

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont

April 2019

Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext							
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T							
Melkdoel Zwart					Productie												€					€					Functioneel					Exterieur								
					pnt																																			
Sam NL 755898903	Cogent Supershot	Supersire	Super	Nat	87	+341	+11	276	93	+2162	-0,48	-0,14	+0,09	+40	+60	+109	+363	-7	-27	76	+1025	109	103	105	102	106	96	103	94	105	107	107	103	108						
Gex US 73316308	Weigeline Jacey Tabasco	Jacey	Bookem	Nat	77	+330	+25	131	82	+2531	-0,38	-0,06	+0,03	+65	+81	+119	+504	+56	-39	62	+495	105	107	107	101	107	97	103	87	105	105	105	103	106						
ABS US 70625988	De-Su 11236 Balisto	Bookem	Watson	Nat	95	+337	+46	3547	98	+1035	+0,40	+0,37	+0,03	+83	+72	+50	+485	+41	+4	88	+896	106	102	107	105	105	104	101	99	99	99	102	111	101	106					
CRV DK 02371402624	Tirsvad Nautic	Atlantic	Bookem	Gnat Gn	83	+329	+65	337	88	+1162	-0,20	+0,05	-0,07	+30	+45	+46	+261	+81	+8	68	+643	108	108	108	103	99	99	107	93	99	99	108	110	109						
K&L US 69763386	View-Home Day Missouri	Day	Roylane Socra R	Nat	78	+322	+25	102	86	+2811	-0,69	-0,27	-0,04	+40	+67	+124	+396	+61	+40	66	+622	107	102	104	100	100	101	106	85	90	97	116	102	106						
GGL DE 0538281295	Balu	Balisto	Epic	Gnat	82	+321	+62	223	86	+1827	-0,20	-0,04	-0,02	+57	+68	+81	+423	+45	-26	67	+859	109	103	107	109	104	99	101	90	101	106	105	101	104						
Alt US 69829746	Lone-Oak-Acres Altarabo-Et	Mogul	Observer	Nat	85	+320	+31	626	90	+1477	+0,04	-0,12	+0,15	+67	+39	+83	+326	+52	+20	73	+729	109	103	103	101	101	106	105	101	91	103	104	116	107	114					
WWS US 66636657	De-Su 521 Bookem	Planet	Ramos	Nat	97	+314	+13	1936	99	+1541	-0,22	-0,02	+0,04	+43	+52	+74	+326	+17	-16	93	+924	107	105	109	101	104	94	100	99	101	104	110	104	108						
Sem CA 107559777	Swissbec Brekem	RF	Bookem	Man-O-Man	Nat	91	+314	+23	539	96	+869	+0,10	+0,16	+0,09	+47	+46	+48	+302	+25	+2	82	+764	106	107	104	102	106	101	106	95	100	104	110	105	109					
CRV NL 548848001	Delta Galore	Balisto	Gravity	Gnat Gn	81	+313	+17	299	86	+1486	-0,26	+0,14	+0,07	+37	+66	+75	+371	-40	-2	68	+839	106	102	96	104	101	90	103	91	93	103	113	109	110						
WWS US 70071611	S-S-I Mogul Reflector	Mogul	Super	Nat	83	+313	+11	86	86	+1535	-0,26	-0,04	+0,06	+38	+49	+76	+304	+22	-51	69	+867	105	104	109	98	106	107	105	88	102	105	117	107	114						
CRV NL 888659628	Delta Bookem Danno	Bookem	Bolton	Gnat	98	+310	+7	17962	99	+1372	-0,23	-0,05	+0,02	+35	+43	+65	+269	-11	-31	95	+603	107	105	108	101	100	88	106	99	101	107	107	115	113						
CRV NL 767081368	Koepon General	Daddy	Jeeves	Gnat	85	+309	+34	339	90	+1083	-0,01	-0,09	-0,01	+45	+29	+48	+228	+13	+7	72	+789	108	108	108	100	101	100	108	94	98	104	106	105	106						
CRV NL 878791136	Aurora Freeze	Bowser	O Man	Gnat	91	+308	+10	207	96	+1265	-0,12	-0,13	+0,10	+42	+57	+68	+342	+9	+59	85	+760	103	108	102	103	95	102	106	92	92	100	107	100	101						
CRV NL 755139693	Het Meer Bravo	Balisto	Bowser	Gnat	86	+305	+21	1027	89	+748	+0,24	+0,20	+0,08	+55	+45	+42	+313	-29	-16	72	+908	109	104	108	107	103	90	100	96	103	103	106	105	107						
ABS US 72851652	De-Su 12109 Battlery	Balisto	Numero Uno	Nat	79	+302	+50	84	85	+796	+0,30	+0,03	+0,00	+63	+31	+36	+270	-5	-35	68	+910	110	105	101	100	103	98	100	88	93	99	112	103	106						
CRV NL 875952040	Bouw Final	Danno	Epic	Gnat	88	+301	+51	1826	90	+1525	-0,19	-0,10	+0,15	+45	+43	+85	+296	+41	+29	74	+695	106	102	106	104	105	94	107	99	98	106	109	113	112						
CRV NL 246470564	Beerzedal Paragon	Rocky	Jeeves	Gnat Gn	79	+300	+5	124	84	+1181	+0,30	+0,06	+0,01	+80	+47	+55	+377	-9	-2	63	+817	104	102	105	101	105	96	105	89	105	107	105	106	108						
CRV NL 656814002	Delta Merbau	Balisto	Tempo	Gnat Gn	80	+300	+6	300	85	+1020	+0,00	+0,24	+0,05	+43	+59	+51	+348	-18	+19	63	+784	105	103	102	107	103	101	103	90	95	102	111	104	107						
Tot NL 880280835	Vekis Powerboss	Boss	Numero Uno	Gnat	77	+299	+55	89	84	+1077	-0,18	+0,09	+0,00	+64	+46	+49	+338	+44	+49	65	+684	105	104	104	101	102	97	103	84	97	99	113	103	107						
K&L DK 000000257379	Vh Bube Bernell	Bube	Vh Salomon	Gint	81	+299	+57	166	84	+836	-0,15	+0,03	+0,04	+21	+32	+42	+188	+0	+12	63	+618	107	108	105	105	103	100	108	89	102	101	108	112	111						
CRV BE 411506393	Delta Bulb	Edison	Mascol	Gnat	88	+298	+73	158	94	+1024	-0,31	-0,17	+0,20	+13	+19	+66	+125	+73	+27	79	+1013	111	109	106	103	101	100	104	90	102	105	103	107	107						
Tot US 72128125	Edg Rubicon	Mogul	Roylane Socra R	Nat	83	+294	+24	238	89	+860	+0,53	+0,04	+0,12	+88	+34	+51	+340	+57	+1	73	+555	108	101	109	99	102	101	101	94	102	106	112	108	112						
Sem CA 11761788	Silverbidge Endure	Dooman	Snowman	Nat	79	+294	+24	138	86	+1573	-0,18	-0,10	+0,02	+48	+45	+74	+308	+15	-18	67	+877	108	105	104	98	101	85	102	86	102	105	111	101	108						
CRV NL 946768330	Red Rocks Mason	Massey	Snowman	Gnat	88	+294	+24	196	93	+1253	-0,22	+0,02	+0,00	+31	+46	+57	+271	-15	-4	76	+865	109	102	104	104	99	98	106	93	98	106	106	105	106						
Alt US 69916619	Miller-Eff Altaeliot	Bookem	Shottle	Nat	87	+294	+16	197	90	+808	-0,01	-0,06	-0,09	+35	+22	+28	+172	+29	-26	81	+932	109	109	109	103	103	92	106	88	100	106	110	102	107						
CRV NL 656787711	L W Crescendo	Stellando Rf	Planet	Gnat	89	+293	+44	275	94	+1871	+0,08	-0,04	+0,02	+88	+61	+88	+461	+87	+40	78	+369	102	104	108	104	99	104	103	94	99	105	103	102	103						
WWS US 70625882	De-Su Distinction 11130	Shamrock	Man-O-Man	Nat	75	+293	+33	23	82	+1027	+0,29	+0,00	+0,13	+72	+36	+60	+317	-3	-25	68	+844	103	106	105	102	103	102	106	80	100	103	109	100	105						
CRV NL 716477491	Het Meer Cortez	Danno	Brilliant Cd	Gnat	81	+292	+35	141	87	+2138	-0,41	-0,06	+0,07	+46	+68	+105	+407	+21	-54	71	+552	104	104	104	103	100	92	107	90	106	108	101	107	107						
CRV NL 751519714	Apina Malcolm	RF	Stellando Rf	Gnat	92	+292	-14	256	96	+1668	-0,11	+0,05	-0,03	+60	+63	+73	+406	-1	+1	83	+375	104	101	106	101	101	100	107	94	102	105	99	113	108						
Alt NL 949033666	Westender Alaspring	Mogul	Genard	Nat	87	+292	+26	451	92	+1656	+0,03	-0,04	+0,03	+74	+54	+79	+401	+09	-13	75	+616	104	102	106	99	102	103	104	92	103	106	114	102	110						
CRV NL 548354692	Delta Regard	Chevrolet	Belfast	Gnat	87	+291	+9	642	90	+2058	-0,35	-0,17	+0,06	+50	+53	+100	+352	+13	+50	74	+552	104	100	107	99	98	105	106	96	99	102	110	108	110						
CRV NL 921967114	Bouw Finder	Balisto	Epic	Gnat Gn	80	+291	-26	213	85	+365	+0,41	+0,08	+0,06	+53	+20	+22	+200	-137	-39	63	+964	106	106	110	105	102	98	103	89	100	105	112	108	111						
ABS US 70726929	Uecker Supersire Josuper	Supersire	Beacon	Nat	82	+289	-4	198	88	+2629	-0,24	-0,15	-0,03	+84	+75	+117	+519	+17	-33	69	+628	104	100	110	100	106	100	100	89	102	105	105	98	103						
CRV NL 748138760	Delta Reporter	Skyfall	Belfast	Gnat Gn	83	+289	-16	476	87	+1005	-0,10	+0,14	+0,00	+33	+49	+46	+284	-57	+45	69	+486	103	106	104	103	94	97	109	93	103	104	106	109	109						
CRV NL 925887513	Bouw Rocky	Shamrock	Goli	Gnat	96	+287	-5	4591	98	+465	+0,14	+0,08	+0,01	+3																										

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext																										
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T																										
Melkdoel Zwart																		Productie										€										Functioneel										Exterieur											
CRV NL 925119199	Newhouse Vernal	Ajax Cd	Cricket	Gnat	89	+274	+9	188	94	+79	+55	+0,31	+0,00	+52	+30	+4	+233	+12	-3	79	+445	107	111	102	110	103	96	104	91	103	104	106	105	107																									
CRV NL 885344086	Delta Jayhawk	BY Epic	Ramos	Gnat	88	+274	-21	138	94	+784	+0,02	-0,12	-0,02	+35	+16	+34	+149	-7	-16	78	+870	110	104	106	108	102	105	111	91	104	107	110	105	110																									
GGL NL 940147494	Molenkamp Bolt	RF Bookem	Spencer	Gnat	91	+273	+26	440	95	+960	-0,10	-0,12	-0,04	+31	+45	+40	+262	+72	+8	81	+456	108	106	106	100	108	96	101	95	100	104	111	106	110																									
CRV NL 714130460	Oosterzicht Genie	Numero Uno	Atlantic	Gnat	88	+273	+28	157	93	+686	+0,28	+0,09	-0,05	+56	+32	+27	+257	+4	+41	77	+589	104	107	105	101	98	105	102	92	101	99	111	103	108																									
WWS US 71667860	Matt-Dari Mogul Payton	Mogul	Man-O-Man	Int	83	+273	+32	40	90	+991	-0,03	+0,04	+0,00	+39	+38	+45	+251	+22	-4	66	+600	109	106	104	104	105	105	102	103	73	102	104	115	101	110																								
Mas NL 538172882	Tjebbinga Foster	G-Force	Mascol	Gnat	84	+272	+40	114	90	+1192	-0,08	-0,12	-0,10	+43	+54	+64	+331	+33	+21	74	+600	105	103	98	104	97	100	104	86	97	103	106	106	106																									
STG US 3012574853	Mr Coin Draco 15006	CD Cashcoin	Roylane Socra R	Int	77	+271	+1	26	88	+1983	-0,34	-0,18	+0,00	+48	+50	+90	+333	-7	+28	63	+809	106	106	103	103	102	100	99	77	96	100	113	93	102																									
WWS US 3010975121	Oed Mccutchen Durango	RF Mccutchen	Observer	Nat	76	+269	+8	48	81	+2072	-0,43	-0,11	+0,00	+41	+60	+95	+361	+11	-17	67	+639	109	97	107	101	105	102	102	79	98	103	118	101	110																									
Gex US 70541519	Coyne-Farney Jacey Cri	Altaiota	Massey	Nat 2n	89	+269	+16	212	94	+2086	-0,53	-0,11	+0,05	+31	+61	+101	+346	+19	-15	79	+524	109	107	101	99	107	101	100	93	102	104	108	97	104																									
Alt US 72395545	T-Spruce Altajake	Welcome Supe	Observer	Nat	79	+269	+29	84	83	+1798	-0,28	-0,22	+0,01	+47	+39	+83	+284	+90	+19	62	+476	105	107	103	101	104	101	102	83	98	100	114	104	107																									
Alt US 69990180	De-Su Altastacked	Observer	Ramos	Nat 2n	85	+269	+30	70	89	+1344	-0,37	-0,16	-0,06	+20	+31	+55	+186	+28	+2	81	+910	109	107	103	102	103	104	105	83	97	102	107	101	104																									
CRV NL 757448553	Delta Natural	Packman	Super	Gnat	86	+268	-3	114	92	+1610	-0,04	+0,09	+0,06	+64	+66	+80	+429	+2	+34	76	+359	105	103	104	101	102	97	103	88	103	103	103	99	102																									
WWS US 3123886035	S-S-I Montross Jedi	Montross	Supersire	Nat	77	+268	+32	102	81	+2043	-0,40	-0,02	+0,16	+44	+69	+111	+409	###	-30	63	+691	106	103	106	103	109	103	98	85	100	104	114	94	105																									
Mas US 3012643773	Mr Sunvive Coin Sunfish	RF Cashcoin	Snowman	Gnat	80	+268	+18	76	87	+2011	-0,24	-0,10	+0,03	+60	+59	+95	+396	+26	-6	69	+791	106	101	99	104	101	93	101	87	98	102	109	99	104																									
CRV NL 734247278	Jhs Paradise	Snowman	Shottle	Gnat 2n	92	+267	+16	254	96	+2315	-0,43	-0,30	+0,05	+51	+47	+111	+333	+23	+19	83	+541	104	101	102	102	101	99	108	94	103	106	108	106	109																									
CRV NL 757608304	Delta Madiba	Casino	Belfast	Gnat	86	+267	+4	168	91	+1063	-0,12	-0,02	+0,02	+57	+35	+50	+278	+13	+23	75	+511	102	105	100	108	106	104	106	91	96	104	109	110	109																									
WWS US 68977120	Lady-Manor Pl Shamrock	Planet	Shottle	Nat	95	+267	+0	443	98	+1380	-0,21	-0,30	+0,08	+37	+18	+71	+173	-2	+28	91	+1036	103	107	106	103	103	105	106	97	100	101	107	103	105																									
CRV NL 842955270	Bacchus Elicanto	Picanto	Bookem	Gnat	78	+266	+57	82	84	+1650	-0,18	-0,13	+0,14	+51	+44	+90	+315	+31	-5	65	+487	107	103	103	108	102	96	102	85	99	103	114	104	110																									
GGL DK 03372306362	Baltikum	Balisto	Snowman	Gnat	84	+265	+7	199	87	+1264	+0,25	+0,12	+0,02	+79	+56	+60	+414	-14	-45	77	+631	106	102	104	102	104	93	99	94	102	102	108	100	105																									
WWS US 71813425	De-Su Penley 11839	Platinum	Shamrock	Nat	80	+265	+40	147	87	+1131	-0,07	-0,05	-0,02	+41	+34	+50	+241	+57	-29	69	+828	109	105	101	104	107	90	103	91	102	105	112	101	108																									
ABS US 71813206	De-Su 11620 Nirvana	Mogul	Planet	Nat	89	+264	-4	947	93	+1675	-0,10	+0,05	+0,04	+61	+64	+81	+415	+31	+4	80	+563	103	99	106	99	107	101	97	94	103	105	111	106	111																									
Alt US 69473966	De-Su Altamelhor	Shot Al	O Man	Nat	87	+264	+0	274	90	+1208	+0,08	+0,01	+0,03	+59	+43	+58	+318	+29	-28	80	+705	107	104	93	103	101	98	106	89	102	104	110	102	108																									
CRV NL 672633339	Huante Holstein Armada	RF CD Balisto	Mr Savage	Gnat Gn	78	+264	+37	69	84	+397	+0,45	+0,25	+0,04	+58	+37	+22	+280	+9	+5	67	+731	108	104	106	107	99	105	103	87	92	96	106	100	100																									
Sam NL 740466834	Big Malki	Maik	Joryn	Gnat	97	+264	+13	3928	99	+1147	-0,08	-0,04	-0,13	+41	+36	+39	+245	+37	-6	91	+894	105	98	100	101	94	88	110	99	99	106	110	111	112																									
WWS US 71913155	De-Su Ss Honeybee 11569	Supersire	Bookem	Nat	81	+263	+21	107	84	+1303	-0,05	-0,10	+0,03	+50	+35	+62	+267	+6	-26	67	+807	107	104	108	101	104	103	102	85	103	106	109	101	107																									
Sem CA 11703311	Silverridge V Wickham	Mogul	Snowman	Nat	88	+262	+44	450	92	+1794	-0,10	-0,25	+0,05	+66	+36	+87	+312	+48	-18	75	+687	105	101	107	101	107	104	103	94	101	104	114	103	110																									
ABS US 70626243	De-Su 11491 Foster-Tw	Mogul	Ramos	Nat	80	+261	+13	149	87	+1073	-0,03	-0,01	+0,06	+43	+36	+55	+254	+6	-17	69	+684	105	107	105	104	105	105	102	83	106	105	109	103	109																									
CRV NL 767662163	Peelscheve Magnus	Maik	Snowman	Gnat	86	+261	-10	215	91	+1010	-0,18	+0,01	-0,13	+25	+36	+33	+210	-41	-21	75	+885	109	99	99	105	95	90	109	93	94	102	111	109	109																									
CRV NL 763710110	Delta Chestnut	Chevrolet	Snowman	Gnat	84	+260	-11	162	89	+2277	-0,34	-0,27	+0,11	+59	+49	+116	+360	-9	-22	73	+488	108	96	103	101	102	102	104	91	100	103	110	107	109																									
GGL DE 0538393143	Board Et	Boss	Epic	Gint	78	+260	-38	53	83	+1386	-0,13	-0,06	+0,06	+46	+42	+69	+290	-37	-24	65	+724	107	102	108	101	106	97	103	85	106	105	107	103	108																									
GGL DE 0355165348	Bube Et	Beacon	Jeeves	Gnat 2n	88	+260	+6	151	94	+1742	-0,44	-0,25	+0,03	+28	+34	+83	+223	+22	+26	77	+598	103	103	105	102	106	104	105	93	105	101	104	115	112																									
GGL DK 03372306258	Cinema	Chevrolet	Snowman	Gnat	77	+259	-6	34	82	+2857	-0,41	-0,33	+0,02	+74	+61	+133	+445	-46	+11	66	+720	106	93	104	98	101	96	105	90	99	103	105	102	104																									
Mas NL 919137806	Vendairy Lendary	Let It Snow	Bookem	Gint	79	+259	+67	32	81	+1636	-0,07	+0,00	-0,01	+62	+57	+76	+387	+43	-34	66	+653	103	100	101	96	101	99	101	82	104	104	111	106	111																									
Alt NL 887143113	Champion Altabooked	Bookem	Man-O-Man	Nat	89	+259	+25	345	95	+1504	+0,01	+0,01	+0,06	+65	+53	+75	+376	+7	+60	79	+732	100	101	104	98	101	101	99	87	96	99	110	102	105																									
K&L US 69981344	Seagull-Bay Sargeant	Badger-Bluff F	Planet	Nat	88	+259	+34	257	94	+2738	-0,62	-0,34	+0,08	+45	+56	+134	+364	+60	-21	78	+719	103	102	99	97	104	103	106	93	102	108	109	101	107																									
Alt US 70344827	Synergy Altapilsner	Jives	Planet	Nat	94	+258	+0	923	98	+744	+0,35	+0,24	+0,04	+65	+49	+38	+349	+2	+15	87	+560	106	102	108	101	96	92	105	93	106	104	99	101	102																									
CRV NL 921320494	Newhouse Jaco	BY Chevrolet	Cricket	Gnat	84	+258	-11	180	89	+531	+0,44	+0,05	+0,01	+64	+23	+25	+236	+45	-33	73	+639	106	104	105	105																																		

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*Ivd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIDubbeldoel = 0,35*Inet +0,09*Ivd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		Productie										Functioneel									
																		€										€									
Alt DE 0355936976	Rr Altamopan	Mogul	Super	Nat	83	+249	-1	317	90	+1482	-0,07	-0,23	+0,14	+56	+28	+82	+257	+16	+23	73	+510	105	101	107	100	99	98	104	83	101	103	112	107	111			
CRV NL 753102213	D'n Drichock Nilson	G-Force	Boxer	Gnat	89	+249	-9	231	94	+360	+0,34	+0,28	-0,05	+46	+38	+12	+256	-22	+18	78	+522	103	104	108	105	104	97	104	94	100	102	110	105	108			
CRV NL 730406084	Broeks Saasveld	Shamrock	Man-O-Man	Gnat	88	+249	-4	147	94	+1460	-0,08	-0,23	+0,14	+54	+27	+81	+248	+13	+23	78	+603	104	104	104	104	102	98	104	90	97	102	113	103	108			
AWE NL 896898152	Southeast Delano	Snowman	Roumare	Nat	2n	79	+248	+41	95	90	+2489	-0,35	-0,31	+0,10	+66	+52	+125	+389	+19	+72	70	+660	107	97	100	98	101	98	77	95	94	107	99	101			
CRV NL 549452120	Delta Noga P	RF PO CD	Maddock P	Goldwyn	Gnat	84	+248	-5	172	89	+890	-0,03	+0,13	+0,01	+35	+44	+42	+267	+0	+3	73	+600	105	102	100	105	102	99	107	91	102	106	111	105	110		
GGI DK 02371402371	Banesto	Bookem	Xacobeo	Gnat	85	+248	+17	60	89	+1347	-0,42	-0,04	+0,07	+15	+43	+69	+229	+15	-16	83	+753	106	103	107	100	106	97	103	87	107	104	112	103	111			
Alt US 55618778	Glen-D-Haven Altahotrod	Jerod	Altaiota	Int	80	+247	+4	53	90	+2167	-0,35	-0,14	-0,01	+54	+60	+98	+389	-9	-33	60	+327	102	104	99	99	103	102	103	77	106	104	110	104	110			
ABS US 72156794	Seagull-Bay Silver	Mogul	Snowman	Nat	89	+247	+37	1216	93	+1092	-0,35	-0,02	+0,08	+81	+36	+58	+335	+74	-1	79	+438	101	100	106	99	104	110	102	99	102	106	118	107	115			
CRV NL 966676488	Plataan Fullhouse	Maik	Danillo	Gnat	81	+247	+30	120	87	+1545	-0,45	-0,06	-0,04	+19	+48	+66	+257	+32	-76	70	+601	107	106	105	102	96	94	102	87	103	108	108	104	108			
Mas DE 0356333357	Genestar	Genesis	Dorcy	Gint	73	+247	+13	34	80	+1549	-0,50	-0,06	+0,02	+14	+48	+73	+248	+34	-9	62	+771	105	104	104	101	96	101	102	79	99	103	113	101	108			
CRV NL 538041241	Delta Antidote	BY	Augustus	Shottle	Gnat	90	+247	+0	144	95	+654	+0,27	-0,01	+0,15	+53	+22	+44	+215	+73	+51	82	+239	106	105	102	95	96	103	110	91	101	102	108	107	109		
ABS US 63449626	De-Su Gillespy	Bolton	Shottle	Nat	93	+246	+34	744	97	+2917	-0,55	-0,35	+0,14	+60	+61	+149	+421	+20	+5	89	+664	108	96	102	94	106	99	100	95	106	105	106	99	105			
Sem CA 107870104	Comestar Lineman	Mogul	Man-O-Man	Nat	79	+246	+63	60	83	+1001	+0,12	+0,03	+0,11	+54	+38	+56	+286	###	+3	67	+444	105	101	105	99	102	100	101	82	100	105	122	104	115			
STG US 72128280	Mr Shot Dozer 1491	Shottle	Roylane Socra R	Nat	75	+246	-25	55	81	+1675	-0,37	-0,22	+0,05	+33	+35	+82	+237	-6	-1	65	+681	107	104	104	103	103	95	103	82	102	105	107	103	107			
Alt US 70625846	De-Su Altajackman	Snowman	Massey	Nat	2n	87	+244	+19	315	93	+1613	-0,21	-0,10	-0,02	+47	+46	+72	+309	+15	+16	76	+549	110	104	94	98	102	98	89	94	101	112	98	104			
WWS US 69990138	De-Su Bkm Mccutchen 1174	Bookem	Shottle	Nat	94	+244	+0	877	98	+1336	+0,07	-0,10	+0,05	+64	+36	+66	+302	+2	-60	88	+524	106	101	108	99	108	103	101	99	98	104	118	103	111			
Mas NL 546055407	Wedder Special Force	G-Force	Planet	Gnat	85	+244	+8	58	89	+1806	-0,50	-0,08	-0,01	+24	+55	+81	+300	-75	-10	75	+791	104	100	100	102	104	104	103	85	103	105	110	103	110			
Mas US 3011584418	Starhawk	Supersire	Observer	Gnat	81	+244	+2	84	88	+1311	-0,02	-0,12	-0,09	+54	+34	+51	+268	-28	-43	69	+767	108	103	105	98	108	95	102	86	106	107	108	100	107			
CRV NL 875006950	Delta Almond	RF	Aikman	Gibor	Gnat	82	+244	+11	149	88	+623	+0,21	+0,07	-0,05	+46	+28	+24	+219	-2	-40	69	+401	108	104	100	106	95	94	108	90	97	101	105	106	105		
CRV NL 498938423	Delta Atlantic	RF	Ramos	O Man	Gnat	99	+244	+6	54292	99	+253	-0,04	+0,15	-0,14	+7	+22	-1	+105	+3	-14	99	+434	109	107	109	102	102	96	109	99	104	105	104	110	109		
GGI NL 709809726	Topspeed Go Now	RF	G-Force	Ralstorm	Gint	79	+243	-8	21	85	+1470	+0,09	+0,15	-0,03	+72	+67	+64	+445	-22	+26	71	+462	105	99	100	102	101	101	99	84	103	103	104	100	103		
Toe NL 664208143	Sloboom S Jorvik	RF	McCutchen	Snowman	Nat	n	63	+243	+0	27	72	+1747	+0,00	-0,08	+0,05	+74	+52	+85	+394	+8	+1	57	+583	104	98	105	100	105	98	67	99	102	109	102	106		
CRV NL 894608124	Willem's-Hoeve R Browning	Snowman	Ramos	Gnat	2n	92	+243	+17	231	96	+1490	-0,10	-0,21	+0,03	+53	+30	+71	+256	-4	-1	85	+375	107	101	103	100	101	100	106	93	105	106	112	108	113		
CRV NL 718767224	Waldclass Delta Casino	Snowman	Cricket	Mascol	Gnat	95	+243	+1	314	98	+1301	-0,43	-0,25	+0,09	+12	+20	+68	+128	+3	-12	91	+972	107	106	106	109	103	102	103	95	101	103	107	104	107		
ABS US 69087180	View-Home Monterey Et	McCutchen	Roylane Socra R	Nat	81	+242	+31	149	85	+1417	-0,04	-0,07	+0,07	+56	+42	+72	+311	+26	+19	65	+539	102	102	109	101	108	106	88	93	98	116	101	107				
WWS US 71974211	Clear-Echo Lxor Racer	Lxor	Observer	Nat	81	+242	-3	94	87	+931	-0,23	+0,02	-0,10	+17	+34	+33	+185	-78	-48	77	+576	107	106	106	107	106	101	107	84	101	104	112	103	109			
WWS CA 11161715	Mapel Wood Brewmaster	Shottle	Int	87	+241	+9	70	91	+1123	+0,43	-0,12	+0,00	+90	+27	+51	+315	-13	-26	74	+321	105	103	105	101	103	103	102	92	102	105	107	104	107				
AWE DE 0538538554	Brentano	Balisto	Sudan	Gnat	82	+241	+11	350	86	+374	+0,27	+0,20	+0,10	+41	+31	+26	+221	-34	-26	68	+677	106	104	104	104	105	105	110	103	91	103	106	114	103	111		
Kam NL 925177281	T Brook Hacker	Stonewall	Jorvik	Gnat	Gn	79	+241	+92	70	84	+449	+0,17	+0,16	+0,09	+35	+30	+29	+205	###	+61	69	+454	103	106	105	104	107	95	105	83	100	101	103	108	106		
K&L DK 02371402380	Vh Barkley	Bookem	Gibor	Gint	85	+241	-3	58	85	+1223	-0,30	-0,15	-0,01	+22	+28	+55	+178	-33	+26	80	+626	106	104	107	106	98	99	103	87	94	97	108	107	106			
ABS US 71813557	De-Su 11971 Justice	Platinum	Numero Uno	Int	76	+240	+9	30	89	+1329	-0,02	-0,05	-0,01	+55	+41	+60	+302	+11	-9	61	+791	108	101	100	97	106	97	102	68	98	102	107	99	103			
CRV NL 714042792	Delta Prince	Plan Z	Fidelity	Gnat	86	+240	+44	160	91	+982	+0,14	+0,04	+0,17	+55	+38	+61	+290	+44	+55	74	+640	106	99	103	103	102	102	109	91	96	97	103	101	100			
CRV NL 734278627	Delta Titanium	Ramos	O Man	Gnat	98	+240	+13	12443	99	+822	+0,10	-0,07	-0,02	+45	+22	+36	+196	+7	-48	97	+358	104	107	109	102	103	105	104	99	104	107	108	105	109			
ABS US 69791631	Mr Morningview Aladdin	RF	Shamrock	Shottle	Nat	79	+240	+26	73	87	+816	-0,08	-0,02	-0,08	+27	+27	+30	+176	+33	-36	70	+827	103	106	102	97	102	90	108	83	103	105	107	106	109		
Dek NL 871458575	Kossinkhoeve Inola	Altaoak	Planet	Gint	78	+240	+17	52	84	+1206	-0,38	-0,20	+0,23	+13	+22	+78	+141	-12	-18	67	+841	108	106	106	98	104	102	100	84	91	104	115	102	107			
CRV BE 011463791	Delta Jarvis	BY	Dynamo	Snowman	Gnat	84	+239	-15	144	89	+1645	-0,19	-0,13	+0,02	+50	+44	+77	+309	+3	-28	72	+553	106	99	103	98	101	99	104	91	101	105	102	101	107		
Sem IT 53990116251	Toe-Farm Fitz	Dooman	Snowman	Nat	79	+239	-14	214	86	+1524	-0,16	-0,11	+0,00	+48	+42	+69	+294	-42	-76	66	+499	107	103	107	100	104	96	98	86	101	10						

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext														
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T														
Melkdoel Zwart																		Productie										Functioneel										Exterieur									
CRV NL 766348705	Elagaaster Hammer	Snownush	Aswin	Gnat	81	+231	-17	104	87	+1541	-0.03	-0.02	+0.01	+62	+52	+71	+365	+14	-10	70	+651	105	101	96	98	103	102	88	101	101	106	99	103														
GGI DK 03372306314	Beat	Boss	Snowman	Gnat	78	+231	+15	25	81	+1386	-0.02	+0.06	+0.02	+57	+54	+65	+361	-4	-45	74	+398	105	102	105	96	101	95	100	88	104	103	107	102	106													
STG US 72128224	Mr Mogul Drama 1435	Mogul	Roylane Socra R	Nat	72	+231	+29	47	79	+2301	-0.41	-0.32	+0.06	+53	+45	+112	+329	+55	+26	64	+606	100	99	103	103	103	106	103	77	97	104	111	105	108													
CRV NL 920083589	Midwolder Motivator	Paradise	Mascol	Gnat	81	+231	+21	127	87	+587	-0.09	-0.05	+0.07	+17	+16	+33	+111	+7	+17	70	+652	107	106	108	106	103	106	106	89	106	106	106	105	109													
Alt US 3011611135	Bush-Bros Altastrafy-Et	Supersire	Badger-Bluff Fa	Int	82	+230	+16	52	89	+2082	-0.33	-0.04	-0.01	+53	+68	+94	+418	+32	-1	64	+530	100	101	104	102	101	104	102	76	96	105	105	98	101													
Alt US 59109587	Mr Furnace-Hill Altapita	Supersire	Man-O-Man	Nat	81	+230	+15	162	86	+809	+0.31	+0.13	+0.14	+64	+41	+50	+318	+14	+2	68	+470	102	103	109	105	105	101	105	78	100	105	106	99	103													
Tot DE 0356477983	Davos	Daddy	Badger-Bluff Fa	Gint	78	+230	+17	42	83	+1468	-0.30	-0.17	+0.00	+32	+34	+67	+227	-3	-52	65	+559	106	104	108	99	102	104	103	82	106	107	110	102	109													
CRV NL 876695418	Delta Rafter P	RF PO	Deluxe P Rf	Gnat	84	+230	+12	338	89	+258	+0.16	+0.13	+0.06	+25	+21	+17	+144	+10	+11	71	+441	107	104	106	106	104	98	111	94	94	101	110	105	106													
Ves NL 932421854	Weggehorster Disclosure	Maik	Ramos	Nat	93	+230	+6	826	97	+688	-0.06	-0.14	-0.05	+35	+11	+27	+127	+2	+7	84	+739	108	110	109	105	94	97	102	94	98	100	102	98	99													
CRV NL 878334760	A H Vitesse	Gravity	Jardin	Gnat	98	+229	+1	13892	99	+1076	+0.16	+0.12	+0.02	+62	+49	+51	+346	+14	+25	92	+253	105	96	103	101	99	96	108	99	101	103	106	108	108													
Tot NL 920078422	Dg Jk Genicooper	Mccutchen	Altaiota	Nat	70	+229	-18	73	80	+1215	-0.13	-0.12	+0.08	+65	+30	+63	+278	-29	-23	61	+523	103	103	108	99	105	101	102	64	99	104	112	102	108													
CRV NL 920744181	De Volmer Brasil	RF	Balisto	Snowman	Gnat	85	+229	+68	643	89	+173	+0.60	+0.30	-0.02	+61	+33	+6	+265	+28	-33	72	+779	105	103	100	99	102	100	99	95	104	106	112	102	110												
ABS US 136800233	End-Road Beacon	Shottle	Bw Marshall	Nat	94	+229	-8	306	98	+1535	-0.29	-0.23	+0.05	+35	+30	+75	+219	-7	+22	91	+510	105	103	105	101	106	99	101	94	100	99	109	107	108													
CRV NL 663104097	Delta Jonas	Chevrolet	Niagra	Gnat	83	+229	-3	168	88	+238	+0.40	+0.16	+0.11	+46	+23	+21	+197	-5	-34	71	+594	106	103	106	97	104	104	106	90	104	108	106	107	109													
CRV NL 582468735	Delta Airline	Chicane	Snowman	Gnat Gn	82	+229	+33	255	88	+1219	-0.43	-0.24	+0.22	+9	+19	+78	+120	-3	+27	68	+1025	106	102	100	101	97	94	106	91	96	104	108	106	107													
CRV NL 720660029	Delta Saxobeat	Epie	Bolton	Gnat	91	+228	-6	242	96	+1376	-0.04	+0.00	+0.04	+54	+48	+67	+330	-5	-77	82	+415	100	101	106	101	104	99	108	94	106	107	109	107	111													
Alt US 3012559635	T-Gen-Ac Altaskech	Mccutchen	Altaiota	Nat	78	+228	+19	166	85	+1201	-0.16	-0.09	+0.06	+67	+33	+61	+294	+30	-36	67	+324	104	105	109	102	107	104	103	81	102	105	108	101	106													
Sem US 3013129323	Ladys-Manor Doorsopen	Dooman	Dorcy	Nat	77	+228	-24	82	84	+928	+0.21	-0.09	-0.01	+60	+24	+41	+237	-44	-42	66	+685	110	99	101	95	99	89	101	88	101	104	118	103	112													
Alt US 140255326	Fustead Altasamoa	Planet	O Man	Nat	84	+228	-13	94	87	+1207	-0.08	-0.17	-0.02	+43	+25	+53	+209	-2	+10	71	+746	109	103	104	101	101	100	104	85	101	102	106	98	103													
GGI DK 03372306253	Chevalier	Chevrolet	Snowman	Gint	79	+227	-16	50	84	+1573	-0.13	-0.21	+0.01	+54	+33	+73	+271	-20	-2	67	+617	106	100	110	100	105	102	100	87	100	103	107	103	106													
WWS US 70626131	De-Su Ltm Rodgers 11379-Et	Lithium	Briggen Russell	Int	82	+227	-13	44	89	+1134	-0.07	-0.19	-0.01	+41	+21	+51	+188	+12	+2	70	+569	106	108	109	108	100	98	102	82	99	102	103	100	102													
Alt CA 107931088	Lookout Pesce Altakado	Air-Osa-Exel A	Man-O-Man	Nat	79	+226	+18	56	81	+1807	-0.44	-0.16	-0.02	+30	+46	+80	+276	+24	-46	75	+316	107	105	104	103	108	98	105	75	104	106	107	101	106													
AWE US 3011816312	Co-Op Renegade	Mccutchen	Atwood	Int	80	+225	+24	32	88	+1280	+0.19	-0.08	+0.00	+74	+37	+58	+325	+45	+28	62	+177	99	104	109	102	105	107	100	71	96	99	117	102	109													
Mas US 142286285	Astonishing	Mountfield Ms	Bookem	Gint	73	+225	-23	27	79	+978	+0.20	+0.06	+0.10	+61	+40	+54	+308	-12	-64	62	+542	105	99	103	105	102	93	101	78	89	96	108	101	101													
Tot NL 762557299	Jk Eder Chazz	Cashcom	Snowman	Nat	68	+225	+19	39	77	+951	+0.04	+0.00	-0.02	+44	+33	+41	+240	+23	-14	61	+697	106	104	102	102	102	104	99	66	98	102	115	97	106													
ABS US 70346495	Even-Par Shf Cannon-Et	Roylane Socra	Alexander	Nat	82	+225	+5	88	85	+1871	-0.55	-0.27	+0.14	+21	+37	+100	+226	+42	-5	77	+631	107	101	105	96	103	100	103	78	104	105	108	104	108													
Sem US 70801849	Coyne-Farms Jetset	Facebook	Badger-Bluff Fa	Nat	73	+224	+12	17	80	+896	+0.11	-0.05	-0.02	+49	+26	+39	+221	+14	-39	65	+567	103	109	104	103	109	101	78	101	104	104	104	105														
CRV NL 636632679	Wd Reminder	Shotglass	Aswin	Gnat	79	+224	+17	100	85	+746	+0.10	-0.01	+0.00	+41	+25	+34	+199	+2	-18	65	+476	111	104	104	107	103	91	102	88	95	104	107	100	103													
Sem CA 107281711	Val-Bisson Doorman	Bookem	Shottle	Nat 2n	92	+224	-6	406	96	+415	+0.17	+0.13	+0.00	+33	+26	+19	+182	-24	-58	83	+714	109	105	104	100	104	90	99	96	101	104	116	100	109													
CRV NL 870246304	Peelschoeve Ballot	RF	Maik	Snowman	Gnat	84	+223	-47	161	89	+775	+0.18	-0.12	-0.05	+50	+16	+31	+180	+0	-21	74	+648	107	101	101	98	94	96	106	91	102	105	106	110	110												
GGI UK 388380300287	Nugget	RF	Numero Uno	Destry	Gint	77	+223	-17	21	82	+108	+0.65	+0.09	+0.05	+32	+4	+1	+125	-7	-11	67	+665	107	107	104	103	101	104	107	82	91	98	112	98	102												
Alt US 70625861	De-Su Altajohnson	CV	Snowman	Massey	Nat	88	+222	+15	420	94	+2623	-0.68	-0.38	-0.01	+34	+48	+119	+304	-6	-47	78	+653	111	101	102	101	103	98	97	88	103	106	109	97	105												
Sem US 72053362	Ladys-Manor Durbin	Mccutchen	Goldwyn	Nat	85	+222	+20	301	91	+948	-0.04	+0.04	+0.07	+36	+37	+50	+242	-4	-16	73	+443	106	99	105	103	99	101	106	91	100	103	116	105	112													
Alt NL 880372082	Southland Altadelcampo	Gold Chip	Man-O-Man	Int	73	+222	+57	20	90	+752	+0.28	-0.01	+0.00	+59	+25	+34	+237	+54	-16	60	+679	107	101	107	100	102	102	101	57	96	100	114	97	105													
ABS US 3008160513	No-Fla Hurst	Dorcy	O Man	Int	83	+222	-9	133	90	+679	+0.06	+0.02	-0.01	+35	+26	+30	+189	+19	-14	69	+706	108	104	104	100	102	99	102	85	104	104	114	98	108													
Kam NL 866463285	Ijster Helios	Massey	Jeeves	Gnat Gn	78	+222	+51	80	84	+1440	-0.49	-0.15	+0.04	+11	+35	+70	+188	+77	+69	67	+762	107	102	107	97	103	102	101	83	97	100	103	101	101													
Mas DK 4199601209	Mavid	Mascol	Eminenz	Nat	98	+222	+16	5292	99	+248	+0.17	+0.23	+0.05	+26	+29	+16	+178	+3	+101	95	+745	104	102	102	103	102	103	105	99	93	94	99	106	100													
Mas NL 537453128	Heidskipster Beart																																														

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		Productie										€									
																		€										Functioneel									
																		€										Exterieur									
Alt US 70541411	Dycecrest Altaskycrest	Altacaliber	Regancrest-Hhf	Nat	94	+215	+11	1453	98	+1662	-0,14	-0,16	+0,02	+56	+41	+78	+309	+19	-19	88	+425	104	103	99	102	103	105	94	104	107	107	100	106				
CRV BE 312047566	Merwehoeve Drive	Snownush	Planet	Gnat	83	+215	+11	298	88	+1129	-0,08	-0,18	+0,01	+40	+22	+52	+190	+21	-13	70	+636	106	104	103	102	99	100	101	92	94	96	111	101	104			
Tot NL 569274203	Caps Marbach	Jeeves	Goldwyn	Nat	87	+215	-2	119	94	+1582	-0,65	-0,32	+0,03	+0	+22	+75	+113	-73	-32	83	+986	107	103	102	99	102	101	106	76	101	105	104	102	104			
Sem BE 111966423	Dukefarm K&I Balthazar	Balisto	Epic	Nat	75	+214	+28	114	82	+526	+0,47	+0,37	+0,08	+66	+53	+31	+365	-10	-24	54	+573	101	99	101	101	99	102	100	84	105	104	109	103	108			
Tot NL 871871316	Tw Suhstar	Supersire	Super	Nat	76	+214	-11	128	85	+1594	-0,10	-0,20	+0,07	+57	+35	+80	+287	-7	-31	65	+613	104	101	107	102	104	103	100	74	107	106	109	101	108			
Alt US 71074447	Bomaz Altabetman	Roylane Socra	Man-O-Man	Nat	85	+214	+11	123	91	+326	+0,53	+0,26	-0,05	+62	+35	+10	+277	+7	+19	73	+356	102	105	108	104	101	102	103	73	95	101	104	100	101			
Alt US 3013023068	Edg Altabugh	Mogul	Co-Op O-Style O	Nat	78	+214	+57	254	85	+1378	-0,24	-0,08	+0,12	+34	+40	+75	+258	+99	-10	65	+431	104	103	105	101	101	102	104	100	79	102	105	118	100	111		
Sem US 71640112	L-L-M-Dairy President	Numero Uno	Million	Nat	80	+214	+28	56	87	+1270	-0,22	-0,26	+0,00	+32	+18	+58	+158	+6	+7	70	+740	105	105	103	101	103	103	105	85	102	98	113	98	106			
WWS US 3009554422	S-S-I Tape Overlay	Pine-Tree Brian	Man-O-Man	Int	79	+214	+0	19	89	+688	-0,01	-0,06	+0,00	+28	+18	+31	+142	-3	+23	75	+705	109	103	103	108	103	101	104	73	93	99	112	99	104			
ABS US 66626198	Regancrest Paradise	Dorey	Shottle	Nat	93	+214	+12	699	97	+636	+0,00	-0,09	+0,00	+27	+14	+29	+123	+16	+1	85	+907	110	103	104	102	100	100	103	94	98	101	114	96	105			
Sam NL 966694187	Jk Eder Seto	RF PO Jacey	Snowman	Nat	69	+213	-8	58	78	+2004	-0,36	-0,10	+0,05	+47	+59	+97	+370	-8	-17	59	+533	105	102	100	104	105	98	99	70	99	103	106	95	101			
Alt NL 767081320	Koepon Altacornell	Supersire	Man-O-Man	Int	80	+213	+14	50	91	+1655	-0,11	-0,17	+0,00	+59	+40	+75	+310	+0	+24	60	+514	103	101	106	100	108	100	102	63	97	102	109	97	103			
Alt US 72667540	Aardema Altaaces	Supersire	Sherac	Nat	75	+213	-19	108	83	+1198	-0,04	+0,00	+0,11	+47	+42	+66	+291	-19	-40	63	+731	102	104	103	103	102	101	102	76	105	105	105	98	104			
CRV NL 636603909	Delta Kristian	RF Direct	Ramos	Gnat	87	+213	-15	143	92	-154	+0,63	+0,29	-0,07	+48	+20	-13	+179	+19	+46	77	+361	103	104	107	105	103	106	106	91	94	102	105	107	105			
CRV NL 882810490	Lowlands Monopoly	Aswin	Mascol	Gnat	98	+213	+4	3470	99	-232	+0,09	+0,22	+0,14	-2	+11	+1	+41	+0	+29	94	+935	108	108	109	104	98	108	106	99	95	100	103	97	99			
CRV NL 739977109	Vds Metallic	Atlantic	Paramount	Gnat	2n	93	+213	+20	281	97	+610	-0,37	-0,13	-0,02	-9	+9	+26	+26	+0	-16	88	+444	111	110	103	106	103	97	104	94	102	104	110	106	110		
Sem US 71637328	Richmond-Fd El Bombero	Numero Uno	Super	Nat	80	+212	+19	98	87	+1593	+0,02	-0,14	-0,16	+70	+41	+56	+332	+40	-37	69	+682	104	101	103	99	101	101	103	87	106	104	109	94	104			
ABS US 71618863	Seagull-Bay Mvp	Mogul	Planet	Nat	87	+212	-3	465	90	+348	+0,44	+0,16	+0,10	+55	+27	+25	+234	+6	+7	80	+540	101	103	102	103	108	105	102	88	102	106	111	106	111			
Mas NL 546483691	Poppe Snow	RF Snowman	Spencer	Gnat	91	+211	-8	433	96	+2139	-0,28	-0,13	+0,03	+61	+60	+101	+404	-9	+26	82	+315	100	96	103	103	92	104	100	94	102	104	113	104	110			
Sem CA 107931158	Silverridge V Envious	Mccutchen	Snowman	Nat	80	+211	+18	139	87	+914	+0,06	-0,12	+0,10	+45	+20	+51	+192	-16	-40	68	+594	107	103	102	98	102	99	103	86	102	105	114	102	110			
Alt NL 522740642	Mars Altafixman	Fibrax	O Man	Int	79	+210	+9	35	89	+1084	+0,17	+0,17	+0,00	+63	+55	+49	+373	+2	-5	76	+381	101	103	100	106	103	104	101	68	105	102	105	99	104			
CRV NL 610971152	Horst Allard	RF Hunter	Fidelity	Gnat	90	+210	+5	214	95	+409	+0,33	+0,42	+0,00	+48	+53	+19	+324	+6	-5	81	+154	100	103	99	96	109	98	102	93	99	105	108	109	109			
WWS US 3004672662	Mounfield Ssi Dey Mixer	Dorey	Marsh	Nat	82	+210	+24	33	87	+1061	+0,11	+0,06	+0,12	+56	+43	+60	+312	+19	-26	73	+422	107	102	102	96	106	106	97	81	103	104	115	97	108			
Sem US 71302825	Mr Lookout P Enforcer	Facebook	Shottle	Int	81	+209	+8	19	91	+1450	-0,27	-0,03	+0,00	+34	+47	+66	+284	+29	-37	62	+372	103	107	101	102	102	102		88	103	105	106	101	105			
K&L DK 04488403906	D Mason	Mascol	O Man	Nat	96	+209	-3	1149	99	+986	+0,13	-0,06	-0,01	+55	+29	+44	+248	+7	+43	93	+513	107	101	100	107	101	99	104	95	96	98	99	103	100			
CRV NL 727553328	Batenburg G. Stellando	RF Fidelity	O Man	Gnat	98	+209	+7	26912	99	+633	+0,14	+0,15	-0,06	+40	+36	+23	+239	+7	+28	99	+134	99	106	106	103	105	104	102	99	101	102	98	114	107			
Gex US 71079044	Sully Hart Denim Mahuva	Denim	Planet	Int	86	+209	+32	26	91	+601	+0,30	+0,03	+0,00	+54	+24	+27	+220	+18	-7	76	+527	105	104	100	100	100	104	103	87	99	105	109	102	106			
Kam NL 717343458	Elagaaster Salero	BY Mogul	Mascol	Gnat	89	+209	+13	206	95	+1352	-0,56	-0,11	+0,09	+1	+36	+71	+171	+11	+6	82	+833	105	105	103	106	100	104	102	88	101	98	102	101	102			
CRV NL 91920441	Delta Automatic	Fanatic	Cricket	Gnat	86	+209	+19	156	91	+369	+0,17	+0,11	+0,09	+31	+23	+25	+167	+17	-13	74	+578	107	105	103	103	103	102	102	91	105	105	103	105	106			
GGI DE 0331002737	Nog Mato	Mascol	Laudan	Nat	91	+209	+2	226	95	+860	-0,29	-0,04	+0,13	+9	+26	+52	+141	+13	+44	85	+812	109	99	104	102	95	102	104	91	95	98	99	107	101			
Ves IT 019500393890	New Farm Britt Prince	Britt	Mito	Nat	98	+209	-2	4348	99	+399	-0,02	-0,09	+0,05	+15	+6	+23	+63	+0	+43	97	+944	107	105	98	100	104	104	94	99	101	101	99	108	104			
CRV NL 666448361	Sanderij Perka	RF Perfect Aiko	Snowman	Gnat	83	+208	-7	153	88	+1721	-0,01	-0,02	+0,08	+72	+58	+87	+415	+6	+2	72	+349	102	100	98	97	99	94	99	90	104	105	110	98	106			
CRV NL 538295350	Bouw Snowflever	CD Snowman	Goldwyn	Gnat	98	+208	+6	16447	99	+1108	-0,17	+0,01	+0,09	+64	+40	+59	+316	+17	+39	96	+475	100	98	102	102	103	104	101	99	104	103	109	107	110			
Ves IT 019991001383	Royal Idevra Danubio	Ecoyne Isy	Mascol	Nat	78	+208	+13	148	86	+1471	-0,30	-0,10	+0,05	+32	+41	+72	+257	+10	-6	67	+630	104	103	103	101	101	100	105	76	105	106	98	101	102			
CRV NL 750450746	Delta Fracktal	Persuader	Snowman	Gnat	85	+208	+1	168	90	+1688	-0,51	-0,14	+0,12	+18	+44	+90	+245	+10	+14	75	+408	108	102	102	100	95	95	103	91	103	104	101	103	104			
WWS NL 418232662	Alt Dakota	O Man	Durham	Nat	97	+207	+6	2335	99	+1656	-0,24	-0,04	+0,01	+45	+54	+77	+339	+1	-17	96	+319	102	104	97	106	89	96	103	99	99	105	100	102	102			
WWS CA 11596146	Stantons Main Event	Mogul	Superman	Nat	72	+207	+14	34	80	+801	-0,11	-0,20	+0,10	+24	+9	+46	+101	-19	+1	64	+724	104	106	105	101	104	107	82	97	104	116	104	110				
Alt US 69932086	Ro-Co Altaelfiel	Snowman	Planet	Nat	83	+206	+20																														

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext					
Ai Bull number	Bull name	Her-fa Sire	MGS	S	N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FVC	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T					
Melkdoel Zwart										Productie										Functioneel										Exterieur									
pnt										€										€																			
US 72518591	Mr Donalynn Millennium	McCutch	Siemens Toys He	Nat		78	+201	+24	123	84	+2148	-0,49	-0,33	+0,06	+38	+39	+104	+271	+10	-31	70	+308	104	102	104	92	108	98	81	101	102	114	103	110					
Tot DE 0355080809	Arbell	BY	Snowman	Ramos	Nat	2n	92	+200	-3	398	97	+2089	-0,29	-0,30	+0,01	+57	+40	+96	+313	-7	-14	84	+184	103	104	104	97	96	93	99	91	102	103	109	101	106			
Sem US 71164339	Kellercrest Lancome		Epic	Man-O-Man	Int		86	+200	+11	34	91	+1222	-0,22	-0,08	-0,01	+30	+51	+55	+289	+35	+21	78	+432	102	103	104	105	106	101	93	101	87	96	99	105	99	101		
Tot NL 920078554	Snowbiz Dg Capri		Supersire	Snowman	Gnat	Gn	75	+200	-11	51	81	+1343	-0,15	-0,16	+0,04	+42	+31	+65	+235	-123	-37	61	+541	106	102	104	100	106	103	102	80	106	106	110	100	108			
Tot NL 730406262	Broeks Tychip		Gold Chip	Snowman	Gnat		90	+200	+27	388	95	+1665	-0,29	-0,26	-0,12	+41	+31	+63	+232	+37	-17	80	+595	107	99	98	103	102	102	101	93	102	103	117	102	111			
Sem CA 11491874	Gillette Speaker		Mogul	Planet	Nat		76	+200	+21	54	82	+1302	-0,35	-0,18	+0,04	+20	+27	+63	+172	+9	+4	67	+625	104	102	106	98	104	103	100	80	96	105	111	105	108			
Tot UK 388380300553	Willbro KI Elclair		Lancome	Numero Uno	Gint	Gn	72	+200	-33	39	78	+709	+0,04	-0,03	-0,01	+34	+22	+31	+171	-104	-21	60	+629	103	105	102	106	103	104	103	80	99	102	116	100	108			
WWS US 69502423	Kerndway Kingpin		McCutch	Observer	Nat		77	+200	+27	46	84	+590	+0,03	-0,09	+0,05	+28	+12	+32	+118	-7	-79	67	+566	106	108	103	99	107	104	102	83	106	107	120	100	113			
Alt US 3011789392	View-Home Powerball-P	PO	Eamhardt P	Roylane Socra R	Nat		80	+199	-8	80	87	+1437	-0,24	-0,06	-0,01	+37	+56	+65	+327	-16	+28	68	+502	99	101	106	103	103	102	104	87	98	99	109	95	101			
CRV NL 947566920	Apina Norman		Numero Uno	Ramos	Gnat		87	+199	+8	126	92	+1022	+0,31	-0,12	-0,05	+74	+24	+42	+266	+23	+5	76	+534	97	107	102	103	105	103	103	90	103	103	110	97	105			
Alt US 3006559787	No-Fla Altaeverglade	BY	Massey	O Man	Nat		87	+199	+21	659	93	+381	+0,39	-0,18	+0,06	+52	+30	+23	+239	+41	-34	81	+402	106	105	109	103	104	101	100	87	101	107	102	100	102			
ABS US 139005002	Coyne-Farms Dorcy		Bolton	Bret	Nat		96	+199	+15	1165	99	+1463	-0,33	-0,21	+0,08	+28	+30	+75	+204	+4	-2	93	+840	107	101	101	93	106	104	95	97	102	103	117	98	109			
CRV NL 757315101	De Vrendt Martini P	RF PO	Sundance	Snowman	Gnat	Gn	80	+199	+13	83	85	+1051	-0,18	-0,13	+0,09	+27	+24	+57	+172	-41	-34	68	+771	103	101	102	95	103	98	108	89	98	106	107	105	107			
CRV NL 930025236	Steeckel Simba		Sunset	Crick	Gnat		86	+199	+14	162	91	+1188	-0,32	-0,04	+0,12	+37	+10	+19	+124	+33	+40	75	+318	104	105	102	108	104	105	106	91	99	100	108	104	106			
Kam NL 660281847	Poppe Ferdi		Boss	Danillo	Gnat	Gn	80	+198	+28	297	86	+626	+0,04	+0,17	+0,09	+30	+38	+37	+230	+19	-25	66	+384	103	102	103	99	99	95	102	87	105	106	110	107	111			
Alt US 69990346	De-Su Altawiseman		Snowman	Wizard	Nat		88	+198	+36	180	91	+609	+0,19	-0,09	+0,07	+44	+13	+34	+156	+48	+24	82	+552	109	106	105	102	100	93	99	83	98	100	106	97	101			
CRV NL 640251743	Apina Pamela		Plan	Gofast Cd	Gnat		86	+198	+22	156	92	+1191	-0,29	-0,27	+0,10	+22	+15	+64	+127	+23	-62	74	+624	105	108	101	103	102	99	104	91	105	107	112	101	109			
OBS DE 0354049629	Reinermann Rusfort Sunday		Super	Shottle	Nat		79	+197	-5	36	86	+1988	-0,41	-0,31	+0,02	+40	+36	+93	+260	-4	-15	72	+562	103	102	103	96	98	98	102	78	97	102	108	100	104			
CRV NL 756957623	Dykster Diner		Denim	Mascol	Gnat		84	+197	+0	179	90	-75	-0,52	-0,24	-0,12	+42	+18	-14	+158	+20	+44	72	+591	109	101	100	105	98	102	105	91	96	97	108	100	103			
WWS US 71703339	Bacon-Hill Montross		Mogul	Bolton	Nat		83	+196	+15	183	89	+2336	-0,43	-0,21	+0,03	+32	+58	+110	+380	-7	-9	72	+391	100	100	105	102	109	108	100	91	101	102	111	93	104			
GGI NL 534704737	Vekis Philo		Super	Stol Joc	Nat		84	+196	+9	91	91	+2471	-0,86	-0,20	+0,12	+8	+64	+126	+317	+26	-13	77	+744	106	98	104	102	96	100	101	85	102	102	101	96	99			
Sem US 69951907	Sully Hart Meridian		Ronelee Toyst	Planet	Nat		89	+196	+12	335	95	+2744	-0,74	-0,41	+0,09	+32	+48	+135	+305	+3	-17	80	+416	105	100	102	99	99	104	104	92	102	103	114	95	106			
CRV NL 694776043	Midwolder Goldmar		Goldwyn	O Man	Gnat		97	+196	-2	6442	99	+665	+0,24	+0,11	+0,12	+51	+34	+42	+259	-7	-10	95	+280	107	101	108	106	108	96	101	99	103	105	107	101	106			
GGI DE 0536762679	Snowflake		Snowman	Goldwyn	Gnat		85	+196	+2	65	91	+1653	-0,37	-0,17	-0,02	+32	+40	+73	+253	+29	-8	75	+388	106	101	100	99	96	96	101	87	101	102	110	102	107			
Sem CA 108657338	Lindengrht Megawatt		Enforcer	Bradnick	Int		77	+196	+23	63	90	+1018	+0,04	-0,06	+0,00	+47	+30	+46	+236	+36	-34	60	+315	99	109	105	102	101	100	100	82	99	104	111	101	107			
Mas NL 699652964	Bacchus Picanto		Snowman	Regancresht-Hfr	Gnat	2n	89	+196	+4	76	91	+1025	-0,07	-0,05	+0,01	+37	+31	+48	+219	-8	-1	76	+431	107	103	101	105	102	95	101	90	96	103	114	98	106			
CRV NL 871458443	Kossinkhoeve Pico		Picanto	Altaiota	Gnat		81	+196	-3	157	87	+805	+0,03	-0,04	+0,14	+37	+24	+50	+191	-24	-65	69	+435	105	105	102	105	103	103	104	91	100	106	113	102	109			
Sem CA 11438396	Silverridge Album		Epic	Man-O-Man	Nat		85	+196	-5	96	90	+883	-0,15	-0,01	+0,14	+23	+30	+54	+188	+24	-25	79	+433	108	104	109	105	101	95	87	101	104	109	99	105				
Alt US 69092847	Rosylane-Lic Altastewart		Super	Ramos	Int		87	+196	+16	32	92	+1252	-0,80	-0,33	+0,00	-27	+11	+57	+6	+18	-17	79	+684	109	109	108	105	99	97	107	85	95	101	106	100	102			
GGI DE 0666050471	Big Point		Bookem	Man-O-Man	Gnat		85	+195	-16	112	91	+1669	-0,48	-0,10	+0,08	+21	+48	+85	+266	+2	-9	74	+653	104	99	101	98	102	98	101	88	94	104	112	100	105			
CRV NL 764031144	Delta Fuore		Persuader	Snowman	Gnat		85	+195	+8	155	90	+859	+0,09	-0,04	+0,07	+45	+26	+46	+215	+19	+42	75	+295	103	100	105	101	95	96	103	91	98	102	105	110	108			
CRV NL 645598690	Delta Spaceman	BY RF	Sherlock Rf	Ramos	Gnat		87	+195	-13	175	92	+1124	-0,19	-0,09	-0,02	+29	+30	+49	+199	+9	+11	77	+197	104	99	106	101	100	107	104	92	101	104	109	113	113			
Dek US 63026939	Co-Op Bosside Massey		Mascol	Bret	Nat		95	+195	+6	625	98	+807	-0,08	-0,02	+0,04	+27	+30	+41	+192	+19	+24	90	+683	108	102	106	101	106	103	97	97	98	103	107	98	103			
Mas FR 1445852790	Bossanova		Bronco	Shottle	Gint		82	+195	-7	47	86	+1155	-0,31	-0,10	+0,02	+18	+30	+55	+177	-18	-2	80	+568	107	103	101	103	104	96	103	82	100	103	107	101	105			
CRV NL 944404704	Delta Headman		Patriot	Gibor	Gnat		80	+195</																															

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		€	€	Functioneel										Exterieur							
pnt																		Productie										€									
GGI DE 0769582276	Snowboard		Snowman	Gibor	Gint	82	+187	-12	30	86	+1183	+0,14	-0,08	-0,02	+64	+33	+52	+285	+4	-1	73	+333	106	101	98	99	97	97	101	83	104	104	105	101	105		
Alt NL 762041886	Schreur Altacasual P Rf	RF	Supersire	Lawn Boy Red	Nat	76	+187	-22	62	83	+1524	-0,26	-0,17	+0,15	+38	+36	+85	+253	+2	-17	66	+816	104	100	105	97	106	101	98	82	104	106	111	95	105		
Adv NL 947618726	Barnkamper Marilyn Douglas		Dooman	Dempsev	Gnat	78	+187	+48	92	84	+1138	-0,28	-0,03	+0,00	+21	+37	+52	+211	+74	-69	66	+515	105	104	96	95	105	98	98	85	104	105	119	102	113		
CRV NL 738580944	Peldijkier Winnetou		Big Winner	Stan	Gnat	85	+187	-10	152	90	+1161	-0,18	-0,17	-0,01	+32	+24	+52	+181	-15	-8	74	+515	107	102	102	103	94	100	103	90	98	104	108	101	105		
Kam NL 918944919	Kik Masterclass		Maik	Planet	Gnat	84	+187	-2	165	90	+1066	-0,53	-0,15	-0,03	-7	+22	+46	+89	-16	-56	74	+1062	104	102	103	102	100	90	105	86	102	105	104	106	107		
CRV BE 110963815	Lowlands El Salvador		Stemgold	Ramos	Gnat	97	+187	+5	2105	99	-317	+0,36	+0,15	+0,10	+17	+2	-6	+42	-1	-26	91	+556	106	109	104	99	101	104	102	99	98	103	107	106	107		
Alt US 70346082	Moutfield Altamarin		Bookem	Shottle	Int	79	+187	+27	18	88	+235	+0,09	-0,10	-0,01	+18	-1	+10	+37	+37	-4	61	+653	108	107	108	101	106	100	99	74	95	103	113	101	106		
OBS DE 0537638043	Succes		Sunday	Xacobeo	Gnat	80	+186	+17	56	86	+2173	-0,34	-0,22	+0,02	+55	+52	+101	+359	+4	-9	68	+364	102	95	101	100	101	97	105	82	101	101	106	102	105		
ABS US 69791634	Morningview Lifloff		Rmw Amitage	Shottle	Int	81	+186	-14	27	88	+1209	-0,05	-0,07	+0,00	+46	+35	+55	+257	+33	-11	71	+366	105	104	102	101	100	101	103	79	94	103	108	95	100		
ABS US 142659407	Matcrest Griller		Supersire	Gold Chip	Nat	73	+186	+66	85	79	+1065	-0,04	+0,00	-0,04	+41	+37	+45	+251	+40	-27	62	+645	102	101	104	99	105	98	101	73	102	105	108	100	106		
Mas NL 737148633	Torenzicht Julianos		Bookem	Regancresht-Hhf	Gnat	83	+186	-4	96	87	+386	+0,24	-0,14	+0,06	+38	+26	+23	+193	-8	-31	71	+364	105	108	107	102	105	97	94	86	98	105	107	101	104		
CRV NL 668819103	Barnkamper Vendetta		Cupido	Highlight	Gnat	82	+186	+3	136	87	+613	+0,07	-0,04	+0,02	+33	+18	+30	+152	-12	-31	70	+547	105	105	101	102	100	104	101	90	100	101	110	99	105		
WWS US 70594754	Melarry Robust Miles		Roylane Socra	Shot Al	Int	83	+185	+14	24	89	+1308	+0,12	-0,03	-0,01	+68	+43	+59	+337	+26	-52	76	+308	98	97	104	96	99	101	105	75	97	98	106	103	104		
WWS NL 970138118	O-Bee Manfred Justice-Et		Manfred	Elton	Nat	98	+185	+3	5430	99	+1006	+0,00	+0,03	+0,05	+43	+38	+51	+261	+0	-12	99	+291	105	106	101	114	98	97	105	99	102	106	97	97	98		
Ves NL 887310414	Topspeed Raglan	RF	Maik	Stadel	Nat	79	+185	+52	144	86	+647	+0,12	+0,03	+0,02	+39	+25	+31	+194	+46	-13	70	+690	103	105	97	102	102	96	101	80	99	103	103	102	103		
Tot NL 874602904	Dg Myrachim		Gold Chip	Jet Stream-Et	Int	73	+185	+20	36	89	+918	-0,04	-0,31	-0,01	+35	+2	+41	+94	+7	-25	59	+570	108	103	105	98	106	105	103	60	97	102	115	102	108		
K&L SE 783048825	Vh Mascol Tubbetorpo Mando		Mascol	Novalis	Nat	86	+185	-15	104	90	-316	+0,29	+0,15	-0,02	+11	+2	-16	+27	-57	-76	81	+546	107	108	100	107	96	94	105	83	92	92	99	105	99		
Alt US 70197812	Brandt-View Altaotis		Observer	Active	Int	85	+185	+8	33	92	+263	-0,15	-0,13	-0,01	-2	-3	+11	-13	-15	+22	65	+538	108	112	106	109	95	97	100	82	94	99	108	101	103		
WWS US 72190767	Plain-Knoll Dona Bayonet		Donatello	Shamrock	Int	78	+184	-17	23	86	+1472	-0,28	-0,19	+0,00	+34	+32	+67	+223	+33	-23	66	+606	100	104	91	101	105	108	104	70	101	101	110	101	106		
Sem CA 108559578	Delarberge Loptimum Et		Shotglass	Planet	Nat	79	+184	+1	127	86	+1305	-0,26	-0,22	+0,07	+29	+23	+67	+175	+13	-55	68	+601	106	102	106	106	106	92	104	89	103	109	111	99	108		
Tot NL 760058505	Shean		Supersire	Super	Gnat Gn	76	+184	+13	48	82	+1245	-0,30	-0,18	+0,07	+23	+25	+64	+170	+43	-54	66	+680	106	103	105	98	104	98	102	81	104	107	109	99	106		
Gex US 71753166	River-Bridge Co-Op Troy		Mogul	Badger-Bluff Fa	Int	84	+184	+23	23	90	+671	-0,09	-0,06	-0,01	+20	+18	+30	+125	+3	-2	67	+620	102	103	106	104	104	103	103	82	101	104	112	101	108		
WWS US 3004269577	B-Hiddenhills Plan 1023		Planet	O Man	Nat	84	+184	+13	35	88	+964	-0,34	-0,14	+0,09	+8	+20	+53	+115	+31	-10	83	+700	106	108	96	105	101	103	100	87	97	103	111	98	104		
CRV NL 872917697	Barnkamper Ferry	CD	Snowfiever Cd	Planet	Gnat	86	+183	+23	183	91	+1179	+0,08	-0,03	-0,01	+58	+38	+53	+294	-2	-9	77	+631	100	98	104	105	101	105	100	93	105	98	106	102	105		
Tot DE 0354891684	Select		Snowman	Planet	Gnat	88	+183	+2	140	93	+995	-0,06	+0,00	-0,04	+36	+35	+49	+234	-11	-13	77	+483	106	101	97	99	101	95	101	89	99	103	106	103	105		
CRV NL 921103345	Hedra Elite		Persuader	Man-O-Man	Gnat	82	+183	+4	108	87	+369	-0,14	+0,07	+0,00	+3	+19	+17	+89	-23	-8	72	+236	106	108	103	103	99	95	103	89	101	103	105	108	108		
CRV NL 898899380	Abthoeve Mohican		Fanatic	Bolton	Gnat	85	+182	-11	203	90	+601	+0,29	+0,18	-0,05	+53	+38	+23	+274	+30	-39	74	+224	100	104	112	104	104	101	100	93	106	106	105	102	106		
WWS US 68988032	Lady's-Manor Rd Grafeiti	CD	Badger-Bluff F	Goldwyn	Int	87	+182	+16	40	92	+580	+0,32	+0,01	+0,00	+55	+21	+26	+209	-3	-9	79	+280	103	101	105	100	103	106	103	91	100	103	110	105	108		
Mas DE 0356342903	Goaway		Gold Chip	Man-O-Man	Gint	82	+182	-5	28	82	+2286	-0,65	-0,47	-0,12	+25	+28	+91	+195	-21	-25	79	+465	103	102	106	104	104	101	103	80	99	103	113	101	108		
Gex US 69774730	Minnigan-Hills Day		Super	Bolton	Nat	77	+182	+9	28	83	+1453	-0,36	-0,22	+0,01	+25	+28	+67	+187	+36	+20	70	+483	107	101	102	99	98	100	104	81	96	98	110	98	103		
CRV NL 926998861	De Vlog	CD	Snowfiever Cd	Stemgold	Gnat	86	+182	-7	299	90	+760	+0,15	-0,08	-0,03	+47	+19	+32	+186	+2	+33	75	+368	104	103	103	103	102	103	96	95	101	98	113	104	109		
Ves IT 019990773631	Royal Idevra Mulligan		Planet	O Man	Int	77	+182	+5	70	85	+773	-0,16	-0,14	+0,00	+18	+14	+35	+106	-40	-13	60	+711	108	104	106	100	102	103	104	71	100	105	103	99	102		
Alt US 62959880	Beyercrest Altarehant		Ramos	Mto	Nat	97	+182	-11	3748	99	+134	+0,23	+0,07	+0,00	+26	+11	+6	+102	+9	-34	96	+515	106	107	106	99	99	98	104	99	95	97	101	99	98		
CRV NL 757607844	Delta Gandalf	BY	Snowwash	Ramos	Gnat	85	+182	-4	185	90	+57	+0,24	+0,00	+0,03	+24	+2	+5	+60	-3	-40	74	+680	104	107	106	98	101	101	107	91	99	105	105	103	105		
CRV NL 949247382	Flevo Genetics Whatsapp	RF	Supersire	Super	Gnat	89	+182	-16	324	94	+552	+0,36	+0,16	+0,00	+6	-6	-25	-20	-26	-23	78	+878	105	107	106	110	106	103	108	95	95	102	114	100	106		
Sem CA 11458020	Donnandale Juggernaut		Epic	Planet	Nat	84	+181	+1	223	91	+448	+0,06	+0,07	+0,11	+25	+22	+31	+152	+4	-26	73	+711															

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		Productie										€									
																		€										Functioneel									
																		€										Exterieur									
Sam	NL 330874052	Skalsumer Jorryn	Jocko	Celsius	Nat	98	+176	-2	6620	99	+1067	-0,18	+0,03	-0,09	+28	+40	+40	+235	+0	+76	99	+253	94	104	105	104	107	101	106	99	96	96	98	107	101		
Tot	DE 0355937068	Famous	Fanatic	Beacon	Gint	80	+176	+17	52	85	+787	+0,01	+0,01	+0,02	+34	+28	+38	+198	+39	+18	69	+382	101	102	105	101	99	100	104	85	100	101	106	104	105		
Tot	NL 611137630	Dg Lxr Superglass	Lexor	Super	Nat	81	+176	+3	1771	88	+307	-0,27	-0,04	-0,11	+38	+14	+4	+138	-7	-17	70	+434	106	107	103	106	103	95	104	84	98	99	109	96	102		
Kam	NL 872953437	Heuvel Denswill	Atlantic	Paramount	Gnat	81	+176	+0	145	87	+852	-0,54	-0,02	-0,05	-16	+28	+34	+91	-23	-39	71	+411	108	105	103	97	105	99	104	86	107	105	107	105	109		
CRV	NL 696227132	Delta Bonaparte	Bonanza	Shottle	Gnat	92	+175	+17	210	96	+408	+0,31	+0,19	-0,14	+46	+32	+6	+230	+16	-52	86	+155	105	99	99	96	102	96	107	93	101	105	109	109	111		
ABS	IT 019990607544	Go-Farm Zeber	Jeeves	Goldwyn	Int	87	+175	+8	139	93	+632	-0,01	-0,12	-0,01	+28	+11	+28	+112	+41	-9	77	+610	105	105	99	95	101	102	102	83	101	104	108	103	107		
CRV	NL 870286418	Delta Adapter P	RF PO Ohare-P	Fidelity	Gnat Gn	81	+174	-2	274	86	+1024	-0,04	-0,13	-0,01	+40	+23	+46	+192	-22	-48	66	+156	104	103	107	105	100	96	99	90	102	106	113	107	112		
Tot	FR 1445852638	Eliloz Dkr	Windy Knoll	Goldwyn	Nat	73	+174	+9	22	80	+1733	-0,62	-0,24	-0,07	+9	+35	+72	+184	+13	+1	67	+465	107	102	97	103	95	99	99	72	101	99	110	102	107		
CRV	NL 865198975	Delta Mirror	RF Perfect Aiko	Camion Cd	Gnat Gn	76	+174	+8	28	82	-170	-0,61	-0,24	-0,01	+45	+15	-9	+153	+7	+63	67	+184	103	103	99	103	101	104	108	85	100	103	107	105	107		
Kam	NL 924169340	Big Position	Twist	Joryn	Gnat	87	+174	-9	336	92	-370	+0,63	+0,32	-0,06	+37	+14	-22	+129	-9	-33	77	+471	103	105	105	98	103	97	106	90	102	108	104	104	106		
Sem	CA 11294745	Velthuis Alpine	Snowman	Planet	Nat	81	+173	+1	44	84	+1229	-0,10	-0,06	-0,06	+42	+37	+50	+255	-18	+64	78	+487	105	97	104	102	101	103	102	92	96	94	110	95	101		
CRV	NL 921223883	Vero Crown	Sudan	Goli	Gnat	96	+173	+15	2220	98	+752	+0,47	-0,13	+0,05	+77	+14	+39	+231	+13	+10	88	+166	105	99	101	103	106	105	107	99	101	105	105	106	106		
STG	US 71088720	Butz-Hill Megasire	Supersire	Man-O-Man	Nat	84	+173	+8	196	91	+227	+0,28	+0,07	+0,10	+35	+14	+19	+137	-7	-40	72	+456	109	104	109	104	106	97	100	91	104	106	108	98	105		
Ves	IT 019990749294	Pirola Planet Mufasa	Planet	O Man	Int	82	+173	-29	182	88	+685	-0,16	-0,04	+0,00	+14	+20	+31	+121	-85	+4	64	+567	105	105	101	103	104	99	102	84	100	102	103	103	103		
Alt	US 66011447	Sully Altameter	Planet	Shottle	Nat	97	+173	+6	2522	99	+1329	-0,46	-0,27	+0,05	+10	+19	+66	+119	+3	+5	95	+509	104	104	106	102	104	103	104	99	96	103	114	98	106		
CRV	NL 474825497	Delta Persuader	Mascol	Dustin	Gnat	98	+173	+8	15808	99	+304	-0,25	-0,01	-0,03	-10	+10	+17	+25	-7	+59	99	+391	107	107	104	99	95	96	102	99	100	100	96	110	103		
Sam	NL 926622612	Wegghorster Undercover	Emerald	Prince	Nat n	70	+172	n	63	77	+336	+1,03	+0,20	-0,10	+108	+30	+6	+352	n	-17	64	-11	100	104	104	101	104	100	100	75	104	103	98	102	102		
OBS	DE 0355203318	Platin	Plan Z	Man-O-Man	Gint	80	+172	-18	17	82	+1026	-0,13	-0,00	+0,06	+31	+36	+53	+229	-2	+16	80	+433	100	102	105	98	104	105	103	81	94	100	109	99	102		
Sem	CA 11113974	Misty Springs Supersonic	Super	Shottle	Int	85	+172	-4	128	93	+906	+0,06	-0,09	+0,00	+44	+23	+41	+199	+0	+5	80	+452	102	106	106	101	103	102	101	81	99	101	109	94	101		
Sam	NL 893665197	Jimm. Holstein Mr. Bobo	Maik	Active	Nat	77	+172	+52	118	87	+826	+0,07	-0,10	+0,02	+42	+19	+40	+178	+34	-12	67	+677	104	103	107	103	96	97	97	66	97	102	104	100	102		
Mas	DE 0355988713	Mozarella	Mogul	Destry	Gint	83	+172	+12	16	93	-3	-0,45	+0,15	+0,05	+39	+13	+4	+136	+10	-23	68	+431	104	101	107	102	102	109	102	80	99	106	117	104	112		
Kam	NL 549852801	Heuvel Lukoki	Maik	Paramount	Gnat	90	+172	-7	561	95	+715	-0,31	-0,01	-0,08	+1	+26	+25	+116	-20	-49	81	+650	102	106	100	99	105	104	100	93	100	104	111	105	109		
Tot	DK 03001001754	Hood M-O-M Emmet	Man-O-Man	Altabaxter	Gnat	96	+172	+31	1722	99	+296	-0,11	+0,05	+0,08	+3	+15	+21	+74	+0	-29	93	+694	103	106	101	104	106	102	106	98	104	102	109	102	107		
Sem	NL 933366981	Broeks Planner	Planet	Libthority	Int	76	+171	+8	27	90	+1316	-0,17	-0,09	+0,00	+39	+37	+60	+252	+2	-4	63	+403	103	99	100	100	104	106	82	102	106	109	104	108			
Tot	NL 925868619	Broeks Modious	Mogul	Toystory	Nat	84	+171	+39	243	90	+1883	-0,35	-0,32	+0,12	+43	+32	+99	+251	+57	+2	73	+332	101	101	104	102	105	109	100	86	102	104	110	102	108		
Dek	FR 2215667193	Ganache	Altaiota	Planet	Gint	81	+171	+81	29	90	+1096	-0,16	-0,10	+0,17	+31	+28	+67	+200	+87	-16	65	+229	103	105	104	102	102	104	100	82	104	104	105	104	107		
Alt	US 58912079	Melarry Altalex	Altasuplex	Roylane Socra R	Int	81	+171	+32	27	90	+670	-0,26	-0,15	-0,01	+4	+9	+30	+54	+53	+1	65	+699	104	109	108	101	104	102	82	98	101	106	98	102			
Alt	CA 107293708	Gepaquette Altaray	Altaiota	Bolton	Nat	85	+170	+26	176	91	+1727	-0,20	-0,28	+0,13	+53	+31	+92	+266	+44	-20	73	+206	102	103	102	97	104	103	102	83	106	104	110	99	107		
Tot	NL 730406457	Broeks Tapic	Epic	Badger-Bluff Fa	Nat	87	+170	-17	270	93	+393	-0,28	-0,08	+0,11	-9	+6	+28	+14	-26	-70	76	+703	107	103	107	100	107	105	108	87	105	107	113	104	112		
WWS	US 71392934	Lady-Manor Shakespeare	Epic	Shottle	Int	81	+169	-27	25	87	+761	+0,21	-0,06	-0,01	+32	+21	+34	+206	+27	-26	78	+453	105	101	104	99	104	100	102	75	102	104	112	98	107		
CRV	NL 710409645	Bosgoed Legende	Legend	Jublend	Nat	97	+169	+0	2332	99	+238	-0,13	-0,29	+0,01	+22	+34	+12	+189	+2	+6	95	+129	102	108	101	104	96	99	106	99	99	99	90	106	97		
CRV	NL 523913904	Newhouse Banker	Goldwyn	Mascol	Gnat	98	+169	+13	6432	99	+307	-0,02	-0,02	-0,01	+11	+9	+13	+64	+0	+41	95	+460	106	105	101	106	96	93	104	99	102	105	108	103	107		
K&L	DK 04165404818	Vh Bynke	Bismark	Ramos	Gint	81	+169	+20	15	81	+231	-0,11	+0,02	-0,01	+0	+10	+10	+44	+16	+25	67	+432	104	108	106	101	103	104	102	79	95	99	106	102	103		
CRV	NL 520287673	Aurora Jeroen	Bertil	O Man	Gnat	97	+168	-5	5268	99	+727	+0,28	-0,22	-0,06	+58	+46	+27	+319	-7	+2	95	+86	106	99	91	102	95	90	102	99	99	107	102	105	104		
Alt	US 3010979794	Kp-Ack Altalegal	Mogul	Planet	Nat	77	+168	-9	85	80	+1373	+0,03	-0,10	+0,06	+61	+38	+69	+305	+57	+49	75	+382	103	96	105	97	104	101	97	75	96	102	108	100	103		
CRV	NL 611107316	Slobooms Drone	Dynamo	Gibor	Gnat	87	+168	-10	191	92	+347	-0,11	-0,28	+0,03	-25	+38	+19	+214	-2	+10	75	+460	105	101	95	104	95	102	101	91	101	104	105	103	105		
Alt	US 3014335076	Mr Hue Heffner	Diamond	Epic	Nat	73	+168	-18	112	81	+367	+0,02	+0,18	+0,04	+17	+29	+20	+161	-10	-59	61	+534	103	107	99	104	106	100	102								

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		Productie										Functieel									
																		€										€									
Gex	US 69990052	De-Su Freddie Galaxy	Badger-Bluff F Planet	Nat	89	+162	+19	199	95	+920	-0.03	-0.08	+0.01	+36	+24	+43	+187	-11	-36	79	+339	104	101	104	99	106	99	100	92	102	108	110	105	110			
Kam	NL 765126845	Gieschen Charity man	Snowman Goldwyn	Gnat	95	+162	-5	1358	98	+1242	-0.19	-0.25	+0.09	+34	+18	+66	+165	-7	-8	90	+534	106	98	102	100	97	99	100	98	102	104	118	100	111			
Sam	NL 921223890	Vero Ganador	Goliath Planet	Nat	86	+162	+3	178	93	+950	-0.27	-0.04	+0.09	+14	+29	+52	+164	+5	-22	76	+639	106	101	104	100	103	101	104	83	98	105	107	96	102			
CRV	NL 947608400	Batenburg G. Mandela	RF Maik Fidelity	Gnat	86	+162	-19	361	90	+639	-0.02	+0.03	-0.04	+25	+25	+25	+163	+13	-43	73	+362	102	105	100	100	104	101	99	93	98	102	106	108	107			
Sem	US 70358185	Sandy-Valley Chipper-P	RF PO Colt P	Planet	77	+162	-14	42	85	+1181	-0.56	-0.21	+0.13	-6	+20	+67	+90	-22	+43	69	+702	107	105	102	101	105	102	97	79	90	95	114	93	100			
Ves	IT 23990261443	Mincio Holstein Ludico	Laudan Boss Iron	Int	80	+161	+24	66	88	+1197	-0.14	-0.08	-0.01	+37	+34	+54	+233	+1	+18	70	+436	106	98	103	97	96	104	101	70	100	101	101	101	101			
OBS	DE 0355600702	Movie	Mogul Snowman	Gint	79	+161	+8	31	82	+944	-0.03	-0.09	+0.04	+37	+24	+47	+190	+9	+5	68	+416	102	96	103	100	103	110	102	81	105	106	117	107	115			
CRV	NL 926209585	De Tuunte Delta Perennial	BY Plan Super	Gnat	85	+161	-18	162	91	+1128	-0.70	-0.15	+0.08	-21	+24	+59	+72	-21	-2	72	+504	103	109	102	103	101	103	102	91	97	100	111	98	104			
Alt	US 543415590	Oelhorst Mick Aluminium	Prince	Active	Nat 2n	79	+161	+16	62	87	-172	-0.18	+0.06	+0.09	+8	-1	+0	+13	-7	+23	71	+689	104	106	101	102	101	98	103	72	95	99	106	105	104		
Ves	NL 68886414	Bomaz Alaphonic	Man-O-Man Nifty	Int	83	+160	-12	22	90	+848	+0.24	+0.04	-0.01	+59	+33	+38	+271	-32	+10	72	+153	103	103	102	107	102	99	103	82	97	102	96	100	97			
CRV	NL 924751938	Veneriete Scatter	Shaw Goldwyn	Gnat	85	+160	-7	186	90	+923	-0.27	-0.09	+0.03	+13	+23	+45	+135	+26	-72	73	+580	105	105	98	104	102	102	104	91	100	105	106	101	104			
CRV	NL 928072237	Delta Sylvio	Snowrush Stan	Gnat	84	+160	-17	171	89	+453	+0.05	-0.07	+0.09	+24	+9	+29	+96	-23	-16	73	+612	109	102	88	104	103	98	106	91	99	102	113	101	107			
CRV	NL 583671310	Delta Anthony	Atlantic Niagra	Gnat Gn	80	+160	-27	234	86	-859	+0.64	+0.43	+0.00	+14	+4	-39	+34	-56	-101	64	+392	108	107	110	105	103	93	105	89	105	107	106	104	108			
K&L	SE 0106527083	Vh Ersmack Sterngold Sprite	Stemgold Rakuuna	Gint	84	+160	+26	40	84	-79	-0.09	-0.05	+0.08	-5	-2	+11	-15	-3	-25	80	+551	108	106	103	105	102	103	102	84	92	97	109	107	106			
Alt	US 69169951	Pine-Tree Altaoak	Niagra Leif	Nat	93	+159	+3	662	98	+1645	-0.29	-0.21	+0.16	+40	+35	+92	+255	+0	-33	86	+314	106	102	102	97	100	100	95	94	100	105	109	98	104			
Alt	US 61898306	Regancrest Altaiota	O Man Ito	Nat	98	+159	+10	12878	99	+1008	-0.03	-0.07	+0.20	+40	+28	+66	+219	+7	-17	99	+12	100	107	106	102	100	104	102	99	104	106	106	101	106			
OBS	DE 0355400190	Lexus	Lexor Super	Gint	78	+159	-16	21	82	+303	+0.41	-0.17	-0.04	+50	+26	+10	+215	-3	-22	67	+46	102	106	104	106	101	102	101	79	95	99	106	99	101			
ABS	US 62744636	Regancrest-Pj Tabber	O Man Boliver	Nat	91	+159	+32	271	94	+1141	-0.18	-0.10	+0.06	+31	+30	+58	+206	+52	-18	85	+357	103	105	97	104	99	99	103	93	99	103	104	99	102			
Sam	NL 712321327	Wegghorster Ashburton	Maik Garrison	Nat	91	+159	-8	361	96	+1056	-0.19	-0.11	-0.04	+26	+26	+44	+174	-32	-8	83	+438	96	103	104	99	101	103	102	90	99	103	106	109	108			
Kam	NL 869267774	Big Winnetoe	Windbrook Joryn	Gnat	91	+159	-11	362	96	-560	+0.76	+0.23	+0.04	+39	+1	-22	+79	-3	-29	83	+206	105	104	107	102	101	89	107	91	101	105	111	105	110			
OBS	DE 0354562985	Beach	Beacon Goldwyn	Gnat	88	+158	-4	160	93	+862	+0.19	-0.04	+0.02	+55	+26	+41	+234	-6	-23	77	+140	104	102	100	101	102	98	98	87	98	99	110	101	105			
CRV	NL 531840038	Delta Vitality	BY Gibor Ramos	Gnat	97	+158	-19	4812	99	+956	-0.16	-0.01	-0.05	+25	+32	+39	+195	+5	+20	92	+330	105	99	104	105	100	99	101	99	101	104	104	105				
Sem	US 66382657	Monument Impression	Socrates Potter	Nat	92	+158	+3	918	96	+1516	-0.35	-0.30	+0.05	+28	+22	+74	+171	+17	-23	86	+682	107	98	107	95	107	100	98	95	106	106	109	99	107			
Kam	NL 549852661	Heuvel Sana	Maik Cello	Gnat	93	+158	+22	629	97	+442	+0.12	+0.03	-0.06	+30	+18	+15	+141	+19	+17	84	+569	102	103	98	100	99	96	100	94	94	101	111	102	105			
Sem	CA 10847042	Marbri Facebook	Man-O-Man Airmaid	Int	87	+157	+16	51	93	+1227	+0.19	-0.04	-0.01	+71	+39	+55	+326	+37	-9	80	+139	100	106	93	102	101	100	92	95	101	104	96	99				
Mas	DE 0354812817	Fanatic	Badger-Bluff F Planet	Gnat	96	+157	-8	952	99	+214	+0.37	+0.14	+0.09	+42	+20	+18	+176	-2	-40	90	+481	97	105	110	101	104	106	102	99	105	108	107	101	107			
CRV	NL 916231237	Oosterzicht Walter	Levi Atlantic	Gnat	82	+157	+12	108	88	-128	+0.05	+0.07	-0.09	-1	+2	+4	+2	+4	-34	73	+440	111	107	103	105	102	103	103	88	102	103	111	100	107			
CRV	NL 916231369	Oosterzicht Gembo	Shaw Wonder	Gnat	81	+156	-8	117	87	+1579	-0.19	-0.10	+0.11	+48	+45	+83	+310	+15	-33	69	+511	99	99	99	100	103	105	101	88	102	106	107	99	105			
OBS	DE 0355936991	Reinermann Rusfort Genial	Genesis Super	Gint	76	+156	+9	20	78	+1627	-0.43	-0.11	+0.06	+25	+45	+80	+261	+16	-19	76	+570	100	98	93	99	94	103	104	78	100	103	108	103	106			
CRV	NL 919642401	Delta Revolver	Snowmush Aswin	Gnat	85	+156	-21	205	90	+56	+0.45	+0.24	-0.02	+42	+23	+1	+183	+35	+46	75	+335	101	104	98	97	97	97	101	92	98	95	109	100	103			
Tot	CA 9608054	Boldi V S G Anton	Epic Man-O-Man	Nat	74	+156	+14	23	81	+1046	-0.25	-0.15	+0.08	+20	+22	+56	+149	+7	-58	66	+447	103	103	103	105	104	106	102	78	100	106	115	101	109			
WWS	US 3008710387	Cookiecutter Petron Halogen	Welcome Supe Man-O-Man	Nat	82	+156	+9	88	89	+36	-0.02	-0.21	+0.28	+0	-17	-23	-77	+40	-23	70	+439	111	113	104	104	99	101	104	87	94	99	113	95	102			
Alt	US 69088924	Winterlance Altaloki	Badger-Bluff F Sandy	Nat	78	+155	+12	42	85	+749	-0.01	+0.02	+0.16	+31	+28	+49	+195	+3	-34	65	+358	104	105	101	102	104	101	67	102	105	106	98	103				
CRV	NL 872917945	Barnkamper Superior	Supersire Boxer	Gnat	86	+155	+7	175	92	+972	-0.22	-0.13	+0.01	+20	+21	+45	+142	+15	-8	74	+649	107	101	105	102	101	96	102	91	103	104	107	95	103			
Sam	NL 746035111	Farmers Wish Wag, Madiba	D Mason Active	Nat	86	+154	+27	257	92	+126	+0.46	+0.12	-0.04	+46	+15	-2	+159	-2	+46	75	+438	103	102	103	105	100	108	100	85	97	97	105	101	102			
K&L	US 71178738	Pine-Tree Ohio Style P	Co-Op O-Style Signif-P	Nat	75	+154	+8	40	84	+1318	-0.25	-0.28	-0.05	+31	+18	+55	+155	+22	+52	64	+257	104	105	108	106	100	98	100	80	94	94	95	105	96	98		
Tot	US 3008461866	St Genomicpro Ezra	Mayfield Garrett	Nat	80	+154	-11	103	87	+1192	-0.31	-0.21	-0.12	+20	+21	+42																					

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		Productie										Functioneel									
																		€										€									
WWS US 3004373269	Ronelec Gold Denali	Goldwyn	Outside	Nat	88	+149	+31	172	91	+1089	-0,29	-0,18	+0,05	+18	+20	+55	+136	+6	-57	83	+311	106	103	105	99	97	100	106	91	101	105	106	100	104			
Sem CA 11595003	Claynook Deductive	Numero Uno	Planet	Int	84	+149	+12	34	89	+980	-0,16	-0,21	-0,01	+26	+14	+44	+125	+8	+30	71	+595	103	102	97	102	105	103	104	87	93	101	113	97	103			
Alt US 68999396	Blue-Horizon Altasuplex	Super	Planet	Nat	84	+149	+20	64	86	+649	-0,60	-0,21	+0,11	-29	+3	+40	-37	+34	-4	80	+805	106	109	105	102	100	102	103	84	97	100	111	94	102			
Alt US 72421381	Ste-Pen Altawishin	Supersire	Altabaxter	Int	80	+148	-27	70	89	+1849	-0,12	-0,11	+0,00	+66	+53	+84	+381	-29	-22	67	+375	99	94	106	101	105	96	101	70	106	103	106	97	104			
AWE NL 882493602	JK Eder Dastin	Danillo	Planet	Gnat	84	+148	+12	38	87	+770	-0,08	-0,01	+0,01	+25	+28	+34	+178	+11	-24	72	+248	100	103	104	103	99	101	102	82	104	105	105	106	108			
CRV NL 840526283	Benthemmer Emiel P	PO Parker P	Stol Joc	Gnat	81	+148	-7	111	87	+1145	-0,31	-0,12	-0,02	+18	+28	+50	+168	+3	+10	71	+219	106	103	103	102	90	94	101	88	103	104	107	98	104			
Alt US 69092908	Rosylanc-Llc Altabowie	Bowser	Ramos	Int	85	+148	+3	31	91	+1411	-0,71	-0,27	+0,00	-12	-22	+64	+84	-7	-13	77	+527	100	107	108	112	101	103	103	74	96	100	109	98	103			
K&L US 72641548	Mr Emily Exploding Star	RF PO Lirr Special Ef	Altabaxter	Nat	74	+148	+6	32	81	+128	-0,06	-0,06	+0,08	+0	-1	+13	+0	+11	+35	65	+714	108	102	100	105	102	95	100	82	92	95	116	101	106			
CRV NL 582559945	Delta Cupido	Wonder	Paramount	Gnat	97	+148	+29	4803	99	+298	-0,34	-0,08	+0,10	-18	+3	+23	-19	+23	+14	93	+740	108	105	104	99	105	95	99	99	101	103	109	101	106			
WWS US 68771322	Mr Goldnoaks Magnus	Man-O-Man	Shottle	Nat	86	+147	+26	132	89	+976	+0,26	+0,18	+0,08	+67	+52	+52	+370	+51	-30	82	-62	102	101	101	101	100	96	99	85	103	103	106	96	102			
Alt US 57187059	Larcrest Altasnowcrest	Snowman	Shottle	Int	83	+147	+12	35	91	+815	+0,10	-0,06	+0,00	+44	+23	+37	+198	+2	-51	78	+342	106	103	102	99	103	96	79	102	106	109	96	104				
WWS US 140145553	Mr Chassity Gold Chip	Goldwyn	Shottle	Nat	95	+147	+24	558	98	+577	-0,26	-0,38	-0,02	+0	-15	+24	-54	+7	-42	91	+740	108	102	108	104	107	100	103	97	103	104	118	104	113			
WWS US 66800610	Rich-Banks He-Man	Man-O-Man	Goldwyn	Int	86	+146	+7	56	91	+1384	-0,38	-0,06	+0,00	+20	+42	+63	+233	+12	-16	78	+142	104	103	100	103	102	105	104	83	99	103	108	95	102			
CRV NL 731578959	Walclass Freepaly	Fanatic	Shogun Ps	Gnat	88	+146	+5	1034	91	-122	+0,15	+0,06	+0,11	+8	+1	+4	+22	-8	-46	76	+640	102	108	102	105	102	101	105	96	104	105	105	103	106			
Sem CA 11720423	Brabantdale Receive	Let It Snow	Man-O-Man	Int	73	+145	+33	20	87	+423	+0,46	+0,32	+0,00	+60	+44	+19	+312	+52	-13	48	+339	102	99	94	92	100	100	82	99	104	112	95	104				
NL 359508334	Broeks Plarald	Emerald	Planet	Nat	89	+145	+5	293	95	+607	+0,53	+0,04	-0,08	+76	+25	+20	+268	+12	-52	80	+122	102	96	102	95	103	102	104	91	104	108	107	108	110			
Sam NL 738916954	Farmers Wish Batenburg Lar:	Lonar	O Man	Nat	92	+145	+12	468	97	+1408	-0,21	-0,20	-0,01	+39	+29	+63	+220	+18	+36	84	+510	98	105	99	103	97	106	102	91	96	101	96	97	95			
Mas NL 882812023	Ericc	Explode	Planet	Gnat	85	+145	+18	158	90	+1467	-0,21	-0,26	+0,05	+41	+25	+72	+210	+9	-17	73	+484	105	100	102	100	103	101	103	90	105	105	105	95	102			
DK 03372305890	Leno	Lexor	Time	Gnat	74	+145	+90	12	78	+387	+0,19	+0,03	+0,03	+34	+16	+15	+142	+7	-37	72	+220	100	105	107	114	105	97	101	91	95	101	106	102	103			
Alt US 71494657	Mr Moviestar Mardi Gras	Mogul	Planet	Nat	84	+145	-4	111	90	+102	-0,28	-0,01	+0,15	+29	+3	+18	+79	-27	+7	79	+490	98	106	106	102	108	105	101	88	103	105	117	100	111			
Sam NL 536575616	1 Brook Aquarel	Garrett	Jorryn	Nat	93	+144	+3	507	98	+895	-0,07	-0,13	+0,22	+31	+19	+62	+162	+5	+21	89	+558	104	99	106	104	105	95	101	91	98	103	104	99	101			
GGI NL 867560215	Rieten Eragon	Epic	Bogart	Gint	80	+144	+2	26	84	+1283	-0,32	-0,28	+0,08	+22	+17	+67	+136	+2	-63	70	+520	102	105	103	101	101	100	100	82	104	105	110	98	106			
ABS US 137804641	Cordes-Maid Stonewall	Shottle	Durham	Nat	98	+144	+9	9023	99	+63	+0,06	+0,05	+0,13	+8	+7	+14	+50	+0	-36	99	+280	105	109	104	100	106	91	101	99	102	106	105	103	106			
CRV NL 533285697	De Biesheuvel Bertoli	Bertil	O Man	Gnat	96	+143	+0	820	99	+529	+0,37	+0,29	-0,07	+57	+45	+18	+310	+7	-42	93	-62	104	99	93	100	95	89	104	98	106	105	103	105	107			
CRV NL 342544408	Dudam Surprise	Dustin	Luxemburg	Gnat	99	+143	-7	39212	99	+216	+0,06	-0,11	+0,08	+15	+17	+17	+106	+2	+33	99	+402	104	103	101	105	99	97	107	98	95	98	99	98	97			
Alt US 71441918	Zabbulls Alta Istclass	Numero Uno	Dorey	Nat	81	+143	+8	102	88	+187	+0,39	-0,07	+0,16	+43	+0	+23	+97	+4	+19	71	+569	104	105	101	100	108	104	95	87	98	100	121	94	107			
CRV NL 496293313	Delta Ammo	Goldwyn	Win 395	Gnat	98	+142	+16	3118	99	+1009	-0,15	-0,13	+0,00	+28	+22	+46	+163	-2	+21	97	+373	103	101	106	106	97	98	102	99	96	103	105	99	101			
Gex US 138851507	Wa-Del Surefire	Ramos	O Man	Nat	94	+142	-10	1132	97	+1415	-0,47	-0,21	-0,08	+12	+28	+56	+157	+9	-48	89	+275	104	102	105	98	105	101	103	96	103	106	107	102	107			
Kam NL 897770440	Koepon Wellness	Fibrax	Mascol	Gnat	96	+142	+22	1099	99	-83	+0,40	-0,24	-0,11	+31	+18	+13	+135	+22	-28	93	+68	102	106	97	103	99	100	104	94	97	102	105	104	104			
Kam NL 469960884	De Bieuw Kindness	Shottle	Emerson	Nat	97	+142	-5	2258	99	+590	+0,15	-0,12	+0,05	+39	+9	+32	+128	+0	+20	97	+661	106	95	98	100	100	97	107	99	101	104	108	102	106			
GGI UK 912004240631	Key	Super	Buckeye	Gint	84	+142	-27	25	83	+666	-0,10	-0,09	+0,05	+19	+15	+35	+112	-2	-18	80	+284	103	106	104	99	100	101	102	81	100	104	110	99	105			
CRV NL 719504312	Delta Sirocco	RF CD Stellando Rf	Goldwyn	Gnat	88	+141	-21	183	93	+116	+0,64	+0,18	+0,00	+62	+20	+5	+214	-20	+29	77	+85	98	101	104	106	105	104	102	92	106	104	104	107	108			
ABS UK 933006964736	Ards Proclaimer	Mogul	Man-O-Man	Nat	79	+141	+9	164	86	+233	+0,42	+0,15	+0,09	+48	+22	+19	+197	+35	-94	68	+257	103	102	101	97	101	105	103	85	102	107	113	101	109			
GGI NL 882811556	Sundance	Sudan	Planet	Gnat	94	+141	+20	1199	97	+699	+0,04	+0,03	+0,13	+34	+27	+44	+195	+6	-52	85	+658	103	100	103	100	100	102	103	99	100	106	101	98	100			
Sam NL 641090301	Grashoek Moneymaker	RF Maik	Albionix	Nat	87	+141	+5	343	93	+563	+0,19	+0,03	+0,00	+42	+22	+26	+186	+12	+14	77	+266	99	105	98	98	103	94	103	87	96	101	102	102	101			
AWE UK 727942400111	Wiltor Cruise	Altaiota	Planet	Nat	74	+141	-25	28	79	+776	-0,03	-0,05	+0,12	+30	+22	+47	+167	-14	-54	73	+280	105	105	101	102	98	97	82	105	104	102	101	104				
Alt CA 11569683	Cedarwal Altasexchange	Mogul	Man-O-Man	Int	79	+141	+12	27	88	+1527	-0,42	-0,29	-0,01	+22	+23	+69	+161	+23	+12	58	+335	98	104	108	104	106	106	103	72	99	102	109	98	104			
Kam NL 894312427	Windfall Profit	Butembo	O Man	Gnat	89	+141	+2	156	94	+432	+0,72	+0,37	-0,08	+42	+16	-26	+146	+6	-8	82	+62	100</															

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont

April 2019

Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgF	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext																								
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T																								
Melkdoel Zwart																		Productie										€										Functioneel										Exterieur									
Dek US 65801567	Hartline Jareb Cri	Planet	Duce	Int	86	+136	+6	82	91	+598	+0,04	-0,12	+0,00	+29	+10	+27	+110	+6	+24	77	+505	101	101	103	100	106	106	101	89	99	102	109	103	106																							
K&L FR 6413261080	Hendrix	Levi	Shuttle	Gint	77	+136	+6	20	81	+962	-0,42	-0,14	-0,03	+0	+20	+41	+94	+30	-56	68	+393	105	103	102	103	102	104	83	98	104	111	101	106																								
CA 105343477	Boisblanc Jackson	Jeeves	Bolton	Nat	77	+136	+0	33	84	+823	-0,36	-0,11	+0,07	+0	+18	+44	+87	+27	-6	71	+653	104	103	100	96	103	95	100	81	99	103	106	97	102																							
Sem CA 11294722	Velthuis Let It Snow	Snowman	Planet	Nat	88	+135	-20	184	94	+1563	-0,27	-0,05	+0,09	+39	+49	+81	+307	-17	-19	80	+505	100	95	93	94	99	107	97	91	106	106	114	101	111																							
CRV NL 941396910	Delta Governor	Snowfever Cd	Bolton	Gnat	87	+135	-5	198	92	+295	+0,30	-0,01	+0,06	+40	+11	+19	+135	-3	+22	77	+371	102	101	100	102	106	101	100	93	96	99	113	102	107																							
Sem CA 107648780	Parile Locarno	De-Su Pierre 64	Man-O-Man	Nat	72	+135	+1	44	83	-8	+0,16	-0,14	+0,13	+14	+12	+11	+82	+7	+34	63	+280	109	105	95	103	95	94	73	90	98	106	99	99																								
Tot UK 915250411682	Glamour Carlo	Mogul	Roylane Socra R	Gnat	82	+135	+27	161	87	-238	+0,67	-0,02	+0,13	+47	-10	+0	+58	-3	-17	70	+416	100	105	101	101	107	104	103	87	97	105	113	105	109																							
Toe NL 929745392	Mars Repro Ippon	Perfect Aiko	Fibrax	Nat	70	+134	n	98	79	+111	+0,36	+0,22	+0,06	+37	+23	+10	+175	n	+4	49	+70	102	105	103	96	99	100	102	74	98	103	109	97	103																							
Kam NL 53235881	Gansey's Leonidas	Goldwyn	Kian	Gnat	96	+133	-2	2601	99	+398	+0,00	+0,10	-0,05	+17	+23	+14	+134	+13	-6	93	+154	104	101	101	99	93	97	99	99	100	102	114	105	110																							
K&L SE 0495373239	Torlan	Ford	Mtoto	Int	85	+133	+0	31	91	+608	-0,08	-0,09	-0,01	+18	+13	+27	+99	-1	+5	80	+170	109	104	106	97	105	95	85	101	102	102	99	101																								
Sam NL 748398751	Manifesto Van De Peul	Massey	Goldwyn	Nat	75	+133	+5	120	84	+21	+0,30	+0,11	-0,08	+27	+10	-6	+96	+13	-20	65	+353	105	101	107	100	106	99	99	72	98	100	110	101	105																							
CRV NL 499946960	Blom Farm Award	Ramos	O Man	Gnat	98	+133	-7	1940	99	+357	-0,16	-0,09	+0,06	+1	+4	+22	+25	-11	+19	96	+619	108	104	102	105	100	101	105	99	103	108	107	96	104																							
ABS US 139316388	Brandt-View Mungo	Mascol	Alton	Nat	85	+132	+5	185	90	+803	+0,06	-0,03	+0,04	+40	+25	+40	+199	+39	+38	79	+235	100	102	99	104	98	107	100	83	98	101	100	104	102																							
CRV NL 431822727	Delta Malaga	Jordan	Jocko	Gnat	98	+132	+0	3172	99	+1314	-0,48	-0,16	-0,03	+7	+30	+57	+155	+2	+107	97	+764	99	97	105	106	102	102	99	98	96	103	99	100																								
CRV NL 917026850	Delta Brinker	Sherlock Rf	Augustus	Gnat	84	+132	-12	152	89	-69	+0,14	+0,20	+0,01	+9	+15	-2	+80	-73	-7	73	+102	106	104	100	103	100	94	99	91	100	103	106	109	108																							
Kam NL 968458213	Apina Gunpower	Gunnar	Ramos	Gnat	84	+132	+7	97	90	+735	-0,22	-0,15	-0,02	+10	+11	+32	+76	+23	-1	74	+464	104	104	107	104	101	98	105	86	106	106	103	97	103																							
Sem IT 17990915143	Amighetti Numero Uno	Man-O-Man	Shuttle	Nat	96	+132	+14	834	99	+15	+0,46	-0,07	+0,06	+41	-6	+6	+63	+2	-21	93	+581	103	107	101	99	105	103	102	98	101	104	114	93	105																							
CRV NL 393344640	Blarinckhorst Romeo	Ramos	Sabre	Gnat	98	+132	+3	5340	99	+639	+0,28	+0,18	-0,10	-4	-8	+37	+52	+1	+13	99	+578	104	105	103	103	105	104	107	99	96	96	102	107	106																							
AWE DE 1501192456	Hmo Monreal	Man-O-Man	Shuttle	Nat	80	+131	+4	40	83	+887	+0,04	+0,07	+0,16	+42	+38	+56	+261	-6	-71	81	+118	105	101	100	94	101	97	102	93	103	102	107	96	103																							
CRV NL 939013285	Willem's Hoeve Robinson	Sherlock Rf	Snowman	Gnat	87	+131	+14	208	92	+1686	-0,50	-0,15	+0,00	+19	+43	+77	+239	+53	+4	76	+122	105	95	99	102	98	103	100	92	99	100	107	106	107																							
GGI DE 0355203395	Enzian	Epic	Man-O-Man	Gint	79	+131	-8	25	82	+422	+0,36	+0,12	+0,00	+51	+26	+19	+219	-3	-45	70	+262	98	101	99	98	102	104	102	82	104	104	112	103	110																							
Sem CA 107904801	Riter Fs Euphoric	Mogul	Badger-Bluff Fa	Nat	81	+131	+16	140	89	+858	-0,15	-0,07	+0,13	+22	+23	+52	+156	-5	-11	70	+331	97	103	107	99	108	109	100	83	106	105	113	101	110																							
CRV NL 539258462	Delta Edison	Peinzer Boy	Paramount	Gnat	98	+131	-2	2545	99	+324	-0,37	-0,03	+0,14	-45	-14	-3	+153	+6	+33	97	+807	105	108	102	96	102	105	101	99	97	99	112	105	108																							
Alt US 139765360	Lake-Elect Altacaliber	Goldwyn	Shuttle	Nat	97	+130	-3	2993	99	+1084	-0,36	-0,07	+0,08	+11	+31	+57	+167	+3	-28	95	+219	100	103	103	100	101	108	103	99	103	107	115	98	109																							
ABS NL 970159722	Piston Shuttle Et	Mtoto	Aerostar	Nat	98	+130	-6	4297	99	+897	-0,23	-0,26	+0,12	+16	+6	+53	+74	+0	-28	99	+681	105	101	102	95	110	98	103	99	102	105	108	99	105																							
ABS US 52357952	Ralma Focus	O Man	Durham	Int	90	+130	-3	54	94	+1141	-0,47	-0,32	+0,00	+2	+8	+52	+53	+1	-2	85	+248	107	107	105	110	98	99	98	91	99	100	103	101	102																							
US 72127270	Mr Alphagen Dagon	Mogul	Ronelee Toystor	Int	76	+130	+4	23	89	+461	-0,15	-0,11	+0,00	+6	+6	+21	+44	-16	-39	53	+252	100	105	102	99	102	103		86	103	105	119	109	116																							
CA 107739106	Jolicap Gold Chip Etech	Gold Chip	Altabaxter	Int	75	+130	+10	25	90	+297	-0,11	-0,27	-0,01	+3	-14	+13	+47	-16	-50	73	+731	107	103	103	104	106	98		72	104	105	115	105	113																							
Kam NL 865563717	Kik Prizewinner	Big Winner	Shuttle	Gnat	80	+129	+9	130	86	+1024	-0,31	-0,10	-0,09	+13	+26	+38	+145	+40	+19	70	+589	101	103	95	93	104	102	103	86	102	103	106	96	102																							
WWS US 133937345	Ali-Richi Paxton-Et	O Man	Rudolph	Int	87	+129	+3	17	91	+1001	-0,42	-0,11	-0,01	-2	+24	+45	+116	+17	-56	83	+357	104	106	102	103	99	101	102	88	106	105	103	99	104																							
Kam NL 890152285	Heuvel Bulykin	Lonar	Paramount	Gnat	84	+129	+8	661	98	+335	+0,05	+0,01	-0,03	+10	+13	+13	+78	+8	-21	89	+325	105	102	106	100	99	94	103	94	103	106	104	104	106																							
Ves IT 034990462594	Spinal Prince Milo	Prince	O Man	Int	80	+129	-2	67	88	+377	+0,00	-0,09	+0,00	+16	+5	+17	+59	-58	-20	61	+553	103	105	97	105	104	101	104	74	99	103	100	104	102																							
ABS UK 949241220853	Ballycairn Oman Pello	O Man	Goldwyn	Nat	95	+128	-3	2563	98	+1520	-0,14	-0,13	-0,02	+50	+40	+67	+289	+3	-55	90	+360	102	101	102	108	98	102	104	98	104	108	97	92	97																							
CRV US 3000540481	Cookiecutter Mom Hunter	Man-O-Man	Shuttle	Gnat	98	+128	+1	2162	99	+944	-0,11	-0,01	+0,10	+29	+32	+53	+208	+6	-42	95	+139	99	104	102	101	108	104	103	99	102	107	106	100	105																							
Sem IT 019991072160	Go-Farm Raptown	Cosmopolitan	Pitbull	Nat	77	+128	+43	77	85	+752	-0,13	-0,12	+0,05	+20	+15	+39	+115	+64	-58	66	+355	106	104	101	95	103	95	95	83	104	106	112	101	109																							
WWS US 61886730	Jenny-Lou Shuttle Trump	Shuttle	Bw Marshall	Int	85	+127	-7	30	91	+1631	-0,37	-0,39	+0,00	+31	-16	+74	+153	-8	-26	76	+425	105	102	95	94	102	100		89	104	104	108	100	106																							
Sem CA 107381512	Lookout P Embracing	Lauthority	Shuttle	Nat	83	+127	-8	146	92	+918	-0,19	-0,15	+0,03	+21	+17	+45	+127	-9	-25	73	+151	101	104																																		

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI +/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET +/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext										
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI +/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET +/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart																	Productie										€					Functieel					Exterieur				
WWS US 68571374	Mr Apples Armani	RF CD	Goldwyn	Regiment	Nat	2n	86	+123	+23	97	89	-1510	+120	+0.39	-0.11	+23	-24	-77	-73	-8	+28	82	+130	106	106	104	103	104	101	105	87	95	99	115	106	109					
Mas DE 0356223753	Filou Rdc	RF	Fanatic	Elbum	Gnat		83	+122	+21	110	89	+692	-0.42	-0.06	+0.11	-10	+18	+42	+65	+37	-9	71	+499	100	107	105	99	102	106	103	89	107	109	108	101	108					
CRV US 62188557	Sandy-Valley Deputy		Laudan	Outside	Int		86	+122	+1	46	92	+629	-0.40	-0.19	-0.01	-11	+4	+28	+2	-6	-5	81	+472	111	102	102	95	98	103	102	81	98	102	106	100	103					
Kam NL 716454975	Kik Stonchenge		Stonewall	Amateur	Gnat		80	+121	-4	134	87	+300	-0.23	+0.06	+0.10	-8	+16	+23	+56	-11	+23	70	+274	101	105	101	102	101	94	103	82	94	100	104	105	103					
Sam NL 927185899	Big Sentaro		Shogun Ps	Jorjyn	Nat		90	+121	-7	271	96	-101	+0.08	+0.08	+0.00	+3	+3	-5	+17	-20	-14	82	+591	106	105	102	102	102	98	102	88	100	101	107	97	102					
CRV NL 497081841	Skalsumer Blitz		Paramount	O Man	Gnat		97	+120	+4	4113	99	+1979	-0.32	-0.10	+0.08	+50	+58	+99	+373	+3	-16	94	+137	105	91	96	102	103	98	96	99	102	103	98	105	103					
Alt US 69522869	Hendel Altabereng		Bowser	Shottle	Nat		83	+120	+6	49	85	+950	-0.21	-0.06	+0.01	+20	+27	+44	+166	+15	-20	80	+190	98	104	102	101	101	101	102	82	96	102	110	100	104					
Sam NL 920078770	Dg All Star P	RF PP	Ohare-P	Colt P	Nat	n	71	+120	n	68	79	+730	-0.23	-0.26	-0.01	+9	+1	+32	+33	n	-17	60	+356	104	106	106	99	100	95	99	71	98	103	110	100	105					
CRV NL 757607680	Delta Jar		Sherlock Rf	Snowman	Gnat		81	+120	-3	108	87	+610	-0.44	-0.18	+0.08	-15	+4	+35	-5	-15	-48	71	+321	107	102	105	97	105	102	103	89	103	105	105	110	110					
Dek FR 4241164615	Billard		Mascol	Lancelot	Nat		94	+119	+0	531	98	+608	-0.23	+0.19	+0.14	+4	+39	+41	+181	+9	+33	90	+437	100	100	104	104	98	101	101	91	102	101	97	100	99					
CRV NL 294753949	Delta Linfield		Addison	Branco	Gnat		99	+119	+0	15794	99	+251	+0.03	+0.02	+0.14	+13	+11	+24	+80	+0	+87	99	+32	103	102	106	99	96	100	104	99	104	103	97	106	103					
Sam NL 893612674	Mastenbroker Fletcher		Emerald	Paramount	Nat		80	+118	+11	110	87	+1038	-0.31	-0.07	+0.04	+14	+29	+51	+164	+48	-35	71	+30	100	102	103	96	101	95	103	83	106	107	108	105	110					
Sem CA 105889677	Gen-I-Beg Halak		Planet	Goldwyn	Int		89	+118	+0	90	93	+339	+0.23	+0.05	-0.01	+35	+16	+15	+144	+13	+20	81	+186	103	105	100	103	99	102	99	90	99	102	103	98	101					
Kam NL 878742754	Mars Bodyguard	RF	Jenado	Shottle	Gnat		94	+118	-3	456	98	+202	-0.00	-0.10	+0.02	+9	+16	+11	+88	+4	+22	89	+317	106	101	102	98	105	102	104	92	97	100	102	100	100					
CRV NL 925080819	Az Liberty		Fanatic	Danillo	Gnat		80	+117	-34	101	86	+487	+0.09	+0.04	+0.04	+29	+21	+26	+155	-30	-61	69	+245	99	103	106	103	105	102	101	88	101	106	106	103	106					
Sem US 139986224	O-Bee Krusader		Planet	Shottle	Nat		92	+117	-3	744	95	+820	-0.39	-0.15	+0.02	-3	+14	+39	+63	-11	-56	85	+692	101	100	94	102	99	100	106	94	104	108	108	107	110					
CRV NL 662846181	Feedrijker Percher		Snowfiever Cd	Atlantic	Gnat		83	+117	-2	161	88	+208	-0.08	-0.04	+0.07	+16	+4	+16	+55	+3	+3	72	+229	102	102	103	103	103	106	100	91	104	104	111	108	112					
STG US 66183739	Wabash-Way Esteem		Planet	Shottle	Int		85	+116	+0	73	92	+1523	-0.50	-0.28	+0.00	+13	+24	+69	+146	+11	-5	80	+548	100	105	105	105	104	101	100	81	102	105	98	94	97					
CRV NL 227347061	Hidden Future		Ronald	Celsius	Gnat		98	+116	+0	21338	99	-64	-0.12	+0.09	+0.03	+8	+6	+0	+41	+0	+42	99	+162	108	103	104	100	91	92	101	99	94	96	96	105	98					
Sem US 65917463	De-Su Authority		Stol Joc	O Man	Nat		88	+115	+6	102	91	+1221	-0.36	-0.02	-0.08	+16	+41	+48	+216	+2	+19	82	+183	103	97	105	103	102	101	100	91	101	100	103	100	102					
Alt CA 11279212	Donnandale Altaigor		Altaiota	Onward	Int		79	+115	+1	32	90	+1261	-0.37	-0.24	-0.01	+17	+20	+57	+135	-4	-53	65	+227	101	103	104	101	101	104	101	78	104	104	110	101	108					
Ves FR 4952815479	O-Man End-Story		O Man	Jocko	Gnat		97	+114	+2	1594	99	+1356	-0.24	-0.12	+0.00	+33	+35	+62	+231	-9	-39	95	+60	101	103	102	97	102	97	104	99	103	105	101	96	100					
Kam NL 429759583	Big Winner		Win 395	Lucky Leo	Gnat		98	+114	+7	25783	99	-178	-0.39	-0.19	-0.21	+26	+10	-26	+88	+3	+40	99	+489	97	105	99	100	100	100	102	99	97	100	101	102	101					
Sem CA 11445882	Rockymountain Lottomax		Número Uno	Super	Nat		76	+114	-2	52	83	+606	-0.10	-0.31	+0.00	+16	-8	+28	+9	+16	-6	67	+599	102	105	103	99	101	102	102	81	97	102	111	98	104					
K&L BE 128079806	Rocca-Dg Snowfall		Snowman	Regancresht-Hlf	Nat		76	+113	-2	38	84	+1622	-0.39	-0.31	-0.01	+28	+24	+73	+179	+9	-28	68	+270	103	101	100	97	102	102	100	75	104	103	109	97	105					
CRV NL 319399633	Delta Benedict		Ricky	O Man	Gnat		96	+113	-9	989	99	-212	-0.63	+0.18	+0.08	+45	+8	-3	+126	-3	+57	93	+10	100	101	100	98	100	103	107	98	101	105	106	104	106					
Alt US 71302858	Mr Lookout Pesce Alta5g		Hammer-Creek	Atwood	Int		82	+113	-20	35	91	-154	+0.28	+0.14	+0.00	+18	+7	-7	+64	-8	-1	61	+211	107	103	96	100	100	102	101	89	93	101	117	98	106					
CRV BE 119784595	Delta Brilliant	CD	Goldwyn	O Man	Gnat		98	+112	+3	5837	99	+915	+0.08	-0.05	+0.00	+47	+27	+42	+222	+13	+13	95	+24	99	98	100	101	102	104	107	99	102	106	109	100	106					
Sem CA 11799682	Claynook Raleigh		Dooman	Windbrook	Nat		73	+112	-3	82	83	+672	-0.11	+0.02	-0.13	+18	+25	+18	+146	-5	-43	61	+402	103	103	101	101	104	94	81	101	104	110	94	103						
GGI DK 03870002890	Lacomy P	RF PO	Laron P	Jeeves	Gnat		84	+112	+15	50	88	-669	+0.36	+0.18	+0.02	+1	-9	-29	-44	+10	-35	78	+556	107	107	102	94	97	94	102	90	98	102	106	99	102					
CRV DE 0349739141	Shandar		Shottle	Brett	Int		85	+111	+15	33	92	+2031	-0.43	-0.27	-0.01	+40	+42	+92	+284	+6	+37	78	+430	101	97	102	94	113	94	85	105	104	94	96	97	98					
CRV NL 875052636	Veneriete Ibiza		Sundance	Bookem	Gnat	Gn	81	+111	-91	323	86	-226	+0.25	+0.08	+0.12	+12	-1	+0	+21	-203	-66	69	+803	107	102	107	102	101	96	99	90	97	104	103	98	100					
K&L US 71446356	Mr Rollen-Ns Camr Long P	RF PO	Shema Jeeves	Destry	Int		74	+111	+15	22	88	+96	-0.03	-0.04	+0.00	+1	+0	+4	+3	-2	+16	59	+513	102	103	99	95	104	105	105	70	96	100	110	102	105					
CRV NL 970118312	Art-Accres Win 395		Winchester	Star Patron	Gnat		98	+110	-7	12420	99	+1525	-0.32	-0.23	-0.19	+32	+29	+50	+201	-2	-10	99	+113	95	103	104	104	103	99	101	99	98	103	94	108	101					
CRV NL 970170196	Welcome Oman Palmer Cri-Et		O Man	Aaron	Nat		98	+109	+17	2759	99	+646	-0.15	+0.09	-0.02	+13	+31	+28	+163	+7	+14	97	+247	102	103	94	104	95	98	101	99	99	105	104	100	103					
Alt US 69177565	Rickland Altaceo	BR	Altachaiman	Shottle	Nat		90	+109	+15	350	96	+1172	-0.27	-0.22	+0.08	+23	+19	+61	+145	+0	-22	81	+292	96	101	104	100	98	106	104	87	103	105	113	101	109					
Sem US 71699265	Vieuxsaule Flame		Número Uno	Badger-Bluff Fa																																					

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgF	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		€	€	Functioneel										Exterieur							
pnt																		Productie										€									
Kam NL 872534566	Hoekland Ravelijn	Refiner	Stol Joc	Gnat	84	+102	+17	138	90	+506	-0,06	+0,05	+0,04	+16	+22	+27	+132	+36	-12	73	+262	104	99	103	95	105	99	101	85	102	103	102	102	103			
ABS US 135695137	Wa-Del Hayden	O Man	Moto	Nat	97	+102	+5	1824	99	+856	-0,19	-0,27	+0,09	+18	+4	+48	+69	+3	-25	97	+430	109	101	93	100	98	92	99	99	99	105	105	101	104			
Alt US 69990078	De-Su Altbanff	Bowser	Shottle	Int	86	+102	+0	18	91	+1044	-0,48	-0,23	-0,01	-3	+14	+47	+65	+4	-34	78	+375	103	103	100	100	104	104	101	83	100	103	108	101	105			
Ves IT 020990123734	All Ven Torrer	O Man	Boss Iron	Nat	97	+102	+3	2287	99	+30	+0,02	+0,12	+0,01	+3	+12	+2	+56	-2	-91	96	+686	106	102	104	104	92	99	103	98	105	107	101	95	100			
ABS US 64519111	Welcome Genomics	Altabaxter	Alton	Int	86	+101	-2	40	91	+1424	+0,04	-0,19	-0,01	+65	+30	+64	+279	+5	+51	78	+100	100	94	107	105	103	94	96	85	100	99	103	100	101			
ABS US 62175933	Pine-Tree Martha Sholten	Shottle	O Man	Int	88	+101	+14	54	93	+868	-0,07	-0,01	-0,01	+30	+29	+39	+194	+18	+19	82	+351	99	99	100	101	103	97	104	85	98	103	101	97	99			
Sam NL 693632559	Roborst Pioneer	RF	Malando	O Man	Nat	83	+101	+3	105	92	+443	+0,68	+0,31	+0,04	+38	-10	+17	+116	-2	-42	74	-29	102	103	99	98	102	100	107	72	105	106	101	102	104		
CRV NL 970173683	De-Su Oman Goli-Et	O Man	Bw Marshall	Gnat	99	+101	+5	8620	99	+415	-0,03	-0,07	+0,06	+15	+8	+24	+72	+1	-42	99	+177	108	102	100	104	99	102	103	99	104	104	103	101	104			
GGI FR 5112412287	Millennium	CV	Moto	Cleitus Luke	Int	89	+101	-11	53	94	-196	+0,40	-0,01	+0,01	+26	-8	-8	+19	-7	+23	83	+309	112	96	102	90	100	89	102	90	96	98	103	105	103		
Dek NL 543413804	Oelhorst Hestiny	Doberman	Goldwyn	Gnat	83	+100	+12	72	89	+702	+0,18	+0,15	+0,12	+47	+39	+43	+272	+7	+68	74	+87	102	99	101	104	101	98	98	86	97	93	99	92	93			
K&L FR 2916691773	Vouster	O Man	Ideal Ags	Int	84	+100	+3	48	91	+365	+0,16	+0,21	-0,01	+30	+32	+16	+199	+12	-5	79	+94	103	102	99	106	100	94	84	102	104	104	90	100	98			
ABS US 139563146	Brandt-View Ezra	Stol Joc	Potter	Nat	91	+100	+1	468	96	+1642	-0,52	-0,25	-0,02	+16	+31	+73	+183	+14	-28	85	+503	105	97	103	98	100	102	97	90	107	105	103	96	102			
OBS DE 0353816157	Manu	Man-O-Man	Jose	Nat	80	+100	+23	74	87	+1226	-0,29	-0,17	+0,00	+23	+26	+56	+172	+40	+13	70	+237	95	103	102	104	104	106	103	72	100	100	99	101	100			
Gex US 64188829	Wilra Boliver Sequoia	Boliver	Ramos	Nat	92	+100	+12	631	96	+326	-0,09	+0,03	-0,01	+6	+14	+14	+74	-7	-37	86	+371	104	102	106	100	102	93	102	93	102	103	105	98	103			
Dek NL 331879452	Peinzer Boy	Jesther	Lucky Leo	Nat	98	+100	+2	9137	99	-355	+0,20	+0,03	+0,14	+2	-10	-4	-38	+0	+27	99	+506	101	106	99	91	101	103	105	99	103	101	104	102	104			
Gex US 62768990	Va-Early-Dawn Sudan Cri	Jammer	Sailor	Nat	97	+99	+7	1745	99	+1073	+0,07	-0,09	+0,03	+53	+29	+52	+246	+2	-3	93	+256	100	96	93	98	102	105	105	99	105	104	101	101	103			
Dek US 62030790	Co-Op Oman Loydie	O Man	Bw Marshall	Nat	98	+99	+6	6721	99	+365	+0,20	+0,18	+0,08	+34	+29	+24	+198	+0	-17	99	+20	102	102	88	107	96	93	108	99	100	106	98	101	100			
Toe NL 437185378	Danillo	Goldwyn	O Man	Nat	98	+99	+7	12047	99	+373	+0,07	+0,08	+0,01	+22	+20	+18	+134	+9	-33	99	-137	103	102	101	104	94	92	99	99	98	108	109	106	109			
WWS US 3009554569	S-S-I Mogul Defender	Mogul	Man-O-Man	Nat	88	+99	+8	267	94	+203	+0,06	-0,06	+0,18	+14	+2	+25	+45	+24	-28	77	+222	101	102	103	102	104	110	102	94	100	105	119	102	112			
CRV NL 525056357	Ludiek Bluejay	Bertil	O Man	Gnat	99	+98	+0	4379	99	+630	+0,04	+0,16	-0,05	+31	+37	+24	+224	+0	+9	99	+86	107	96	98	97	99	104	101	99	98	100	106	95	100			
CRV NL 377829950	Goolstar Diamond	Jocko	Willis	Gnat	99	+98	+3	9294	99	+53	+0,29	+0,13	+0,06	+28	+13	+8	+115	+0	+90	99	+441	100	98	101	103	101	99	104	99	93	98	100	99	97			
Kam NL 494333299	Gyros	Mascol	Best	Gnat	93	+98	-3	641	97	+208	-0,01	-0,02	-0,02	+8	+9	+8	+56	-3	+101	88	+331	100	101	100	103	102	104	98	94	96	93	106	104	103			
Kam NL 489715994	Montreux 50	Shottle	Archibald	Gnat	96	+97	+3	1421	99	+842	-0,11	-0,08	-0,07	+25	+22	+32	+152	-5	-26	94	+276	102	99	100	99	109	103	103	95	100	103	97	104	101			
Sam NL 921253176	Feije Fairfax	Fever	Shottle	Nat	76	+97	+7	104	87	+319	+0,10	-0,12	+0,00	+23	+0	+15	+53	-7	-19	66	+431	105	102	101	100	105	100	99	60	105	103	108	99	106			
K&L FR 5008238457	Ecoyne Izy	Planet	Bret	Nat	76	+97	+9	19	82	-17	-0,07	-0,04	+0,05	-7	+3	-4	-1	-3	-16	71	+627	100	107	102	100	103	100	102	80	103	106	103	98	102			
ABS US 135778023	Gran-J Oman McCormick	O Man	Durham	Nat	98	+97	+5	7920	99	-691	+0,61	+0,17	+0,03	+20	-10	-29	-8	+6	+25	99	+175	102	111	100	108	102	102	102	99	95	98	106	96	99			
Kam NL 663167108	Topsteen Shout	Twist	Lonar	Gnat	82	+97	+26	104	88	-11	-0,07	-0,06	-0,12	-7	-6	-11	-43	+2	-19	71	+403	103	105	104	101	101	102	103	85	98	102	106	104	105			
AWE US 136333410	Wa Del Marcos	Murphy	Bw Marshall	Int	85	+96	-4	45	91	+779	-0,14	-0,07	-0,01	+20	+20	+35	+135	+7	-2	78	+56	103	104	99	96	91	94	102	86	98	100	99	99	98			
CRV NL 429923126	Westenrade Lacey	Win 395	Major	Nat	98	+96	+5	9310	99	-194	+0,14	+0,18	-0,09	+4	+9	+17	+40	+6	+62	99	+470	94	106	102	103	107	103	103	99	91	90	100	102	97			
Sam NL 767606990	Batenburg Michael	Maik	O Man	Nat	86	+96	-6	310	93	-216	+0,25	+0,09	-0,10	+12	+0	-18	-20	-13	-48	76	+710	104	105	95	102	99	101	101	80	95	101	103	98	99			
Sam NL 687447224	Noorder Palmiro	Pilot	Survivor	Nat n	88	+95	n	65	79	+737	+0,03	-0,02	+0,03	+34	+24	+36	+181	n	+16	47	+372	101	97	97	96	97	99	70	103	100	101	102	102				
CRV NL 372317917	Delta Barclay	Lord Bailey	Webster	Gnat	98	+95	+2	1670	99	+427	+0,13	+0,03	+0,02	+30	+18	+21	+143	+2	+66	97	+13	103	99	105	104	99	94	97	99	98	97	99	104	101			
CRV NL 466786085	Aurora Ormsby	Shottle	O Man	Gnat	98	+95	+4	2532	99	+867	-0,19	-0,13	+0,13	+19	+18	+52	+129	-9	-27	96	+272	101	99	101	93	102	105	103	99	104	104	107	102	107			
Kam NL 715848975	Groenibo Hardwell	Mascalese	Danillo	Gnat	79	+95	+3	92	86	+76	+0,29	+0,03	+0,05	+29	+5	+8	+84	-10	-4	70	+109	110	100	103	99	95	96	99	84	96	101	106	98	101			
Dek NL 744613340	Hanillo	Danillo	Mascol	Nat	86	+95	+0	162	93	+38	-0,06	-0,04	+0,01	-4	-2	+3	-16	-6	-42	77	+270	103	105	100	101	100	105	103	87	102	104	104	108	108			
Sem US 62744729	Regancrest Brizen	Mr Burns	Goldwyn	Int	88	+94	+4	71	94	+2364	-0,71	-0,27	-0,01	+22	+52	+107	+292	+5	+8	81	+122	102	94	96	98	100	100	99	87	101	101	108	97	103			
CRV NL 498338414	Delta Astro	Goldwyn	O Man	Gnat	98	+94	+6	6669	99	+346	+0,33	+0,12	+0,08	+45	+23	+23	+196	-9	-30	96	+201	103	100	10													

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*Ivd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*Ivd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext	
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T	
Melkdoel Zwart					pnt		Productie										€	€	Functioneel										Exterieur					
WWS US 64632190	Lars-Acres Felices Favre	Boliver	Durham	Int	88	+87	-13	103	93	+794	-0.34	-0.21	+0.00	+1	+8	+36	+46	-2	-17	81	+279	104	98	109	99	101	101	101	91	100	100	110	102	106
Sem CA 103631566	Crackholm Fever	Goldwyn	Blitz	Nat	97	+87	-5	2645	99	+359	+0.06	-0.21	+0.01	+21	-7	+17	+21	+1	-15	96	+278	105	103	107	99	105	100	97	99	104	100	107	100	105
CRV NL 765957315	Apina Health	Levi	Ramos	Gnat	97	+86	+24	3653	99	+422	-0.09	-0.06	-0.04	+26	-9	+16	+96	+30	-21	91	+346	101	103	100	102	100	104	101	99	101	102	98	97	98
WWS US 139058925	Foxberry Bax Mizou	Altabaxter	Outside	Int	87	+85	+0	98	93	+937	+0.00	-0.22	-0.01	+40	+11	+42	+142	+2	-39	80	+487	98	96	105	90	101	105	100	89	102	103	97	103	106
CRV IT 030000346619	Bernard Joko Maya	Jocko	Manfred	Int	86	+85	+21	56	93	+1141	-0.50	-0.30	+0.00	-1	+10	+52	+55	-6	-39	81	+473	98	102	105	105	105	106	85	99	98	106	98	102	
CRV NL 422992648	Delta Logan	Win 395	Willis	Gnat	98	+84	-1	4134	99	-83	+0.20	-0.24	-0.17	+14	+18	-19	+98	+3	-36	99	+83	99	105	103	102	103	102	104	99	99	101	100	101	100
Sem CA 9908842	Bluenose Risingstar	Stol Joc	Shottle	Int	84	+82	-6	62	90	+1000	-0.29	-0.06	-0.01	+14	+29	+45	+162	+8	-19	75	+300	104	94	104	98	101	97	84	103	103	107	99	105	
CRV NL 390479437	Rh Fiction	O Man	Ronald	Gnat	98	+82	-2	11561	99	+560	-0.11	-0.08	+0.09	+14	+12	+34	+89	+0	-10	99	-84	103	108	99	105	103	97	104	99	104	104	98	96	99
Sam NL 871618148	Beze Maikman	Survivor	Nat	86	+82	+7	544	91	-205	-0.31	+0.19	-0.01	+18	-9	+10	+72	-2	-26	77	+503	100	103	93	98	99	108	104	90	100	105	103	99	102	
ABS US 142415407	Jeffrey-Way Sellabull PP	Emhardt P	Lawn Boy Red	Nat	67	+80	+32	25	76	+320	+0.06	+0.08	+0.07	+19	+18	+21	+120	+52	-25	59	+387	100	102	104	100	104	94	76	98	105	103	95	99	
US 140377460	Poly-Kow Shott Altitude	Shottle	Goldwyn	Int	81	+80	+3	60	90	+1057	-0.28	-0.33	+0.00	+17	+4	+48	+67	+18	-22	73	+299	103	100	101	103	107	95	86	103	103	106	102	106	
Dek FR 4241809490	Henripom	Dempsey	Jake	Gint	76	+80	+10	29	81	-147	+0.34	+0.07	+0.00	+23	+1	-7	+50	+11	-33	66	+173	106	98	97	103	99	97	100	83	101	102	114	105	111
WWS US 132582764	Robthom Moscow	Bw Marshall	Integrity	Int	88	+80	-5	39	93	+1294	-0.64	-0.42	+0.00	-9	+3	+59	+11	+2	+42	83	+438	107	102	91	97	98	98	92	98	95	105	98	100	
WWS US 62190170	E-Longview Cm	Sharky	Outside	Int	85	+79	-3	16	90	+928	-0.08	-0.18	+0.00	+32	+15	+42	+141	+5	+25	77	+190	104	99	102	103	105	104	98	87	98	99	103	96	99
Sem US 56264541	Larcres Contrast	Alexander	Shottle	Nat	92	+79	-22	501	95	+254	+0.52	-0.24	+0.06	+58	-13	+17	+74	-22	-17	86	-67	107	101	100	96	106	99	100	94	101	107	107	102	106
CRV IE 291389050583	Ardnasalen Seven	Goldwyn	O Man	Gint	87	+79	+5	43	93	-159	+0.14	+0.10	-0.01	+5	+3	-8	+20	-5	-50	78	+68	102	105	104	105	100	101	104	83	105	105	112	99	108
Dek FR 4240917397	Vauluse	O Man	Hershel	Nat	98	+78	+4	4187	99	+338	+0.25	+0.10	+0.09	+37	+21	+24	+171	+4	-28	99	-75	107	96	106	101	102	97	102	99	101	103	101	99	101
WWS CA 7525863	Poi Butte Mc Beemer	Mccutchen	Goldwyn	Nat	81	+78	+28	98	84	+985	-0.08	-0.19	+0.12	+34	+16	+57	+154	+41	-19	68	+126	96	98	107	103	107	110	103	86	99	101	114	99	107
CRV NL 548150874	De Rith Cracker	Guarini	Atwood	Gnat	85	+78	-15	153	90	+732	-0.36	-0.10	+0.08	-3	+16	+41	+72	-59	-82	73	+304	105	101	95	100	100	107	100	91	101	105	109	102	107
ABS US 135404667	Morningview Legend	O Man	Durham	Nat	98	+77	-1	15712	99	+13	+0.37	+0.18	+0.04	+33	+16	+4	+136	+0	-16	99	-107	97	104	103	101	88	101	102	99	100	104	99	104	102
K&L DK 000000253208	Vh Strong	Stol Joc	O Man	Nat	93	+77	-48	1399	96	+84	+0.08	+0.23	+0.04	+11	+23	+7	+120	-22	-45	87	+217	105	99	101	102	105	98	101	96	108	104	100	100	103
GGI DK 03001001766	Iowa	Altaiota	Regancrest-Hhf	Gint	83	+77	-4	17	83	+985	-0.28	-0.27	+0.27	+15	+8	+71	+86	-2	-98	71	+180	102	104	98	101	102	106	100	89	101	106	111	100	107
Alt NL 568554490	Jongsteins Altahavanna	Man-O-Man	Roumare	Nat	73	+77	+11	29	80	+101	+0.06	+0.11	+0.24	+10	+13	+26	+82	+12	-11	64	+237	106	98	103	100	105	101	55	100	102	110	97	104	
CRV NL 4654771557	Dome's Navarro	Mascol	Melchior	Gnat	98	+77	+9	5993	99	-145	-0.15	-0.14	-0.06	-19	+7	-12	-15	+8	-48	99	+336	98	99	95	105	95	102	106	99	94	94	106	112	107
SZO UK 182661300246	Heavenly Golden Dreams	Goldwyn	Durham	Nat	93	+77	+9	702	97	-127	+0.28	-0.12	+0.07	+19	-15	-0	-22	-9	+4	89	+156	104	104	98	100	102	101	101	96	99	99	116	100	108
Sem US 135556243	Crockett-Acres Eight	O Man	Mtoto	Nat	98	+76	-3	5090	99	+535	+0.02	+0.07	+0.04	+25	+25	+28	+163	+4	-10	99	+307	101	103	96	104	104	90	97	99	104	108	97	96	99
GGI LU 198596208	Elsass	Encino	Titanic	Int	84	+76	-2	48	91	+664	-0.20	+0.00	+0.00	+9	+23	+30	+122	-15	-4	76	+74	104	101	95	102	100	105	97	78	99	100	105	101	103
GGI IT 053990062094	Gabino	Goldwyn	Allen	Nat	84	+76	-5	42	85	+686	-0.14	-0.17	-0.07	+16	+8	+25	+74	-18	-8	81	+150	109	98	100	100	102	102	97	91	98	101	112	97	104
GGI NL 475705063	Heidenskipster Goldday	Goldwyn	O Man	Nat	97	+76	+3	1590	99	+412	-0.28	-0.01	+0.07	-8	+13	+25	+44	-4	-52	95	-77	99	108	96	104	91	105	100	99	101	105	115	103	111
GGI DE 030369071	Ihmo Jelbas	Jefferson	Eminenz	Int	81	+75	-34	32	89	+325	-0.27	-0.07	-0.01	-11	+5	+14	+2	-9	-4	75	+432	100	105	100	98	101	98	96	77	102	100	103	104	104
Kam NL 879611183	Future Dream Hl Sonny	Snowman	Goldwyn	Gnat	87	+74	+2	166	93	+66	+0.32	-0.11	+0.08	+31	-7	+10	+39	-22	+4	76	+287	103	102	101	103	103	96	101	87	98	101	108	97	102
Toe NL 761242914	Kevenberg Lifetime	Mavid	Lonar	Nat	80	+74	-15	212	86	+69	+0.05	+0.01	+0.11	+7	+3	+13	+31	-6	+31	69	+562	105	102	85	99	99	98	101	83	97	98	101	99	99
CA 7588022	Gillette Jordan	Goldwyn	Durham	Nat	98	+74	+2	2566	99	+327	-0.08	-0.20	+0.02	+7	-7	+17	-9	+0	+15	97	+78	101	105	105	103	87	101	103	99	96	102	108	100	103
CRV NL 383090074	Woudhoeve 1042 Impuls	O Man	Jesther	Gnat	99	+73	+2	39538	99	+759	-0.10	-0.04	+0.16	+23	+30	+50	+186	+2	-11	99	+3	99	104	102	99	103	103	102	99	104	106	98	93	97
K&L NL 970173924	V Exces	Luxemburg	Leadman	Int	89	+73	+7	39	94	+342	+0.00	+0.11	-0.01	+15	+22	+15	+126	-3	+47	84	+370	102	97	108	106	101	102	101	88	94	98	90	98	92
CRV NL 970177647	Bdgenotes Encino Et	Bw Marshall	Projector	Int	89	+73	-8	33	93	+829	-0.18	-0.12	-0.01	+18	-17	+37	+119	-2	-3	84	+66	105	99	96	105	95	98	98	93	98				

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B	N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgI	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext			
Ai Bull number	Bull name	Her-fa Sire	MGS	S	N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	B	T			
Melkdoel Zwart								Productie										€										€									
								pnt										Functioneel										Exterieur									
WWS US 62897620	Canyon-Breeze At Airlift		Atwood	Shottle	Nat	87	+66	-4	128	90	+1436	-0.27	-0.43	+0.19	+34	+6	+85	+122	+11	-49	82	+132	104	96	100	99	108	95	99	87	99	103	113	101	108		
Sam NL 492205693	Cracker Van De Wilg	RF	Joryn	Jacpot	Nat	94	+66	-7	729	98	+301	-0.05	-0.02	+0.15	+8	+9	+0	+54	-4	+20	91	+318	96	103	101	107	104	99	102	92	94	99	92	106	97		
CRV NL 970176132	England-Schill Deann Et		Moto	Duster	Int	88	+66	+0	23	92	+501	-0.42	-0.30	-0.01	-18	-10	+22	-72	+1	+8	81	+351	106	101	101	100	99	96	100	89	99	101	106	105	106		
GGI NL 359507595	Broeks Elburn	RF	Mr Bums	O Man	Nat	93	+65	+11	711	97	+1303	-0.46	-0.08	-0.06	+9	+37	+53	+187	+12	-36	86	+244	100	102	90	97	95	98	93	95	108	106	102	100	104		
CRV NL 443684324	Delta Nearby	RF	Canvas	Ramos	Gnat	98	+65	+5	3331	99	+168	+0.10	-0.02	+0.13	+16	+4	+19	+56	+1	+72	97	+227	106	98	102	99	102	104	93	99	96	93	104	100	100		
GGI DE 0534383150	Samburu		Shottle	Jesther	Int	86	+65	-10	51	93	+882	-0.43	-0.25	+0.00	-4	+7	+40	+32	-5	+22	80	+595	99	99	100	93	102	103		87	98	103	106	100	103		
AWE FR 2216979219	Biarritz		Buckeye	Morty	Int	84	+64	+14	25	90	+1922	-0.43	-0.36	-0.01	+36	+29	+87	+221	+24	-16	77	+154	102	95	94	98	100	95		86	100	102	102	99	101		
Mas DE 0347136242	Jango		Jocko	Lukas	Nat	98	+64	-3	2007	99	+1341	-0.32	-0.13	-0.07	+25	+34	+54	+208	+0	+11	97	+113	99	97	102	88	107	99	98	99	102	103	107	95	102		
WWS US 135086276	Lady's-Manor Autumn		O Man	Aaron	Int	87	+64	-7	38	92	+722	-0.12	-0.17	-0.01	+42	+9	+32	+135	-2	+17	82	-90	100	101	97	103	96	102	104	80	94	101	101	102	100		
CRV DE 0350427795	Goldboy		Goldwyn	Ford	Nat	89	+64	-6	98	91	+109	+0.14	-0.08	+0.12	+17	-3	+16	+28	-9	+10	83	+13	104	97	107	98	98	99	101	93	100	102	111	104	108		
GGI DK 03372305844	Lexington		Lexor	Time	Gint	77	+63	+7	36	84	+281	+0.18	-0.07	-0.03	+28	+16	+10	+127	+3	+74	66	-129	97	102	105	110	106	107	100	82	95	95	107	96	99		
Sam NL 425772959	W.H. Viking		Goldwyn	Lord Lily	Nat	97	+63	+3	2038	99	-378	+0.16	+0.17	+0.09	-3	+1	-10	-5	+7	+5	96	-26	105	101	105	103	97	101	104	99	102	104	105	102	105		
Gex US 66757430	Welcome Glenton		Planet	Goldwyn	Nat	90	+62	-12	549	93	-189	+0.28	+0.05	+0.05	+16	-2	-4	+24	-9	-25	83	+569	103	102	87	99	104	105	102	92	101	107	106	98	103		
OBS DE 0353589552	Manson		Man-O-Man	Goldwyn	Nat	72	+61	+3	23	80	-242	-0.52	-0.25	+0.02	-34	+13	-9	+122	+11	-13	66	-34	93	107	97	107	100	101		75	102	103	107	100	105		
GGI US 135999398	Emerald-Acr-Sa T-Brigade		Best	Durham	Gint	88	+61	+21	46	92	-276	-0.74	+0.12	-0.09	+51	+1	-20	+105	+17	-5	78	+125	98	97	99	99	98	100	105	89	101	101	103	106	105		
Sem CA 11738617	Blondin Crasdale City PP	PP	Eamhardt P	Colt P	Int	71	+61	+22	30	89	+932	-0.53	-0.13	-0.01	-12	+20	+42	+69	+21	-13	54	+463	99	101	105	105	105	101		73	98	103	102	96	99		
Kam NL 322820009	Jongsteins Buckman		Besne Buck	Sunny Boy	Nat	98	+61	+0	2542	99	+496	+0.10	-0.11	-0.04	+12	+7	+19	+60	+0	-36	99	+265	100	98	104	104	102	98	103	99	96	100	100	106	102		
Mas NL 970160678	Lucifer Et	CV	Lucky Leo	Jabot	Nat	97	+61	+7	1629	99	-439	-0.08	+0.15	+0.02	-12	-3	-18	-43	+0	+15	97	+572	105	102	97	94	97	99	98	99	98	99	102	100	100	100	
CRV UK 305947101046	Woodmarsh Asterix		Shottle	Durham	Nat	90	+61	-10	146	93	+118	-0.44	-0.11	+0.00	-34	-6	+5	-95	-16	-33	84	+280	100	109	102	103	103	96	102	92	100	102	106	102	105	105	
Sem CA 7816598	Gillette Jungle	BY	Fbi	Durham	Nat	97	+61	-1	3392	99	-87	-0.34	-0.10	+0.13	-33	-12	-7	-116	-3	-31	95	+413	107	103	106	100	100	85	103	99	103	104	107	96	103		
Sem CA 9725448	Valleyville Musketeer		Bonair	Goldwyn	Nat	94	+60	+11	1270	97	+503	-0.03	-0.11	+0.11	+19	+7	+33	+79	+13	-22	89	+208	106	100	94	94	102	97	99	97	104	105	103	99	103		
Sam NL 716258151	Farmers Wish Laarvallei Nov		Norwin	Boolders Abald	Nat	76	+60	-22	145	85	-172	+0.39	+0.13	+0.09	+26	+5	+0	+75	-16	+45	67	+52	102	102	105	102	101	100	103	65	101	99	101	93	97		
Alt US 61978010	Shawnee Altrastrors	RF	September Stor	Durham	Int	82	+60	+3	20	89	-129	-0.31	-0.13	+0.01	-32	-16	-5	-134	+1	+30	77	+217	108	104	102	98	98	101		82	98	95	111	101	105		
CRV US 137959529	Morningview Ho-Ho		Shottle	Manfred	Int	79	+59	+9	22	88	+1132	-0.44	-0.35	-0.01	+5	+5	+51	+46	+1	-1	78	+368	102	102	101	93	103	96		65	97	100	99	97	97		
ABS US 130312341	Pasen Mango		Aaron	Prescott	Int	85	+59	+3	22	92	+143	-0.34	+0.07	-0.01	-24	+11	+6	-4	+4	+19	73	+415	105	99	101	100	101	102		87	95	98	98	102	98		
IT 018990034979	Cabri Goldwyn Ricky		Goldwyn	Moto	Int	83	+59	-10	32	91	+284	-0.05	-0.18	-0.01	+8	-6	+12	-4	+2	+33	69	+208	104	99	103	105	100	98		80	95	98	110	100	104		
WWS CA 8956379	Maple-Downs-I G W Atwood		Goldwyn	Durham	Nat	96	+57	+8	916	99	+638	+0.19	-0.09	+0.02	+45	+14	+31	+161	+8	-2	93	-20	100	93	92	97	104	98	103	99	96	101	117	104	110		
WWS US 132053536	Jafral Marsh Binky-Et		Bw Marshall	Star Patron	Int	87	+57	-1	34	92	+911	+0.03	-0.21	-0.01	+42	+11	+41	+146	+2	+26	81	+31	103	98	97	102	98	93	97	85	103	99	103	99	102		
CRV NL 339291027	Delta Paramount		Jocko	Fatal	Gnat	99	+57	+3	59172	99	+1074	-0.48	-0.10	+0.00	-2	+28	+49	+125	-2	+65	99	+126	97	98	98	93	105	102	96	99	99	101	103	105	104		
CRV NL 439898618	Havap Nano	BY	Olympic	Dustin	Gnat	98	+57	-2	2544	99	+481	-0.47	+0.14	-0.01	-23	+30	+21	+81	+2	-3	97	+107	90	99	103	95	99	101	110	99	104	105	107	107	109		
Alt US 64700360	De-Su Altagator	HR	Altabaxter	O Man	Nat	86	+57	-16	84	90	+830	-0.26	-0.21	+0.00	+10	+9	+28	+69	-51	-22	82	+425	100	97	104	101	106	100	101	86	104	102	103	101	104		
CRV NL 422992655	Barnkamper Marathon		Shottle	Major	Gnat	98	+57	+0	2297	99	+546	-0.31	-0.12	+0.07	-6	+8	+31	+30	+7	-23	96	+175	99	103	101	97	101	93	99	99	98	102	107	103	105		
ABS US 61757559	Welcome Penny-maker	BR	Lancelot	Aaron	Nat	91	+57	-12	327	94	+55	-0.08	+0.05	+0.13	-5	+6	+14	+18	-15	-1	84	+183	103	104	105	101	94	96	98	90	96	98	106	95	99		
K&L NL 970134767	Merdriagac		Labelle	Aerostar	Int	90	+57	-2	49	94	+786	-0.32	-0.30	-0.01	+3	-1	+35	+13	-4	+70	85	+191	105	104	102	100	100	94	97	93	93	94	94	99	94		
Mas NL 496356034	Abshoeve Bokko		Billion	O Man	Int	85	+56	-9	55	91	+496	-0.06	+0.07	-0.01	+16	+24	+22	+139	-13	+14	78	+140	100	97	96	103	96	101	103	81	100	101	102	100	101		
Ves IT 019500355190	San Fiorano Step Fibrax		Turlupin	Tugolo	Nat	98	+56	+11	2558	99	+675	-0.16	-0.04	-0.06	+14	+20	+25	+119	+4	+10	97	-52	97	104	101	100	104	100	94	99	99	102	106	102	104		
Sem CA 9732062	Claynook Tennessee	RF CD	Mr Bums	Goldwyn	Nat	92	+56	+14	757	96	+525	-0.16	-0.08	-0.09	+7	+11	+16																				

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B N	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext				
Ai Bull number	Bull name	Her-fa Sire	MGS	S N	Rel NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																		€	€	Functioneel										Exterieur							
pnt																		Productie										€									
Sam NL 538153368	Farmers Wish Hbc Pirlo	RF	Jerudo	Alves	Nat	2n	94	+43	+3	667	98	-96	+0.14	-0.01	-0.05	+8	-4	-9	-2	-4	+7	86	+97	104	105	101	100	102	106	94	91	95	101	99	100	98	
Sam NL 893665027	Farmers Wish J.H. Mr. White		Maik	Bookie	Nat		87	+43	-14	303	94	+133	-0.10	-0.33	-0.01	-3	-25	+5	-107	-50	-63	77	+313	104	105	102	101	98	97	100	87	102	105	110	101	107	
Sam NL 201500129	Cosmo		Cash	Aerostar	Nat		98	+43	+2	4533	99	-532	+0.06	+0.02	+0.02	-18	-17	-23	-114	+0	+10	99	+270	97	106	103	103	94	98	109	99	95	99	104	101	101	
CRV NL 232136885	Katshaar Kirby	CV	Ronald	Jabot	Gnat		98	+42	+0	16431	99	-43	-0.29	-0.03	+0.08	-27	-4	+5	-72	+0	-13	99	+295	104	102	102	95	88	96	103	99	108	105	98	103	104	
CRV NL 484260514	Lowlands Upgrade		Paramount	Dustin	Gnat		97	+41	+8	1820	99	+1422	-0.65	-0.20	-0.02	-6	+29	+63	+125	+8	+22	93	+72	96	95	100	94	101	105	100	99	100	99	109	104	107	
CRV NL 216354702	Sand-Hill Delta Nevada		Novalis	Cash	Gnat		99	+41	+1	26533	99	+92	-0.10	-0.08	+0.00	-5	-4	+4	-26	+0	+36	99	+361	99	104	108	100	92	101	99	99	99	92	98	96	95	
Sam NL 533851708	Heuvel Vertongen	RF	Lucrative	Paramount	Nat		87	+40	-7	170	93	+1162	-0.37	-0.03	-0.03	+13	+38	+50	+198	-1	-43	79	-67	96	98	99	96	101	100	98	81	105	106	102	103	105	
CRV NL 777435607	Newhouse Spiceman	CV	Royal	Celsius	Gnat		98	+38	+1	2973	99	+463	+0.39	+0.12	-0.10	+56	+27	+12	+232	+0	+96	99	+130	98	91	101	102	94	97	99	99	95	94	91	99	92	
Alt NL 362604676	Batenburg Jorik		Eminenz	Lucky Leo	Nat		98	+38	+0	8322	99	-145	+0.05	+0.14	+0.00	-2	-7	-7	+22	+0	+13	99	+56	97	105	104	95	103	99	103	99	104	100	99	99	100	
CRV NL 129187369	Tolhoek Glory Box	CV	Labelle	Ugela Bell	Gnat		98	+37	-7	3260	99	+360	-0.01	-0.01	+0.02	+14	+12	+18	+84	-3	+55	99	+194	100	101	99	95	85	100	94	99	94	100	91	101	94	
CRV NL 210154182	Lord Bailey		Lord Lily	Labelle	Gnat		98	+37	+0	4182	99	+198	+0.33	-0.15	-0.03	+38	-7	+6	+53	+0	+19	99	+83	106	97	101	98	89	95	95	99	103	98	100	102	102	
K&L NL 970115159	Jocko Besa		Besne Buck	Southwind	Nat		99	+36	+1	11053	99	+1190	-0.49	-0.15	-0.01	+2	+27	+53	+131	-2	-4	99	+202	97	94	106	95	108	101	100	99	100	100	101	102	102	
Sam NL 325792655	M'Ohoeve Nieuw		Design	Sunny Boy	Nat		98	+35	+6	5320	99	-422	-0.00	-0.04	-0.07	-18	-11	-25	-90	+0	-6	99	+249	108	106	102	101	92	97	98	99	100	101	100	94	97	
Sem CA 9669685	Misty Springs Superpower		Bonair	Shottle	Nat		90	+32	-4	912	94	+778	-0.02	-0.23	-0.01	+31	+5	+35	+96	-34	-1	83	+251	102	98	97	98	107	97	96	94	105	105	102	97	102	
CRV NL 216235577	Bennet Caliber		Novalis	Cash	Gnat		98	+32	+3	4311	99	+45	+0.18	+0.11	-0.34	+18	+11	-28	+75	+0	+37	99	+92	102	101	106	104	92	86	101	99	102	95	94	91	92	
CRV NL 262656584	Holim Rafael	CV	Addison	Cash	Gnat		98	+31	+3	20984	99	+263	+0.21	+0.11	+0.03	+30	+19	+15	+145	+0	+36	99	-65	104	95	98	101	99	98	101	99	108	102	97	97	100	
CRV NL 227414505	De Rith Chassée		Novalis	Jabot	Gnat		98	+31	-6	12829	99	-50	-0.01	+0.09	+0.07	-3	+6	+4	+20	+0	+58	99	+121	98	107	101	103	96	99	95	99	93	84	105	91	93	
Sam DE 0534650505	Rh Norwin	RF	Stormin Norma	Comestar Lee	Nat		97	+30	+6	4076	99	+447	-0.17	-0.11	+0.07	+3	+5	+27	+35	-2	+11	97	+284	104	99	101	104	102	104	100	99	99	100	105	91	98	
CRV NL 288458773	Delta Canvas	RF	Sparta	Celsius	Gnat		99	+29	-2	26914	99	+1730	-0.29	-0.18	+0.00	+43	+41	+79	+282	+0	+82	99	+45	92	92	96	102	101	108	102	99	99	97	93	99	95	
CRV NL 360454909	Delta Roppa		Abrian	Jocko	Gnat		98	+29	-4	5664	99	+537	-0.31	-0.02	+0.03	-6	+17	+27	+65	+0	+16	99	+38	90	103	100	97	103	104	103	99	94	95	109	100	102	
CRV NL 343632379	Vero Switch		Sabre	Ronald	Gnat		98	+29	+4	1760	99	+239	+0.13	-0.08	-0.18	+22	+1	-5	+49	+2	-3	97	-182	108	102	93	90	94	96	104	99	103	105	99	94	98	
CRV NL 193270099	Laurent Jeeves Bagolino		Cash	Carousel Amos	Gnat		99	+29	+0	41070	99	-281	+0.03	-0.03	-0.10	-9	-12	-21	-74	+0	-2	99	-28	105	102	110	107	96	98	100	99	99	101	98	103	100	
K&L FR 474063250	Stol Joc		Jocko	Manfred	Nat		98	+28	+3	6760	99	+1137	-0.41	+0.01	-0.11	+8	+41	+41	+197	+0	-8	99	+142	102	92	98	96	103	101	94	99	107	103	100	100	103	
CRV NL 170266664	Noorder Dustin	BY	Eveux	Sunny Boy	Gnat		98	+27	+0	20536	99	+121	+0.00	+0.00	+0.04	+5	+4	+9	+30	+0	-20	99	-48	98	102	105	103	100	95	100	99	102	100	98	104	102	
GGL NL 388277247	Omro		O Man	Aaron	Nat		97	+25	+5	2586	99	-60	-0.12	-0.07	+0.00	-8	-8	-3	-17	+0	-23	97	-23	106	101	101	103	101	99	102	98	101	101	101	95	98	
CRV NL 324879630	Newhouse Ricky		Major	Fatal	Gnat		98	+25	-1	6362	99	-686	-0.63	+0.16	+0.19	+22	-11	-16	-4	+0	+20	99	-14	102	97	98	93	99	92	100	99	98	101	108	106	107	
Sem NL 970129718	Willsona Stardel		Aerostar	Lindy	Nat		97	+25	+0	1607	99	-129	-0.20	-0.03	-0.12	-23	-7	-16	-82	+0	+27	97	+243	98	105	103	99	96	98	99	99	91	98	102	101	99	
Ves IT 017990676878	Aquila Jeeves Bagolino		Jeeves	Stormatic	Nat		87	+25	-37	730	91	-37	-0.44	-0.23	-0.05	-40	-21	-6	-172	-97	-17	78	+500	103	104	98	91	100	97	103	94	103	101	104	102	104	
Alt NL 385608329	Barnkamper Sublim		Kirby	Addison	Nat		97	+24	+7	2001	99	+601	-0.34	-0.12	+0.07	-6	+10	+34	+39	+0	-37	97	+148	102	104	99	100	100	103	95	97	108	105	102	95	102	
CRV NL 817118723	Delta Novalis		Target	Cleitus	Gnat		98	+24	-7	12631	99	-184	-0.10	+0.09	+0.05	-16	+1	-4	-31	+0	+72	99	+313	102	100	104	103	99	98	98	99	94	90	101	95	95	
CRV NL 294754283	Delta Masada		Laurenzo 2	Lukas	Gnat		98	+23	-7	3976	99	+312	-0.07	-0.10	-0.05	-7	+20	+10	+100	-2	-17	99	-41	104	101	101	97	85	96	96	99	100	100	94	94	94	
CRV NL 366047262	Delta Ny Yankee		Dustin	Sierra	Gnat		98	+23	-2	12392	99	+396	+0.01	-0.02	+0.05	+18	+12	+23	+94	+0	+9	99	-239	100	99	102	103	93	94	102	99	101	100	100	100	100	
Ves IT 12990018692	Meridiana Fez		Ford	Skywalker	Nat		96	+22	+17	1303	99	+175	-0.09	-0.09	+0.10	-1	-2	+17	-5	+0	-22	92	+193	104	101	103	94	104	101	97	94	101	101	97	99	98	
ABS US 53452439	Larcere Classic		Alton	Outside	Int		83	+20	-9	93	92	+823	-0.22	-0.36	-0.01	+14	-6	+37	+16	+23	-33	76	+186	104	98	103	92	101	99		72	103	105	105	96	102	
WWS NL 970123462	Hardys Juror Palmer-Et		Juror	Oscar	Nat		97	+20	+0	1988	99	-567	+0.48	+0.09	+0.07	+15	-12	-20	-24	+0	-2	97	+22	106	102	106	102	99	97	94	99	101	100	102	97	100	
Alt US 62085114	Bosside Altaross		O Man	Boss	Nat		98	+20	-4	14905	99	-384	-0.09	-0.05	+0.05	-24	-18	-13	-128	-2	-46	99	+364	107	105	104	101	106	105	105	99	100					

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext
Ai Bull number	Bull name	Her-fa Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T
Melkdoel Zwart						pnt		Productie										€		€	Functioneel										Exterieur				
CRV NL 277557665	Delta Olympic	Addison	Besne Buck	Gnat		99	+1	+0	88496	99	+799	-0,32	-0,09	-0,02	+3	+19	+35	+95	+0	-24	99	-135	99	97	103	100	102	102	101	99	107	104	99	99	102
ABS NL 970179559	Moroville Addison Banker	Addison	Manfred	Nat		97	+1	-1	1524	99	+831	-0,45	-0,09	+0,02	-8	+20	+40	+77	+0	-51	96	-128	106	98	102	97	101	99	94	98	108	106	98	98	101
Dek FR 2217051448	Roumare	Jocko	Gibbon	Nat		98	+1	+0	1852	99	+298	-0,15	+0,05	+0,21	-1	+15	+33	+69	+2	+3	97	+53	106	92	106	93	103	105	96	99	99	99	107	94	100
Alt NL 203822614	Eastland Impuls	Lord Lily	Sunny Boy	Nat		97	+0	+1	1745	99	-96	-0,05	-0,04	-0,06	-8	-7	-10	-49	+0	-39	97	-14	102	103	99	102	100	102	103	99	104	103	105	96	102
CRV NL 791229118	Proud	BY Prelude	Cleitus	Gnat		98	+0	-1	16347	99	-54	+0,03	-0,17	+0,02	+0	-17	-1	-70	-2	-36	99	+146	105	100	96	89	103	99	105	99	105	104	99	99	101
CRV NL 319957882	Delta Lava	BL CV Ugela Bell	Cleitus	Gnat		98	+0	-1	45145	99	-598	+0,14	+0,11	+0,00	-14	-12	-27	-87	+0	+42	99	+223	98	101	90	97	90	98	103	99	89	101	105	103	101
Fre NL 926098077	Holstein Wierden Pay Out	Windbrook	James	Nat	n	78	-2	n	145	85	+105	+0,12	+0,04	-0,01	+15	+7	+4	+61	n	-37	67	+117	101	95	100	102	100	89	98	81	99	105	105	99	103
ABS UK 305947101193	Woodmarsh Zoro	Goldwyn	Outside	Nat		86	-30	+3	165	92	-525	+0,53	+0,09	-0,01	+21	-11	-25	-9	+4	-19	80	-221	103	99	99	97	98	96	89	106	102	108	93	103	
SZO IT 020990029868	C.M.E. September Zeling	RF September Stor	James	Nat		93	-33	+7	593	97	+481	-0,05	-0,22	-0,03	+16	-4	+19	+23	-8	+7	89	-174	104	98	91	102	100	96	96	90	96	98	101	97	97