	-8.5	-8.5	1.6	-585.5
1991	19	-1799.1	-89.3	-70.1	-80.9	-13.3	-8.2	1.7	-569.1
1992	26	-1736.7	-85.2	-67.2	-78.1	-11.5	-7.2	1.5	-544.8
1993	23	-1734.3	-83.6	-68.1	-77.9	-9.0	-8.3	1.5	-543.6
1994	28	-1578.0	-79.0	-63.0	-70.9	-12.5	-9.5	1.5	-507.9
1995	17	-1707.6	-85.5	-67.1	-76.6	-13.9	-8.9	1.8	-545.3
1996	29	-1694.8	-84.0	-65.1	-76.1	-12.5	-6.2	1.7	-532.0
1997	33	-1379.8	-71.8	-53.9	-61.7	-14.6	-6.3	1.6	-447.6
1998	28	-1614.9	-78.6	-59.5	-72.5	-9.0	-2.1	1.6	-491.8
1999	31	-1622.7	-81.7	-61.9	-72.8	-13.9	-5.4	1.6	-511.5
2000	31	-1613.3	-79.2	-59.2	-72.5	-10.0	-1.6	1.5	-492.0
2001	27	-1579.9	-74.9	-59.2	-71.0	-5.9	-3.5	1.4	-479.4
2002	21	-1303.5	-70.6	-52.3	-57.8	-18.0	-8.0	2.3	-436.7
2003	31	-1209.8	-65.9	-49.8	-53.2	-16.4	-8.6	2.7	-412.1
2004	22	-1238.3	-69.4	-49.8	-53.8	-19.5	-7.3	3.8	-422.4
2005	25	-1368.6	-71.7	-53.1	-59.1	-14.6	-5.2	5.1	-443.4
2006	25	-1213.3	-66.1	-48.8	-54.0	-16.3	-7.0	1.8	-408.2
2007	24	-919.7	-51.5	-38.2	-40.7	-14.0	-7.0	1.7	-318.6
2008	30	-1066.6	-58.0	-42.4	-47.5	-14.1	-5.3	1.5	-356.6
2009	21	-794.4	-47.0	-34.3	-34.8	-14.8	-7.7	1.9	-288.5
2010	18	-807.3	-50.8	-35.0	-35.3	-19.4	-7.7	1.9	-302.8
2011	10	-866.2	-47.3	-34.2	-38.4	-10.9	-3.8	1.5	-288.9
2012	13	-893.9	-51.8	-36.5	-40.5	-16.1	-5.9	0.2	-312.4
2013	15	-659.3	-46.7	-29.8	-30.5	-23.2	-7.9	-0.7	-268.2
2014	12	-944.9	-56.1	-39.8	-41.8	-18.6	-7.8	1.6	-339.2
2015	16	-328.4	-33.2	-20.7	-14.2	-22.9	-10.9	0.9	-188.7
2016	13	-426.3	-38.0	-22.0	-17.0	-23.7	-8.3	3.2	-208.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 239 Montbéliard: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	11	93.0	104.8	92.1	84.2	110.8	108.4	91.4
1991	11	92.6	105.3	92.5	84.5	111.3	106.0	91.1
1992	13	93.3	105.7	93.0	84.3	111.2	108.7	91.5
1994	15	93.9	107.5	94.1	84.9	111.5	107.9	91.6
1997	20	95.1	107.9	95.3	84.9	112.3	109.2	91.5
1998	18	94.1	107.7	93.8	83.6	112.5	108.7	91.1
1999	16	93.1	107.5	93.9	84.4	111.5	108.4	91.8
2002	11	94.7	107.3	94.2	85.3	111.5	107.7	92.1
2003	13	96.6	108.3	95.1	86.5	111.2	106.3	93.2
2005	15	94.4	108.4	94.2	83.9	113.4	108.5	91.5
2006	14	95.8	107.8	94.1	85.1	111.8	106.8	91.7
2007	12	97.0	109.2	95.7	85.7	111.9	107.8	91.3

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2008	13	95.4	107.8	93.9	84.8	112.1	107.2	93.2
2009	17	95.8	108.6	94.9	85.1	111.7	108.4	92.3

Tabel: 240 Montbéliard: Exterieurkenmerken beenwerk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	11	98.2	98.7	106.5	101.1	95.4
1991	11	98.7	97.6	105.9	101.1	96.3
1992	13	98.2	98.2	106.9	101.6	95.5
1994	15	98.8	96.9	105.2	101.4	96.7
1997	20	99.8	97.2	105.0	102.0	97.8
1998	18	99.6	98.1	105.5	101.8	97.2
1999	16	99.5	99.0	105.1	102.0	96.8
2002	11	99.9	97.6	106.5	102.4	97.5
2003	13	101.9	95.9	109.8	104.2	98.8
2005	15	100.5	95.9	106.6	103.1	98.7
2006	14	101.3	96.1	108.1	103.4	98.2
2007	12	101.5	95.8	108.4	103.6	98.0
2008	13	99.7	97.1	107.2	102.9	97.3
2009	17	100.4	96.6	107.2	102.8	97.6

Tabel: 241 Montbéliard: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	11	86.8	89.5	104.3	89.4	80.5	89.9	90.1
1991	11	87.1	89.8	104.4	89.3	82.0	90.5	90.5
1992	13	86.2	88.9	104.8	88.5	79.9	89.6	89.4
1994	15	86.1	90.0	106.4	88.0	81.9	89.2	88.4
1997	20	85.9	89.2	104.6	88.7	81.0	90.4	89.5
1998	18	86.1	89.1	103.7	88.9	80.9	90.6	89.5
1999	16	86.7	89.8	105.4	88.6	81.9	90.4	89.6

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2002	11	86.9	90.5	104.7	89.1	82.2	91.0	91.0
93.5								
2003	13	88.1	90.2	104.2	90.1	82.9	91.7	90.8
93.9								
2005	15	87.1	91.7	104.4	88.7	81.9	90.9	90.2
92.4								
2006	14	87.4	89.4	104.3	89.7	82.2	90.9	90.0
92.6								
2007	12	85.5	90.3	105.4	88.3	80.2	90.4	90.1
92.2								
2008	13	87.3	90.7	103.9	89.2	81.4	90.1	89.5
92.0								
2009	17	86.7	90.4	104.8	88.9	81.5	90.8	90.2
92.5								

Tabel: 242 Montbéliard: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	11	89.9	93.5	81.4	96.6	0.0	84.2
1991	11	89.9	93.9	82.2	96.8	0.0	84.8
1992	13	90.3	94.0	80.5	96.7	0.0	84.2
1994	15	90.9	94.4	81.1	97.0	0.0	84.9
1997	20	91.7	95.1	81.0	98.1	0.0	85.7
1998	18	90.5	93.8	81.3	97.8	0.0	85.0
1999	16	90.5	93.9	81.8	97.8	0.0	85.4
2002	11	91.4	95.0	82.5	98.3	0.0	86.5
2003	13	92.7	95.7	83.6	99.6	0.0	88.3
2005	15	90.7	94.5	82.3	98.7	0.0	86.3
2006	14	91.6	94.4	82.7	99.1	0.0	87.1
2007	12	92.6	94.8	80.3	98.8	0.0	85.9
2008	13	91.9	94.8	82.2	97.9	0.0	86.3
2009	17	91.9	94.6	81.8	98.4	0.0	86.2

Tabel: 243 Montbéliard: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									

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1986	11	103.4	103.2	101.1	101.9	100.9	98.4	85.4	102.3
101.1									
1988	14	102.9	103.4	100.6	101.7	100.7	97.6	85.6	102.3
100.7									
1989	19	103.1	104.3	101.4	103.1	101.5	97.9	86.8	103.2
101.6									
1990	17	103.1	104.8	101.8	103.5	101.6	97.9	87.0	103.5
101.7									
1991	18	103.4	103.8	101.0	102.3	101.4	97.9	85.0	102.5
101.2									
1992	23	102.8	104.4	101.3	102.8	101.2	97.4	87.4	103.0
101.3									
1993	19	103.3	103.7	101.3	102.5	101.4	97.8	85.6	102.8
101.4									
1994	25	103.1	103.8	101.4	102.4	101.7	97.4	86.0	102.8
101.4									
1995	13	102.8	103.8	100.9	102.4	101.1	97.8	86.1	102.6
101.1									
1996	23	102.4	103.9	100.7	102.4	100.7	97.0	87.0	102.4
100.7									
1997	31	102.4	104.3	101.1	102.8	101.0	97.4	87.0	102.7
101.1									
1998	27	102.6	104.0	100.9	102.5	101.1	97.2	85.3	102.6
100.9									
1999	32	102.5	103.7	100.8	102.1	100.9	97.2	86.0	102.4
100.8									
2000	31	102.2	103.7	100.5	102.1	100.6	97.4	86.1	102.2
100.6									
2001	27	102.8	103.0	100.6	101.5	100.9	97.6	85.8	102.0
100.6									
2002	21	102.0	103.7	100.2	101.7	100.5	97.5	86.8	102.0
100.4									
2003	39	102.8	103.4	101.1	102.2	101.2	97.7	87.3	102.5
101.0									
2004	39	103.1	103.2	101.0	102.0	101.2	97.8	86.8	102.3
100.9									
2005	32	102.9	103.3	101.0	102.0	101.2	97.5	86.1	102.4
101.0									
2006	29	103.2	104.4	102.1	103.3	102.1	97.4	87.1	103.7
101.9									
2007	29	103.6	103.9	101.9	103.1	102.2	96.7	87.2	103.2
101.6									
2008	29	101.5	104.9	101.2	103.0	100.7	96.4	88.8	103.3
101.0									
2009	31	101.4	105.1	101.5	103.4	101.0	97.1	89.3	103.5
101.5									
2010	31	103.5	103.3	101.6	102.6	102.0	97.9	87.8	102.8
101.5									
2011	14	101.5	103.7	100.5	102.1	100.5	96.1	88.8	102.3
100.2									

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2012	17	103.8	103.4	102.2	102.8	102.3	98.1	88.0	103.2
101.9									
2013	18	102.3	103.1	101.0	102.1	101.2	97.3	88.6	102.3
100.8									
2014	14	103.1	103.4	101.9	102.6	101.7	97.7	89.0	102.9
101.6									
2015	18	103.6	102.1	101.5	101.8	102.0	97.9	90.1	102.1
101.1									
2016	15	102.3	103.5	101.7	102.5	101.5	97.4	90.7	102.8
101.3									

Tabel: 244 Montbéliard: Gebruikskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	10	97.8	91.2	97.3	98.1	101.4
1989	13	98.3	91.2	96.9	97.6	101.4
1990	10	97.9	90.3	95.9	97.1	101.4
1991	10	97.1	90.4	96.6	97.5	101.7
1992	14	98.1	90.8	96.8	97.6	101.4
1993	12	94.5	89.2	96.4	96.9	100.5
1994	15	95.0	89.6	96.0	96.9	100.2
1995	10	96.7	88.9	96.4	97.1	100.9
1996	11	96.0	88.9	96.2	97.5	100.4
1997	24	96.8	89.6	97.3	98.2	100.2
1998	19	98.4	89.6	97.2	97.5	100.6
1999	16	99.1	91.1	96.5	97.0	100.7
2002	12	98.8	89.7	97.9	97.8	100.4
2003	14	99.0	90.1	98.2	98.2	100.7
2004	10	98.4	89.5	98.7	99.1	101.0
2005	15	97.9	91.2	98.5	98.5	101.1
2006	14	98.6	90.2	97.8	98.5	101.4
2007	13	98.5	89.2	99.0	99.4	101.7
2008	13	98.9	91.5	98.1	98.8	101.2
2009	18	98.7	91.1	98.1	98.4	101.0

Tabel: 245 Montbéliard: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									

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1986	11	-167.6	-564.4	49.0	100.6	101.1	82.7	98.1	96.8
143.2									
1987	12	-159.0	-557.4	-318.0	100.3	99.9	81.3	97.2	97.8
189.2									
1988	21	-160.8	-584.0	-244.7	100.1	100.7	83.3	97.6	97.3
224.0									
1989	26	-192.7	-603.2	-282.1	99.8	101.6	81.4	96.6	97.7
195.9									
1990	24	-174.2	-585.5	-220.5	99.6	101.7	82.0	96.5	98.3
195.8									
1991	19	-196.9	-569.1	-240.2	99.9	101.2	82.2	96.8	97.4
122.9									
1992	26	-192.3	-544.8	-258.6	99.8	101.3	80.5	96.7	97.6
130.7									
1993	23	-192.2	-543.6	-294.7	98.7	101.4	80.8	97.7	96.6
125.8									
1994	28	-206.6	-507.9	-301.8	98.6	101.4	81.1	97.0	96.6
73.3									
1995	17	-180.5	-545.3	-330.0	99.3	101.1	82.0	96.2	97.2
162.2									
1996	29	-200.3	-532.0	-290.0	99.2	100.7	80.2	98.1	97.3
109.9									
1997	33	-188.7	-447.6	-337.7	99.3	101.1	81.0	98.1	98.0
64.9									
1998	28	-211.9	-491.8	-314.6	99.2	100.9	81.3	97.8	98.0
48.6									
1999	31	-212.4	-511.5	-317.7	99.0	100.8	81.8	97.8	97.4
80.8									
2000	31	-208.6	-492.0	-327.0	98.7	100.6	80.2	98.8	98.0
49.1									
2001	27	-193.2	-479.4	-324.9	99.3	100.6	81.0	97.8	96.7
67.3									
2002	21	-210.0	-436.7	-366.2	99.2	100.4	82.5	98.3	97.9
15.5									
2003	31	-180.3	-412.1	-285.5	99.6	101.0	83.6	99.6	97.7
27.1									
2004	22	-186.6	-422.4	-319.1	100.2	100.9	82.2	99.6	97.2
18.6									
2005	25	-208.1	-443.4	-376.4	100.0	101.0	82.3	98.7	98.0
-8.9									
2006	25	-182.9	-408.2	-331.3	100.2	101.9	82.7	99.1	98.0
-9.3									
2007	24	-169.8	-318.6	-323.1	100.9	101.6	80.3	98.8	97.4
-38.2									
2008	30	-168.6	-356.6	-296.0	100.2	101.0	82.2	97.9	97.3
22.6									
2009	21	-154.1	-288.5	-283.2	99.8	101.5	81.8	98.4	98.0
-22.0									

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2010 -40.5	18	-157.4	-302.8	-299.9	99.7	101.5	83.6	100.6	96.5
2011 -60.7	10	-176.4	-288.9	-308.1	100.1	100.2	81.3	99.7	96.7
2012 0.0	13	-165.3	-312.4	-303.4	99.4	101.9	0.0	0.0	97.3
2013 -27.2	15	-153.1	-268.2	-292.9	99.9	100.8	82.6	99.6	96.3
2014 121.7	12	-157.2	-339.2	-344.5	99.4	101.6	0.0	0.0	97.6
2015 102.0	16	-124.2	-188.7	-246.1	99.6	101.1	0.0	0.0	97.4
2016 0.0	13	-134.9	-208.6	-268.0	99.6	101.3	0.0	0.0	97.7

Tabel: 246 Montbéliard: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2003	11	95.5	91.1	101.5	100.6	93.5	101.5	92.2
2005	10	98.2	92.9	103.7	102.4	95.4	100.6	93.4
2007	10	96.3	91.9	102.2	101.0	93.9	100.1	92.7

Tabel: 247 Montbéliard: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	10	94.7	101.5	94.7	101.5	93.9	101.0
1988	13	95.2	101.2	95.2	101.2	94.2	101.2
1989	15	94.7	101.9	94.7	101.9	94.3	101.3
1990	14	95.5	101.9	95.5	101.9	94.5	101.5
1991	11	94.8	102.1	94.8	102.1	93.5	101.7
1992	14	94.8	101.9	94.8	101.9	94.4	101.2
1993	15	94.5	101.2	94.5	101.2	92.5	101.9
1994	20	94.0	101.5	94.0	101.5	92.8	101.7
1996	14	95.1	101.4	95.1	101.4	94.1	101.6
1997	28	94.8	102.3	94.8	102.3	94.3	103.1
1998	21	94.4	102.5	94.4	102.5	94.0	102.8
1999	24	93.7	102.4	93.7	102.4	93.2	102.0
2000	17	94.1	102.1	94.1	102.1	93.5	102.2
2001	10	93.9	101.1	93.9	101.1	92.6	101.3

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2002	13	94.4	102.8	94.4	102.8	93.8	102.2
2003	20	93.5	102.7	93.5	102.7	94.3	102.6
2004	19	94.1	102.0	94.1	102.0	94.1	102.2
2005	20	95.2	102.3	95.2	102.3	94.5	102.2
2006	21	94.0	102.5	94.0	102.5	93.9	102.5
2007	24	94.0	102.3	94.0	102.3	93.0	102.8
2008	26	94.2	102.0	94.2	102.0	93.5	101.5
2009	30	94.5	102.5	94.5	102.5	93.5	102.2
2010	33	93.4	101.5	93.4	101.5	92.9	101.8
2011	17	93.6	101.5	93.6	101.5	93.1	101.2
2012	19	94.0	101.8	94.0	101.8	93.9	102.1
2013	19	93.1	101.7	93.1	101.7	93.0	101.7
2014	17	94.6	101.9	94.6	101.9	93.6	101.2
2015	24	94.7	101.5	94.7	101.5	94.3	101.4
2016	20	94.6	102.0	94.6	102.0	94.2	101.2

Tabel: 248 Montbéliard: Geboortekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	10	89.8	112.3	113.2	109.4	93.8	91.4
1989	12	87.6	112.0	114.5	108.7	90.2	90.0
1990	11	87.4	112.5	114.9	108.9	89.5	89.6
1991	12	86.9	112.1	115.0	109.2	89.9	89.2
1992	13	88.2	112.2	114.1	107.9	92.6	91.8
1993	14	86.4	111.6	116.0	111.2	92.2	88.8
1994	18	86.7	111.7	115.6	110.8	91.7	89.1
1996	13	86.9	110.6	115.6	111.1	89.2	88.8
1997	27	87.5	111.7	115.4	112.0	88.1	86.7
1998	18	88.1	111.9	114.8	110.5	89.2	88.4
1999	18	87.2	111.3	114.9	108.0	91.5	91.6
2000	15	88.4	111.8	114.1	108.9	91.0	91.0
2001	10	87.3	111.5	115.2	109.4	89.6	89.4
2002	10	87.4	112.6	115.4	109.8	90.1	90.3
2003	20	86.5	111.4	116.3	111.1	90.7	89.7
2004	16	87.0	112.4	115.8	110.6	91.3	89.9
2005	16	88.5	112.9	114.2	109.5	92.4	91.3
2006	14	87.6	110.6	115.2	111.1	90.7	89.6
2007	16	87.2	111.9	115.4	110.9	92.0	89.2
2008	16	87.4	112.0	115.1	109.6	92.2	91.4
2009	24	87.0	112.2	115.4	110.0	92.3	90.7
2010	22	87.2	112.2	115.5	109.4	91.8	91.4
2011	14	86.9	111.4	115.4	109.0	91.6	90.9
2012	12	87.8	111.2	114.5	109.3	91.0	91.0
2013	18	88.6	111.2	113.8	108.6	92.2	90.9
2015	26	88.3	111.0	113.7	107.4	93.4	92.1

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2016 13 88.9 110.2 113.0 106.9 94.1 93.1

Tabel: 249 Montbéliard: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1986	11	104.7	121.4	99.6	105.8	114.3	104.2	101.1	96.9	117.8
103.6	106.5									
1988	14	105.7	119.5	100.4	105.0	114.1	103.6	102.8	96.5	116.4
103.9	106.6									
1989	14	107.1	120.9	99.3	105.4	116.6	102.9	103.9	95.6	118.5
102.1	108.9									
1990	13	105.9	121.5	99.9	105.3	116.1	103.9	102.5	95.4	119.2
102.5	108.6									
1991	13	105.2	121.3	100.0	105.8	114.4	104.3	101.5	96.8	117.8
103.4	107.2									
1992	14	106.4	121.3	100.2	105.9	116.1	104.0	102.9	95.9	118.7
103.1	108.5									
1993	14	103.9	121.4	100.1	106.5	113.4	105.0	100.3	95.6	118.1
103.4	107.9									
1994	20	104.7	121.8	99.0	106.6	114.2	104.7	100.9	96.5	118.5
103.0	107.7									
1995	11	104.5	121.7	99.5	106.4	114.3	104.7	100.8	96.2	118.2
103.2	107.6									
1996	15	105.3	121.9	99.7	107.0	114.1	104.6	102.1	95.6	117.7
104.0	108.2									
1997	29	104.6	121.0	99.6	106.8	112.9	104.9	101.1	96.3	117.0
103.1	108.2									
1998	21	105.0	120.9	99.3	106.4	113.7	104.0	101.5	96.8	117.0
102.5	107.8									
1999	22	105.9	120.5	99.6	106.0	115.4	103.1	102.9	95.7	117.2
102.8	107.7									
2000	22	106.0	120.8	100.0	106.2	115.0	103.8	102.7	96.5	117.5
102.9	108.4									
2001	17	105.8	120.9	100.1	106.9	113.9	105.0	102.4	96.7	117.4
104.0	108.5									
2002	13	105.9	120.0	99.8	106.9	113.2	104.2	102.7	97.2	116.1
103.8	108.2									
2003	25	105.8	120.3	100.3	106.9	113.8	104.2	102.4	97.4	116.6
103.8	108.0									
2004	28	105.4	119.9	99.5	106.4	113.1	104.3	101.7	97.6	116.3
103.2	107.6									

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2005	25	104.8	120.6	99.3	106.0	113.3	104.6	100.8	97.8	117.3
		103.2	107.5							
2006	24	105.3	118.7	100.2	105.8	113.3	104.0	102.2	97.1	115.6
		103.8	106.8							
2007	20	105.1	120.2	99.3	107.9	112.5	104.8	102.2	96.5	115.8
		104.3	107.4							
2008	25	105.6	120.1	99.2	107.9	112.6	104.6	102.3	97.0	116.0
		103.4	108.8							
2009	21	105.0	119.9	100.3	107.1	113.0	104.7	102.4	95.3	116.0
		103.6	108.3							
2010	16	105.6	118.1	100.1	107.1	112.4	103.6	103.3	96.4	114.5
		103.4	108.1							

Tabel: 250 Montbéliard: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	10	90.4	96.7	83.6
1988	10	91.3	96.7	85.2
1989	12	92.2	98.6	84.2
1990	11	93.9	99.9	85.3
1991	12	92.4	98.5	85.2
1992	13	92.5	98.8	84.6
1993	14	91.6	98.4	84.2
1994	20	91.0	97.2	84.2
1996	13	92.6	98.2	85.9
1997	28	92.9	98.5	84.9
1998	19	92.7	98.9	83.8
1999	19	94.2	99.9	86.1
2000	14	94.2	100.1	85.6
2001	10	92.7	98.9	84.4
2002	10	92.9	98.9	84.8
2003	18	93.8	99.3	87.2
2004	16	92.6	98.2	85.2
2005	18	92.2	98.1	84.8
2006	14	94.6	99.9	87.0
2007	16	90.8	98.7	82.6
2008	13	91.8	98.2	84.5
2009	18	93.7	99.6	85.3
2010	16	92.7	98.5	85.0
2011	10	92.9	99.1	85.4
2013	11	93.8	99.7	85.9

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Tabel: 251 Montbéliard: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	25	-4230.6	-14737.9	-652.0	-529.0
2002	21	-4338.2	-14777.5	-674.8	-538.1
2003	31	-3839.1	-12913.4	-596.7	-476.5
2004	21	-4029.7	-13583.7	-629.3	-498.0
2005	25	-4430.3	-15189.2	-689.4	-549.3
2006	25	-4024.7	-13593.8	-626.4	-499.0
2007	24	-3760.9	-12776.2	-583.5	-467.5
2008	29	-3711.5	-12550.8	-577.9	-460.0
2009	24	-3486.9	-11658.2	-542.1	-432.7
2010	18	-3581.2	-11984.0	-561.2	-441.3
2011	10	-3591.9	-12285.4	-559.3	-445.1
2012	13	-3621.8	-12218.8	-564.8	-448.2
2013	15	-3433.7	-11392.1	-540.9	-421.1
2014	11	-3923.1	-13256.1	-611.7	-485.5
2015	16	-2901.9	-9265.4	-456.9	-356.1
2016	13	-3104.2	-10073.4	-493.0	-377.9

Tabel: 252 Montbéliard: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	Eff	Int	Gewen	AMS
1992	12	94.2	93.9	99.2	90.3
1993	10	92.9	92.6	99.1	87.9
1994	15	93.5	92.9	99.1	88.9
1996	11	94.5	93.4	99.7	90.4
1997	25	93.9	94.1	99.1	90.0
1998	16	94.1	93.8	98.9	89.9
1999	13	96.9	95.5	98.2	92.8
2000	11	96.2	94.2	98.0	91.1
2003	17	95.1	95.5	98.8	92.0
2004	14	93.4	94.3	99.4	90.1
2005	12	93.7	94.1	97.6	88.9
2006	13	94.5	96.2	99.0	91.9
2007	13	93.0	95.9	98.8	90.8
2009	19	95.3	96.2	98.0	92.1
2010	10	95.4	97.0	98.0	92.4

Tabel: 253 Montbéliard: Overige productie en efficiency kenm.

[Auteur]

Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1986	11	99.1	98.5	11	-4.7	143.2	0	0.0
1987	12	97.4	98.6	12	-5.2	189.2	0	0.0
1988	21	98.0	98.6	18	-5.7	224.0	0	0.0
1989	26	96.8	98.6	20	-5.5	195.9	0	0.0
1990	24	97.1	98.3	18	-5.4	195.8	0	0.0
1991	19	98.4	98.6	15	-4.5	122.9	0	0.0
1992	26	97.6	97.6	20	-4.4	130.7	0	0.0
1993	23	97.5	98.1	19	-4.5	125.8	0	0.0
1994	28	97.4	97.6	18	-3.6	73.3	0	0.0
1995	17	98.2	98.4	13	-4.8	162.2	0	0.0
1996	29	98.0	98.4	19	-4.0	109.9	0	0.0
1997	33	98.5	98.6	26	-3.2	64.9	0	0.0
1998	28	98.1	99.0	21	-3.2	48.6	0	0.0
1999	31	97.6	98.0	20	-3.6	80.8	0	0.0
2000	31	98.6	98.6	17	-3.2	49.1	0	0.0
2001	27	99.0	98.5	15	-3.2	67.3	8	104.2
2002	21	99.7	98.4	11	-2.6	15.5	11	104.4
2003	31	100.5	98.7	19	-2.5	27.1	13	105.7
2004	22	99.1	98.5	11	-2.4	18.6	8	106.4
2005	25	98.8	97.3	15	-2.2	-8.9	15	105.6
2006	25	98.0	98.6	14	-1.7	-9.3	14	105.0
2007	24	99.5	97.5	12	-1.4	-38.2	12	106.5
2008	30	99.7	98.8	17	-2.4	22.6	13	105.3
2009	21	100.1	98.0	17	-1.4	-22.0	17	105.8
2010	18	99.2	98.4	8	-0.8	-40.5	7	108.0
2011	10	99.4	97.0	3	-0.7	-60.7	3	109.0
2012	13	100.2	96.8	0	0.0	0.0	0	0.0
2013	15	99.0	97.4	6	-0.9	-27.2	5	106.8
2014	12	99.5	96.8	3	-3.2	121.7	0	0.0
2015	16	100.0	95.4	1	-2.5	102.0	0	0.0
2016	13	99.4	95.2	0	0.0	0.0	0	0.0

Tabel: 254 Montbéliard: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	10	100.0	0	0.0	0	0.0	10	99.2
1988	10	100.0	0	0.0	0	0.0	10	100.3
1989	11	100.0	0	0.0	0	0.0	11	99.6
1990	12	100.0	0	0.0	0	0.0	12	99.5
1991	11	100.0	0	0.0	0	0.0	11	100.2

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1992	14	100.0	0	0.0	0	0.0	14	99.6
1993	13	100.0	0	0.0	1	100.0	13	99.2
1994	20	100.1	1	103.0	1	99.0	20	99.4
1996	16	100.0	0	0.0	0	0.0	16	99.5
1997	27	100.0	1	103.0	1	97.0	27	100.6
1998	20	100.1	1	102.0	1	102.0	20	100.0
1999	19	100.0	0	0.0	0	0.0	19	100.1
2000	15	100.0	0	0.0	2	99.5	15	100.1
2001	11	100.0	0	0.0	0	0.0	11	100.5
2002	12	100.3	2	102.5	2	100.0	12	100.3
2003	23	100.0	0	0.0	2	99.5	23	100.3
2004	19	100.0	0	0.0	2	101.0	19	100.5
2005	15	100.0	0	0.0	0	0.0	15	99.1
2006	19	100.2	1	103.0	2	101.0	19	100.9
2007	16	100.4	4	102.2	5	97.4	16	102.1
2008	18	100.0	0	0.0	0	0.0	18	100.9
2009	21	100.2	2	103.5	2	99.0	21	100.7
2010	18	100.3	2	103.0	3	100.3	18	99.9
2011	10	100.1	0	0.0	1	98.0	10	100.9
2012	13	100.2	0	0.0	0	0.0	13	100.7
2013	14	100.0	0	0.0	0	0.0	14	100.9
2014	10	99.9	0	0.0	0	0.0	10	100.7
2015	16	99.9	0	0.0	0	0.0	16	99.8
2016	12	100.0	0	0.0	0	0.0	12	99.2

Tabel: 255 Montbéliard: Reproductiestoornissen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1997	19	103.4	100.9	103.5	101.4	105.5	102.1
1998	14	103.7	101.1	104.4	101.8	105.4	101.9
1999	11	103.6	100.6	104.3	102.0	105.5	101.9
2003	11	104.1	101.3	104.7	102.1	105.7	101.8
2009	10	102.8	100.0	103.3	101.1	105.1	101.8

Tabel: 256 Piemontese: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									

[Auteur]

2005	10	94.2	101.0	94.2	95.9	92.4	90.0	77.2	97.0
93.2									
2007	11	95.7	100.8	95.4	96.5	93.6	92.2	78.2	97.5
94.5									

Tabel: 257 Piemontese: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2021	10	80.9	114.8	116.6	107.4	95.4	90.7

Tabel: 258 Blonde d'Aquitaine: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
1980	22	95.7	97.8	92.0	93.0	91.8	80.5	51.6	94.0
89.3									
1984	16	95.9	96.9	91.8	92.5	91.8	81.1	52.1	93.2
89.1									
1985	17	97.2	97.0	92.8	93.0	92.8	82.1	50.5	93.8
90.1									
1986	23	96.8	96.9	92.6	92.8	92.5	82.0	51.6	93.7
90.0									
1987	41	95.6	97.0	91.6	92.3	91.4	81.0	53.0	93.3
88.9									
1988	34	96.8	96.3	92.1	92.3	92.2	82.4	52.4	93.2
89.6									
1989	40	95.7	97.1	91.4	92.5	91.4	81.0	52.6	93.3
88.9									
1990	52	96.7	96.7	92.5	92.8	92.5	82.9	54.9	93.7
90.1									
1991	43	96.7	96.5	92.2	92.4	92.3	82.5	53.9	93.4
89.7									
1992	73	96.6	96.6	92.1	92.5	92.2	81.7	52.4	93.4
89.5									
1993	62	96.1	96.5	91.9	92.3	91.8	81.6	54.1	93.2
89.2									

[Auteur]

1994 89.7	66	96.1	97.0	92.2	92.6	91.9	82.0	55.3	93.7
1995 89.9	99	96.3	97.1	92.5	93.0	92.2	82.0	55.1	93.9
1996 90.0	110	95.9	97.7	92.6	93.2	92.1	82.2	56.3	94.3
1997 89.9	110	96.3	97.1	92.4	93.0	92.3	82.4	55.9	93.9
1998 89.7	131	95.9	97.4	92.3	93.0	91.9	81.9	55.7	93.9
1999 89.6	130	96.2	97.1	92.3	92.8	92.0	82.0	54.8	93.8
2000 89.7	168	96.2	97.1	92.3	92.9	92.2	82.1	54.7	93.8
2001 89.7	126	96.3	97.1	92.2	92.8	92.1	82.0	54.2	93.7
2002 89.9	150	96.4	97.1	92.5	93.0	92.3	82.3	54.7	93.9
2003 89.7	165	96.5	96.8	92.2	92.7	92.2	82.2	53.9	93.5
2004 89.9	129	96.7	96.9	92.4	92.9	92.5	82.6	54.5	93.7
2005 89.7	125	96.5	96.7	92.1	92.7	92.2	82.4	54.0	93.5
2006 89.8	159	96.6	96.9	92.3	92.8	92.3	82.3	53.5	93.7
2007 89.9	180	97.0	96.5	92.3	92.7	92.6	82.6	53.5	93.5
2008 89.6	155	96.7	96.4	92.0	92.5	92.3	82.3	53.1	93.2
2009 89.7	130	96.9	96.4	92.1	92.6	92.5	82.4	53.4	93.3
2010 89.7	96	96.9	96.4	92.2	92.5	92.5	82.5	53.6	93.4
2011 89.6	119	96.7	96.4	92.0	92.5	92.3	82.3	53.2	93.3
2012 89.9	117	96.7	96.8	92.3	92.8	92.5	82.2	53.1	93.6
2013 89.5	140	96.5	96.5	92.0	92.6	92.3	82.0	53.5	93.2
2014 89.9	143	96.7	96.6	92.3	92.7	92.5	82.6	54.0	93.5
2015 89.9	159	96.6	96.8	92.3	92.8	92.5	82.6	54.6	93.6
2016 89.6	149	96.6	96.5	92.1	92.6	92.3	82.3	54.2	93.3
2017 89.7	131	96.9	96.3	92.1	92.5	92.4	82.6	54.5	93.3
2018 89.8	121	97.0	96.1	92.1	92.4	92.5	82.9	54.5	93.1

[Auteur]

2019	87	97.2	95.9	92.2	92.3	92.7	83.3	55.2	93.1
89.9									
2020	37	97.3	95.6	91.8	92.0	92.4	82.5	53.4	92.8
89.4									

Tabel: 259 Blonde d'Aquitaine: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	70.5	120.7	133.4	0.0	0.0	0.0
1987	11	66.9	122.8	136.3	129.0	94.0	83.0
1989	17	68.8	122.2	135.0	126.5	94.5	81.0
1990	16	68.2	121.4	135.1	129.0	92.0	79.3
1991	13	65.9	121.5	136.8	127.0	93.0	81.0
1992	21	69.7	122.3	133.8	128.2	91.0	77.8
1993	21	69.7	121.3	134.0	128.6	92.2	79.3
1994	20	69.3	122.2	134.2	125.0	93.0	79.0
1995	21	68.5	121.4	135.0	128.5	94.2	82.2
1996	10	71.4	119.8	132.5	128.2	93.2	79.8
1997	27	70.0	121.9	133.5	128.1	93.6	80.7
1998	23	69.3	122.3	134.5	129.1	92.6	79.7
1999	31	69.3	121.5	134.2	128.0	92.6	80.4
2000	46	69.8	122.0	133.9	127.8	93.9	81.2
2001	28	70.1	121.5	133.5	128.3	93.1	80.6
2002	27	71.1	121.3	132.6	128.6	93.8	80.4
2003	48	71.3	121.3	132.6	128.9	93.1	79.3
2004	25	70.4	120.6	133.3	128.6	92.9	78.7
2005	45	70.0	121.7	133.8	129.1	93.9	80.3
2006	63	70.4	121.3	133.3	129.1	94.2	80.4
2007	82	69.8	121.7	133.9	128.4	93.4	80.1
2008	79	69.6	122.2	133.9	127.8	93.6	80.8
2009	92	70.8	120.5	132.8	128.1	92.7	79.7
2010	84	70.2	120.8	133.2	128.0	92.6	79.1
2011	86	70.6	120.7	132.9	128.0	91.8	78.7
2012	76	70.6	120.1	133.2	128.2	91.9	79.4
2013	91	71.0	120.7	132.7	128.2	92.6	79.4
2014	86	71.2	120.4	132.7	128.6	91.4	79.4
2015	97	71.5	120.7	132.5	128.7	91.3	79.0
2016	84	71.0	121.4	132.8	128.3	92.4	79.7
2017	77	70.8	120.2	132.9	128.3	92.1	79.6
2018	93	71.7	121.0	132.2	128.7	92.5	79.2
2019	79	71.3	121.4	132.6	129.2	92.7	79.0
2020	56	70.1	121.3	133.4	127.9	92.9	79.4
2021	59	71.2	120.8	132.8	129.4	92.2	79.0
2022	23	70.5	120.3	133.2	130.0	91.6	78.6

[Auteur]

2023            39        71.0    119.4    132.8    130.8    92.0    80.0

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Tabel: 260 Blonde d'Aquitaine: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

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Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st
Ve_st	Gr_st									
1980	10	117.5	149.9	106.6	131.9	131.9	115.5	107.5	102.3	132.0
		119.3	123.1							
1989	12	117.4	148.8	107.5	134.0	129.5	117.7	107.9	102.3	131.2
		120.5	125.8							
1990	15	117.4	150.1	105.9	134.1	129.3	115.8	108.1	102.2	131.2
		119.0	125.1							
1991	18	115.9	148.9	105.1	133.9	127.8	116.1	107.1	101.8	129.8
		118.4	123.4							
1992	24	117.2	149.0	107.4	132.6	129.5	116.2	107.8	101.8	131.3
		119.6	124.6							
1993	21	116.7	148.3	106.7	134.2	127.4	117.0	107.7	102.0	129.6
		120.2	124.8							
1994	15	116.1	149.5	106.2	134.1	127.7	116.3	107.3	101.3	129.9
		119.3	124.2							
1995	21	116.0	148.7	106.2	134.1	127.2	117.1	107.2	101.0	130.2
		119.8	124.7							
1996	15	115.9	147.3	105.3	133.7	126.6	116.6	107.1	101.3	129.6
		118.6	124.6							
1997	30	116.1	148.3	106.4	132.3	128.6	115.9	107.1	101.3	130.7
		118.6	123.3							
1998	25	116.8	149.6	105.2	135.6	128.3	116.7	107.8	101.5	130.1
		119.4	125.3							
1999	21	116.8	149.8	106.6	133.7	129.2	116.9	107.1	101.7	131.7
		119.9	123.9							
2000	46	115.8	148.7	105.3	133.9	127.5	116.4	107.0	101.2	130.2
		118.7	123.7							
2001	30	116.9	148.8	105.2	135.7	127.4	116.9	108.3	101.9	129.4
		119.5	125.5							
2002	46	115.7	147.2	106.0	133.3	126.8	116.7	107.0	101.5	129.5
		118.9	124.0							
2003	47	116.2	147.9	105.5	133.8	127.5	116.1	107.5	101.7	129.8
		118.5	124.3							
2004	41	116.8	147.5	105.2	134.3	127.2	115.9	108.2	101.9	129.1
		118.2	125.1							
2005	52	116.6	147.8	105.7	134.9	127.1	116.5	108.1	101.5	129.2
		118.9	125.5							

[Auteur]

2006	74	116.0	146.9	106.1	133.3	126.8	116.2	107.5	101.4	128.8
		118.4	124.7							
2007	84	116.0	146.8	106.1	133.6	126.5	116.4	107.6	101.5	128.8
		118.4	125.0							
2008	79	117.1	148.4	105.2	135.5	127.2	116.4	108.5	101.7	130.1
		118.4	126.7							
2009	71	116.4	147.1	104.6	135.5	125.4	116.3	108.4	101.4	128.4
		118.0	126.2							
2010	54	115.6	147.7	105.7	135.2	125.2	116.7	107.6	101.1	128.6
		118.7	125.4							
2011	68	116.2	148.8	106.0	135.8	125.9	117.0	107.8	101.3	129.5
		119.0	126.1							
2012	53	114.8	146.6	106.3	133.1	125.5	116.8	106.4	101.1	128.5
		118.9	123.5							
2013	63	115.7	147.4	106.0	134.2	126.1	116.7	107.4	101.2	129.3
		118.7	125.0							
2014	34	115.3	146.4	106.4	133.1	125.6	116.9	106.9	101.3	128.7
		118.9	124.3							
2015	23	115.6	145.9	106.4	133.7	125.0	116.7	107.6	101.1	128.3
		118.6	125.5							
2016	17	115.5	144.8	107.7	131.1	125.9	116.5	107.2	101.3	128.5
		118.7	124.4							

Tabel: 261 Normande: Melkproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	12	-2359.0	-94.8	-80.7	-106.3	18.7	7.4	1.8	-631.2
2000	12	-1966.2	-80.8	-67.3	-88.5	11.8	5.3	1.7	-532.0
2004	22	-2359.9	-91.3	-79.4	-75.0	25.1	9.6	56.2	-615.0
2005	11	-2148.6	-86.2	-71.9	-80.5	16.6	8.8	28.6	-567.9
2006	12	-2482.9	-100.3	-81.5	-85.9	18.9	13.7	47.8	-651.5
2007	31	-2171.7	-86.1	-74.1	-79.5	19.1	6.7	33.0	-577.1
2008	18	-2193.4	-87.0	-74.2	-84.1	19.8	8.8	27.8	-580.0
2010	13	-2063.1	-85.4	-71.9	-83.7	11.3	3.5	16.6	-565.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 262 Normande: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

[Auteur]

Jaar Vru	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
1995 100.7	12	101.6	103.7	100.6	102.6	100.4	97.5	82.8	102.2
2004 100.5	22	102.1	103.2	100.7	102.3	100.4	97.1	82.5	102.1
2006 100.7	13	102.5	103.0	100.8	102.3	100.5	97.5	82.9	102.2
2007 101.1	30	102.8	103.3	101.4	102.8	101.1	98.1	83.3	102.5
2008 99.5	16	100.6	103.1	99.6	101.4	99.1	96.7	83.5	101.4

Tabel: 263 Normande: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995 167.2	12	-196.7	-631.2	0.0	94.5	100.7	83.3	92.3	97.5
2000 201.1	12	-165.4	-532.0	-414.7	94.9	100.8	83.0	93.0	0.0
2004 107.8	22	-235.4	-615.0	-762.7	97.2	100.5	0.0	0.0	0.0
2005 138.5	11	-201.8	-567.9	-564.9	95.7	100.6	0.0	0.0	0.0
2006 114.3	12	-249.8	-651.5	-753.5	96.5	100.7	0.0	0.0	0.0
2007 128.2	31	-213.8	-577.1	-615.1	95.6	101.1	85.0	92.5	97.0
2008 128.4	18	-222.7	-580.0	-614.9	96.2	99.5	86.0	94.0	97.4
2010 155.2	13	-173.1	-565.5	-334.1	95.7	101.1	0.0	0.0	98.0

Tabel: 264 Normande: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

[Auteur]

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-6725.3	-24102.6	-1026.7	-847.8
2006	12	-6773.8	-24239.7	-1040.1	-849.7
2007	28	-5962.9	-21353.0	-911.1	-751.0
2008	17	-5935.8	-21213.9	-906.8	-747.8

Tabel: 265 Normande: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1995	12	99.4	96.1	12	-5.5	167.2	0	0.0
2000	12	100.2	96.4	12	-5.2	201.1	0	0.0
2004	22	101.3	97.1	22	-4.5	107.8	0	0.0
2005	11	101.7	96.5	11	-4.7	138.5	0	0.0
2006	12	99.1	95.9	12	-4.9	114.3	0	0.0
2007	31	101.5	96.7	31	-4.6	128.2	2	96.0
2008	18	100.4	95.5	18	-4.6	128.4	1	91.0
2010	13	100.5	96.8	13	-4.9	155.2	0	0.0

Tabel: 266 Normande: Stofwisselingsaandoeningen  
Basis: Melkdoel rood  
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2007	14	100.0	0	0.0	0	0.0	14	99.2
2008	12	100.0	0	0.0	0	0.0	12	99.4
2010	12	100.0	0	0.0	0	0.0	12	99.9

Tabel: 267 KRB: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2013	31	-251.5	-9.2	-17.5	-6.6	3.9	-12.9	8.1	-102.7
2014	35	-153.3	-8.9	-14.7	-1.9	-2.6	-13.5	8.6	-90.2
2015	38	-225.9	-11.6	-15.7	-3.8	-1.7	-11.1	10.7	-102.5
2016	57	-159.0	-10.8	-14.2	2.7	-5.3	-12.4	16.1	-93.6
2017	79	-169.4	-9.5	-14.2	-0.3	-2.6	-12.1	12.2	-89.4

[Auteur]



2018	58	-178.6	-9.8	-14.0	0.4	-2.5	-11.1	13.9	-89.9
2019	58	-256.2	-10.5	-13.8	-3.8	1.8	-6.7	12.9	-90.6
2020	80	-246.6	-10.9	-13.4	-2.6	0.7	-6.5	14.2	-90.3
2021	65	-77.5	-6.3	-10.0	7.9	-3.6	-10.1	18.2	-61.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 268 KRB: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	DO
Vru									
2013	32	97.8	99.4	97.5	98.2	98.2	98.5	94.8	98.2
98.1									
2014	35	98.0	99.3	97.6	98.3	98.4	98.7	94.9	98.1
98.2									
2015	33	98.5	99.2	98.0	98.5	98.9	98.8	94.6	98.4
98.4									
2016	38	98.2	100.2	98.2	99.2	98.9	98.9	94.2	99.1
98.9									
2017	49	98.4	98.7	97.6	98.0	98.7	98.8	94.2	98.0
98.2									
2018	39	98.4	99.7	98.2	98.9	99.0	98.8	94.4	98.7
98.7									
2019	41	98.5	99.4	98.1	98.6	99.0	98.9	94.7	98.4
98.6									
2020	44	99.0	99.0	98.1	98.4	99.2	99.0	94.3	98.2
98.6									
2021	11	98.3	100.2	98.5	99.1	99.0	98.9	94.8	99.1
98.8									

Tabel: 269 KRB: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
BVK									
2013	31	-74.5	-102.7	-164.9	96.7	98.1	0.0	0.0	98.0
23.4									

[Auteur]

2014	35	-68.5	-90.2	-198.7	97.3	98.2	0.0	0.0	98.0
18.4									
2015	38	-67.9	-102.5	-205.4	97.8	98.4	0.0	0.0	98.0
22.0									
2016	57	-54.0	-93.6	-169.5	98.8	98.9	0.0	0.0	98.0
22.4									
2017	79	-61.1	-89.4	-172.7	97.7	98.2	0.0	0.0	98.0
21.6									
2018	58	-55.9	-89.9	-140.2	98.0	98.7	0.0	0.0	98.1
22.9									
2019	58	-61.5	-90.6	-201.0	98.0	98.6	0.0	0.0	98.5
21.3									
2020	80	-59.6	-90.3	-169.8	97.7	98.6	0.0	0.0	98.4
23.2									
2021	65	-47.9	-61.9	-146.3	97.5	98.8	0.0	0.0	98.3
21.8									

Tabel: 270 KRB: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2020	11	101.0	98.5	101.0	98.5	98.5	99.5
2021	14	100.6	97.7	100.6	97.7	98.4	99.0
2023	18	100.6	97.7	100.6	97.7	98.5	99.0

Tabel: 271 KRB: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2017	34	83.6	103.5	118.4	0.0	0.0	0.0
2018	28	84.0	103.5	118.2	0.0	0.0	0.0
2019	15	83.1	103.9	118.7	0.0	0.0	0.0
2021	12	83.7	103.2	118.6	0.0	0.0	0.0

Tabel: 272 KRB: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
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2013	30	-2061.2	-7317.2	-291.0	-276.3
2014	35	-2235.4	-7782.6	-324.3	-293.6
2015	38	-2332.6	-8192.2	-341.0	-304.6
2016	57	-2014.7	-6923.8	-292.9	-264.2
2017	78	-2084.0	-7313.6	-302.4	-273.7
2018	58	-1848.4	-6477.9	-266.1	-244.2
2019	58	-2255.0	-8186.3	-331.6	-293.0
2020	78	-2061.4	-7449.0	-303.1	-268.0
2021	63	-1801.0	-6313.8	-261.8	-236.2

Tabel: 273 KRB: Overige productie en efficiency kenm.  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2013	31	96.1	95.1	31	-0.7	23.4	0	0.0
2014	35	96.3	94.9	35	-0.5	18.4	0	0.0
2015	38	96.7	94.0	38	-0.7	22.0	0	0.0
2016	57	96.9	95.8	57	-0.6	22.4	0	0.0
2017	79	96.5	94.2	79	-0.6	21.6	0	0.0
2018	58	96.2	94.9	58	-0.6	22.9	0	0.0
2019	58	95.8	94.9	58	-0.6	21.3	0	0.0
2020	80	96.3	95.5	80	-0.6	23.2	0	0.0
2021	65	95.5	95.4	65	-0.4	21.8	0	0.0

Tabel: 274 KRB: Stofwisselingsaandoeningen  
 Basis: Dubbeloel  
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2008	11	99.6	0	0.0	0	0.0	11	94.4
2009	18	99.7	0	0.0	0	0.0	18	95.3
2010	26	99.7	0	0.0	0	0.0	26	94.5
2012	31	99.7	0	0.0	0	0.0	31	95.1
2013	46	99.6	0	0.0	0	0.0	46	94.0
2014	59	99.7	0	0.0	0	0.0	59	94.6
2015	39	99.6	0	0.0	0	0.0	39	94.1
2016	57	99.5	0	0.0	0	0.0	57	94.6
2017	79	99.6	0	0.0	0	0.0	79	94.1
2018	58	99.5	0	0.0	0	0.0	58	93.8
2019	55	99.8	0	0.0	0	0.0	55	95.1
2020	77	99.6	0	0.0	0	0.0	77	94.4
2021	58	99.6	0	0.0	0	0.0	58	94.3

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