

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 2020

Ki Stiernummer	Stiernaam	Erf-I 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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T						
Melkdoel Zwart										pnt	Productie										€	€	Functioneel										Exterieur									
K&L	DK 0000002573	Vh Bube Bernell	Bube	Vh Salomon	Gnat					87	+286	+26	239	93	+1135	-0.17	+0.00	-0.02	+31	+39	+50	+240	+64	+24	75	+491	107	107	106	101	103	98	110	93	101	99	105	106	106			
WWS	US 70071611	S-S-I Mogul Reflector	Mogul	Super	Nat	2n				89	+271	-18	179	93	+1400	-0.29	-0.02	+0.05	+30	+47	+69	+276	-2	-32	76	+733	105	104	107	97	108	108	103	91	102	103	112	105	110			
Alt	US 72615089	Bomaz Altabanco	Donatello	Rmw Amittage	Nat					82	+264	+19	97	87	+1413	-0.10	-0.06	+0.02	+50	+43	+67	+301	+74	+10	69	+486	106	108	104	97	102	103	106	81	97	102	106	97	101			
Alt	US 69829746	Lone-Oak-Acres Altarabo-Et	Mogul	Observer	Nat					93	+261	+4	1618	96	+1599	+0.00	-0.14	+0.13	+68	+41	+87	+337	+27	+33	85	+451	107	102	103	101	106	105	99	97	102	102	111	104	109			
Alt	NL 949033666	Westenrade Atlaspring	Mogul	Gerard	Nat					92	+258	+40	546	96	+1609	+0.05	-0.04	+0.02	+73	+52	+76	+389	+53	+7	84	+518	101	103	104	98	101	104	104	94	101	105	110	100	106			
Tot	DE 0538910879	Yuppi	Woodcrest Mogu	Roylane Socra R	Nat	Ng				60	+256	####	29	70	+2072	-0.03	-0.08	-0.00	+91	+63	+95	+478	####	-4	53	+604	100	99	105	98	104	104		59	101	104	104	102	104			
Gex	US 73316308	Weigeline Jacey Tabasco	Jacey	Bookem	Nat					87	+244	+3	389	92	+2163	-0.34	-0.04	+0.01	+54	+71	+100	+435	+23	-14	76	+406	103	102	105	100	107	98	102	92	105	102	102	99	102			
Sam	NL 755898903	Cogent Supershot	Supersire	Super	Nat					93	+240	-5	413	97	+1868	-0.52	-0.16	+0.11	+23	+48	+97	+274	+1	-18	85	+595	105	106	106	101	105	96	104	97	105	106	104	99	104			
CRV	NL 678889806	Delta Elagaster Jenever	Crescendo	Sudan	Gnat	Gn				80	+236	+27	171	88	+1363	-0.14	-0.11	-0.03	+44	+36	+59	+258	+37	+20	70	+485	101	105	103	105	102	108	109	87	97	100	105	104	104			
ABS	DE 0538920253	Dg Charley	Supershot	Mogul	Gnat					82	+235	-27	92	89	+1244	-0.15	-0.08	+0.05	+38	+35	+62	+242	-12	+44	71	+556	105	104	108	105	105	101	105	89	94	98	104	100	100			
CRV	NL 710730956	Delta Bodyguard	Bolt Rf	Stellando Rf	Gnat	Gn				84	+234	+7	303	90	+1151	-0.06	+0.00	-0.02	+43	+40	+55	+271	+50	+22	74	+185	106	103	107	98	104	102	103	92	99	102	107	107	107			
ABS	US 70625988	De-Su 11236 Balisto	Bookem	Watson	Nat					98	+233	-5	6336	99	+826	-0.38	+0.34	+0.01	+72	+62	+39	+417	+22	-2	95	+590	103	100	103	104	104	102	98	99	98	100	107	98	102			
Tot	NL 866744832	De Volmer Dg Super C	Supershot	Mogul	Nat					70	+232	+36	32	77	+1706	-0.02	-0.14	+0.08	+70	+45	+86	+357	+63	+9	65	+568	105	101	103	99	102	97	101	72	101	103	106	98	103			
CRV	US 3013064533	Intense-Com Yoder Splash	Woodcrest Mogu Day	Gnat	Gn					80	+232	+31	268	87	+852	-0.18	-0.01	-0.02	+54	+29	+37	+433	+74	-6	70	+421	106	103	103	100	100	101	107	91	102	105	105	106	107			
AWE	NL 755898972	Cogent Dg Superstyle	Supersire	Super	Nat					83	+230	+5	115	91	+2389	-0.46	-0.21	+0.10	+50	+59	+120	+383	+25	-2	73	+527	105	101	102	99	108	104	102	85	101	104	104	97	101			
WWS	US 143189741	Wa-Del Yoder Bandares	Woodcrest Mogu Massey	Nat						78	+228	+10	80	84	+347	+0.24	+0.13	-0.07	+37	+24	+22	+103	-24	-29	66	+592	107	106	105	94	103	108	102	86	103	105	110	103	109			
CRV	NL 755139693	Het Meer Bravo	Balisto	Bowser	Gnat					94	+227	+12	4448	96	+824	-0.18	+0.17	+0.12	+52	+45	+49	+388	+38	+16	86	+467	106	103	108	106	102	90	97	99	101	99	101	102	102			
CRV	NL 878791136	Aurora Freeze	Bowser	O Man	Gnat					93	+226	-3	209	97	+1054	-0.14	-0.10	+0.09	+31	+47	+57	+275	+5	+51	88	+617	100	107	100	101	94	102	104	93	90	97	104	98	98			
GGL	DE 0666519827	Barley	Balisto	Epic	Gnat					87	+225	+10	255	91	+765	-0.45	+0.41	-0.07	+76	+66	+28	+439	+25	+1	75	+518	97	97	107	102	106	99	105	91	98	100	106	101	103			
CRV	NL 548848001	Delta Galore	Balisto	Gravity	Gnat					91	+223	-13	1548	94	+1451	-0.23	-0.16	+0.03	+38	+67	+69	+375	+30	+23	83	+568	101	97	93	103	97	94	106	99	93	100	108	105	105			
WWS	US 70625809	De-Su Rookie 11057-Et	Bookem	Bronco	Int					82	+223	-29	104	88	+1120	-0.26	-0.11	+0.00	+73	+28	+51	+283	-16	+22	74	+593	103	102	106	99	105	94	102	85	99	102	106	101	104			
WWS	US 70626040	De-Su Mg Davinci 11288	Mogul	Watson	Gnat					82	+222	+17	39	87	+1546	+0.10	+0.00	+0.13	+76	+54	+84	+406	+25	+12	74	+431	103	99	103	102	101	105	98	86	98	101	110	99	104			
Alt	NL 751487024	Peak Le Altacordial	Altaspring	Supersire	Nat					78	+222	+9	170	86	+1446	-0.02	-0.09	+0.05	+59	+41	+71	+313	+15	-17	69	+567	105	101	102	97	104	100	102	81	102	105	109	100	106			
CRV	US 3129128855	Peak Hotline	Altahotrod	Mogul	Gint					78	+221	-9	114	84	+1100	+0.34	+0.04	+0.09	+80	+42	+59	+358	+39	-22	65	+222	100	103	105	101	101	107	99	86	102	102	110	106	109			
Sem	CA 11761788	Silverridge Endure	Dooman	Snowman	Nat					87	+221	-29	401	93	+1351	-0.16	-0.09	-0.01	+41	+38	+61	+260	-73	-1	78	+740	107	99	103	97	96	82	104	92	103	104	107	101	106			
CRV	NL 679611154	Delta Beale	Commander	Fever	Gnat	Gn				84	+221	+41	299	90	+409	+0.47	-0.02	+0.11	+61	+12	+29	+186	-19	+10	73	+400	107	101	103	104	106	102	109	91	100	100	110	107	109			
Kam	NL 759560912	Baltic	Balisto	Bertil	Gnat	Gn				80	+219	+47	132	88	+1504	+0.04	+0.16	+0.00	+68	+69	+69	+446	####	+13	71	+357	101	99	104	96	101	102	100	84	105	103	100	101	102			
GGL	DK 0337230636	Balikum	Balisto	Snowman	Gnat					89	+217	+28	413	94	+1354	-0.17	+0.09	-0.04	+75	+56	+66	+407	+47	-20	80	+425	104	99	104	101	100	90	100	95	101	100	105	99	102			
Bov	US 72518592	Mr America Milestone	Mccutchen	Roylane Socra R	Nat					79	+217	+13	114	87	+2123	-0.37	-0.20	+0.07	+49	+52	+105	+348	+11	+29	71	+450	105	101	106	98	104	103	98	87	95	100	106	97	100			
Mas	DE 0358162492	Missan	Missouri	Mccutchen	Gint					75	+217	+15	25	82	+1526	-0.11	-0.16	-0.08	+53	+36	+61	+277	+27	+9	66	+374	105	101	104	102	101	105	105	78	93	99	113	100	105			
CRV	NL 599978140	Delta Conan	Commander	Stemgold	Gnat					84	+217	+19	378	90	+401	-0.18	+0.20	-0.02	+34	+32	+20	+209	+76	-30	74	+345	104	102	105	103	103	105	108	93	96	104	108	110	109			
CRV	NL 917456064	Delta Semper	Solution	Stellando Rf	Gnat					85	+216	+20	364	91	+1085	-0.21	-0.06	+0.02	+25	+32	+52	+199	+14	+22	76	+250	107	104	106													

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	Erft-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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&I	T															
Melkdoel Zwart										Productie										€										Functioneel										Exterieur											
K&L	US 69981344	Seagull-Bay Sargeant	Badger-Bluff Fa	Planet	Nat		92	+202	+12	378	97	+2785	-0.67	-0.38	+0.08	+40	+53	+136	+342	+20	-4	85	+451	100	102	98	96	105	102	105	94	102	106	106	99	104															
CRV	NL 679221023	Ms Camino	Commander	Super	Gnat		83	+202	+10	233	90	+1380	-0.27	-0.09	+0.04	+31	+39	+67	+245	-7	+34	73	+356	105	100	100	99	106	107	105	91	94	96	111	103	105															
CRV	NL 888639628	Delta Bookem Danno	Bookem	Bolton	Gnat		98	+202	-24	26281	99	+1045	-0.25	-0.07	+0.02	+20	+29	+50	+176	-14	-41	97	+120	107	104	108	100	99	89	103	99	101	105	104	112	110															
Tot	NL 763906694	Broeks Kemas	Mardi Gras	Bookem	Nat		66	+200	+14	53	78	+1064	-0.11	-0.09	+0.14	+34	+28	+62	+205	+2	+16	59	+517	103	105	106	103	105	102	64	100	101	109	100	105																
CRV	NL 924716230	Delta Daily	Danno	Augustus	Gnat		87	+199	+7	403	92	+1508	-0.51	-0.21	+0.08	+11	+31	+77	+173	+18	+0	78	+159	109	104	108	101	98	97	103	94	98	101	105	105	105															
Tot	DE 0354449388	Boom	Bookem	Bogart	Gnat		84	+198	-2	95	92	+1534	-0.16	-0.12	+0.03	+48	+41	+73	+291	-75	+21	75	+249	106	103	104	103	104	100	99	82	102	102	105	99	103															
CRV	NL 925119199	Newhouse Vernal	Ajax Cd	Cricknet	Gnat		91	+198	-3	188	96	-259	+0.58	+0.31	+0.00	+39	+18	-12	+152	+0	-21	84	+329	106	110	101	109	103	97	103	92	101	102	104	102	104															
Alt	US 3009976647	No-Fla Altagenuity	Epic	Trigger	Nat		86	+198	-9	206	91	+700	-0.31	-0.16	+0.18	+0	+9	+49	+52	-52	+4	76	+763	105	106	105	104	105	101	110	88	100	101	108	101	105															
CRV	NL 656787711	L W Crescendo	Stellando Rf	Planet	Gnat		93	+196	+0	278	97	+1421	-0.09	-0.05	+0.02	+70	+44	+67	+348	+7	+39	85	+272	98	104	108	103	98	105	101	95	98	102	100	98	99															
CRV	US 3010356101	Mr Maribel Jacey Marlow	Jacey	Numero Uno	Gnat		80	+196	-13	47	88	+1042	-0.13	-0.07	+0.06	+31	+29	+54	+200	-1	-6	70	+681	108	102	100	96	106	103	102	85	98	102	110	97	103															
ABS	US 69087180	View-Home Monterey Et	McCutchten	Roylane Socra R	Nat		88	+195	-1	249	92	+750	+0.12	+0.02	+0.08	+43	+28	+42	+218	+17	+35	77	+419	101	101	109	100	108	106	105	93	93	97	114	100	105															
WWS	US 70119251	Ronelee Ssi O Daddy	Observer	Outside	Nat		83	+195	-3	35	89	+1531	-0.44	-0.16	-0.06	+19	+37	+64	+211	+17	+10	77	+268	106	104	105	100	96	102	109	85	100	101	100	100	100															
WWS	US 3125066459	Welcome Legendary 2870	Damaris	Shema Jeeves Ca	Nat		68	+195	+68	27	76	+336	+0.31	+0.01	+0.09	+43	+13	+24	+151	+96	+17	49	+580	103	105	103	95	104	101	107	78	95	100	110	99	103															
WWS	US 70626131	De-Su Ltm Rodgers 11379-Et	Lithium	Briggen Russell	Nat		83	+195	+18	66	86	+896	-0.07	-0.17	+0.08	+31	+15	+49	+141	+53	+40	78	+411	107	106	108	106	101	97	103	78	95	97	102	100	99															
STG	US 72128215	Mr Mogul Denver 1426	Mogul	Roylane Socra R	Nat		82	+194	-17	65	88	+2075	-0.05	-0.21	+0.03	+83	+49	+98	+405	+24	+11	73	+434	99	99	102	93	104	103	100	85	102	105	107	97	103															
Alt	US 71996878	Wesselcrest Altaanteup	Mogul	Observer	Nat	2n	93	+194	-1	815	97	+2086	-0.26	-0.22	+0.06	+60	+49	+102	+358	+30	+2	85	+217	100	98	106	97	108	106	101	94	104	105	110	104	109															
CRV	NL 538172899	Tjebbinga Geelong	G-Force	Mascol	Gnat		94	+194	-2	364	98	+225	+0.46	+0.12	-0.05	+51	+19	+6	+187	+5	+25	89	+437	105	101	103	101	95	90	106	94	100	100	101	107	104															
CRV	NL 548354692	Delta Regard	Chevrolet	Belfast	Gnat		93	+193	+0	771	96	+2027	-0.38	-0.16	+0.06	+45	+53	+99	+342	+25	+66	84	+288	102	94	104	97	98	106	105	99	99	100	106	104	105															
Alt	US 3011527649	No-Fla Altavino	McCutchten	Massey	Nat		80	+193	-6	57	84	+903	+0.13	-0.06	+0.07	+51	+26	+48	+228	-6	-33	68	+264	111	101	106	100	106	97	102	73	99	103	112	98	105															
ABS	US 70726929	Uecker Supersire Josuper	Supersire	Beacon	Nat		89	+192	-7	318	94	+2516	-0.24	-0.17	-0.05	+80	+68	+109	+480	+0	-23	79	+267	101	97	108	98	106	98	100	91	101	104	101	95	99															
GGI	DK 03372306251	Cinema	Chevrolet	Snowman	Gnat		82	+192	-8	54	90	+2756	-0.38	-0.32	-0.01	+73	+59	+125	+433	-19	+47	72	+478	104	88	101	97	98	96	104	87	97	101	104	102	102															
K&L	DK 02371402381	Vh Barkley	Bookem	Gibor	Gnat		87	+192	-5	108	92	+1181	-0.32	-0.12	-0.03	+18	+29	+51	+172	+0	+26	75	+468	105	101	106	104	97	98	105	89	94	96	104	105	102															
STG	US 72128125	Edg Rubicon	Mogul	Roylane Socra R	Nat		90	+191	-17	344	95	+736	+0.52	+0.07	+0.12	+81	+32	+45	+315	+21	+1	82	+336	102	98	108	98	103	101	98	95	101	106	108	105	108															
Alt	US 3129037884	Mr Salvatore	Supershot	Dymenholm S Sj	Nat		75	+191	-24	73	83	+2008	-0.43	-0.31	+0.14	+38	+36	+107	+260	-34	-7	66	+452	106	101	104	104	102	97	100	84	101	105	110	98	105															
STG	US 72128224	Mr Mogul Drama 1435	Mogul	Roylane Socra R	Nat		78	+190	-2	59	86	+2167	-0.42	-0.32	+0.09	+46	+40	+109	+293	+23	+45	70	+449	99	102	102	102	103	107	101	78	96	101	105	101	102															
Sem	CA 12189029	Stantons Applicable	Silver	McCutchten	Nat		77	+190	+37	62	83	+227	+0.38	+0.05	+0.10	+44	+12	+19	+147	+51	-18	67	+275	104	103	102	98	98	110	106	84	98	105	119	106	113															
ABS	DE 0538894921	Wildner Hamlet	Supershot	Saloon	Nat		72	+189	+40	44	80	+1548	-0.12	-0.01	+0.05	+53	+53	+76	+351	+60	-46	64	+339	104	101	99	100	102	98	104	78	103	105	105	97	103															
CRV	NL 246470564	Beerzedal Paragon	Rocky	Jeeves	Gnat		89	+189	-21	529	93	+991	+0.28	+0.07	-0.01	+70	+41	+44	+328	+5	-16	80	+496	103	97	104	101	104	99	103	96	104	106	104	101	105															
Sem	CA 107559777	Swissbec Brekem	Bookem	Man-O-Man	Nat		94	+189	-15	767	98	+347	+0.14	+0.15	+0.07	+28	+26	+22	+172	-6	+10	88	+449	103	105	101	100	106	102	106	97	99	103	106	102	104															
WWS	CA 11591480	Delaberge Pepper	Mogul	Planet	Nat	2n	93	+189	+5	645	97	-59	+0.56	+0.21	-0.09	+47	+16	+5	+166	+16	-24	86	+468	104	104	108	102	109	104	98	96	102	107	113	104	111															
GGI	DE 0538397041	Basement	Balisto	Snowman	Gint		76	+188	+11	24	83	+1319	-0.02	-0.08	-0.06	+54	+54	+54	+351	+54	-22	68	+474	102	101	99	104	102	101	98	101	100	101	106	98	102															
CRV	NL 758114819	Delta Milkyway	Mobile	Gibor	Gnat		85	+188	-7	254	91	+1634	-0.23	-0.17	-0.05	+45	+39	+69	+275	+31	+93	77	+382	103	101	105	102	102	96	98	92	91	90	97	102	95															
GGI	DE 0537057055	Bedford	Beacon	Goldwyn	Gnat		84	+188	+3	37	90	+1091	-0.09	-0.02	-0.01	+37	+36	+49	+234	+78	+14																														

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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April 2020

Ki Stiernummer	Stiernaam	Erf-/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- Sire	MGS	S N	Rel NVI +/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T					
Melkdoel Zwart					pnt	Productie										€		Functioneel										Exterieur									
WWS US 3008328663	S-S-I Robust Biggio	Roylane Socra R	Planet	Int	85 +180 -8	326	91	+1234	+0.09	+0.03	+0.00	+61	+46	+56	+334	+8	+19	77	+495	103	96	103	97	105	104	105	85	102	102	103	97	101					
WWS US 3014365400	Oed Rodgers Franchise	Rodgers	Mogul	Nat	74 +180 +13	28	79	+1022	-0.08	-0.12	-0.05	+35	+24	+52	+188	+44	+21	62	+365	105	103	107	106	103	100	103	79	92	100	110	97	101					
Bov US 3012559636	T-Gen-Ac Doodler	Mccutchen	Altaiota	Nat	69 +179 +28	29	78	+1222	+0.10	-0.03	-0.02	+62	+40	+54	+310	####	-48	64	+194	104	101	108	101	104	106	72	104	103	106	100	105						
Sem US 73956539	Morningview Upright	Kingboy	Numero Uno	Nat	77 +179 +3	156	86	+1153	+0.12	-0.05	-0.04	+61	+35	+49	+286	+33	-20	67	+455	100	105	108	99	105	102	85	103	103	107	93	101						
Alt US 73752884	No-Fla Altafreup	No-Fla Fuelup 3	Mogul	Nat	80 +179 -10	132	85	+846	+0.41	-0.09	+0.14	+76	+21	+52	+261	+33	+42	66	+387	101	99	106	100	101	102	104	81	101	101	108	100	105					
K&L DK 0237140269	Vh Bosman	Balisto	G-Force	Gnat	82 +178 -58	129	89	+795	+0.31	+0.26	-0.03	+64	+53	+33	+362	-27	+20	72	+352	102	96	100	98	99	102	100	88	95	99	103	103	102					
CRV NL 757448553	Delta Natural	Packman	Super	Gnat	88 +178 +1	133	94	+1363	-0.10	+0.05	+0.08	+48	+53	+70	+339	+8	+22	80	+183	103	102	101	100	102	99	102	89	103	101	100	97	99					
GGI NL 916344441	Mars Mandela	Mogul	Super	Gint	82 +178 -7	28	86	+764	+0.18	-0.07	-0.03	+50	+33	+38	+252	-7	+5	71	+396	102	104	107	97	104	100	101	82	98	99	101	98	99					
CRV NL 875952040	Bouw Final	Danno	Epic	Gnat	95 +178 -14	5390	97	+1076	-0.26	-0.11	+0.14	+20	+27	+63	+172	-26	-18	88	+314	106	99	105	103	105	96	106	99	97	104	105	109	107					
CRV NL 716548160	Delta Rozet	Jasper	Yano	Gnat	84 +178 -5	435	89	+558	-0.03	+0.01	-0.01	+21	+20	+25	+134	-20	+25	74	+199	105	106	104	106	98	94	102	94	98	95	112	102	106					
Alt NL 762038996	Holec Altafarista	Balisto	Man-O-Man	Nat	77 +177 +3	62	85	+1077	+0.14	+0.24	+0.04	+60	+61	+53	+392	+9	+14	70	+258	102	97	101	103	100	101	101	78	98	101	105	98	101					
CRV NL 751519714	Apina Malcolm	Stellando Rf	Ramos	Gnat 2n	93 +177 -16	262	97	+1236	-0.11	+0.04	-0.02	+41	+47	+54	+295	+10	+2	88	+60	101	100	105	100	100	99	106	95	101	102	97	108	103					
WWS US 72044077	Morningview Mcc Kingboy	Mccutchen	Super	Nat 2n	91 +176 -8	464	96	+1751	-0.31	-0.24	-0.04	+41	+36	+76	+257	-3	-45	84	+407	105	101	108	96	98	97	100	96	102	104	110	97	105					
CRV NL 533730469	Delta G-Force	Jordan	Man-O-Man	Gnat	98 +175 -17	16539	99	+665	+0.17	+0.17	-0.01	+44	+39	+29	+261	-3	+6	99	+191	97	104	102	103	99	99	101	99	98	99	103	105	103					
Alt US 3125475781	Peak Altaconjuror	Jabir	Mogul	Nat	72 +175 +3	75	82	+614	+0.31	+0.07	-0.06	+55	+28	+22	+237	-10	-56	63	+364	100	102	102	99	104	100	107	66	96	105	108	104	106					
Mas NL 546055407	Weelder Special Force	G-Force	Planet	Gnat	85 +175 +7	76	92	+1630	-0.56	-0.12	-0.02	+11	+44	+72	+225	-6	-11	77	+606	103	102	97	100	103	104	102	86	102	102	107	100	105					
US 3126779955	Peak Alpainter	Davinci	Numero Uno	Nat	78 +175 +23	157	86	+703	+0.09	+0.03	+0.06	+38	+27	+38	+202	+73	+16	68	+482	102	104	105	100	104	106	101	83	100	102	111	96	104					
CRV NL 925887513	Bouw Rocky	Shamrock	Goli	Gnat	98 +175 -14	9749	99	+167	+0.14	+0.07	-0.02	+20	+12	+6	+93	-14	-52	95	+777	106	102	107	100	101	99	104	99	102	106	107	103	107					
WWS US 3123886035	S-S-I Montross Jedi	Montross	Supersire	Nat	85 +174 +4	217	90	+2048	-0.59	-0.09	+0.14	+23	+61	+109	+331	+12	+1	73	+389	107	102	103	101	111	98	95	92	99	103	109	88	99					
Tot NL 730406161	Brooks Shorock	Shamrock	Shuttle	Nat 2n	83 +174 -5	73	91	+610	+0.11	-0.10	+0.09	+36	+12	+36	+136	+3	+42	76	+770	103	108	98	101	107	102	102	79	103	99	102	94	99					
Sem US 3013129323	Ladys-Manor Doorsopen	Dooman	Dorcy	Nat	84 +173 +23	130	91	+595	+0.26	-0.07	-0.01	+50	+14	+26	+170	+19	-26	75	+480	112	98	101	93	99	90	100	91	100	103	115	100	108					
CRV NL 767661874	Ms Riverboy	Aikman	Planet	Gnat	92 +173 -7	559	96	-210	+0.61	+0.04	+0.05	+44	-4	-5	+75	-13	+13	83	+407	101	104	98	103	105	95	107	97	92	100	105	103	102					
CRV US 3125645118	Bush-Bros Balist Trident	Balisto	Day	Gnat Gn	82 +172 +22	238	89	+678	+0.45	+0.18	+0.03	+72	+41	+34	+330	+29	+1	73	+244	106	98	102	101	100	99	97	90	97	102	109	98	103					
Alt US 70344827	Synergy Altapilsner	Jives	Planet	Nat	86 +172 -13	942	99	+403	+0.36	+0.26	+0.04	+50	+38	+22	+267	-13	+19	93	+348	104	101	106	100	95	93	103	93	104	102	98	98	99					
Alt US 71494672	Edg Deman	Mogul	Atwood	Int	85 +172 +3	23	91	+263	+0.53	+0.20	+0.00	+59	+27	+12	+238	+22	+2	76	+248	103	99	100	93	105	107	89	98	100	115	106	111						
CRV NL 714130460	Oosterzicht Genie	Numero Uno	Atlantic	Gnat	91 +172 -10	158	96	+324	+0.31	+0.10	-0.05	+42	+20	+10	+173	-7	+37	83	+350	101	106	103	100	97	106	102	92	100	97	107	100	103					
CRV NL 875006950	Delta Almond	Aikman	Gibor	Gnat	88 +172 +7	164	94	+411	+0.15	+0.05	-0.04	+31	+19	+15	+148	-27	+26	77	+207	108	104	98	105	95	95	107	91	95	98	101	103	100					
CRV NL 844352916	Delta Healer	Bolt Rf	Snowman	Gnat Gn	78 +172 +10	20	86	+421	+0.33	-0.08	-0.05	+48	+7	+15	+134	+57	-19	69	+336	109	103	104	100	109	98	101	85	100	103	108	103	106					
K&L DK 0414120264	Vh Tirsvad Sundance Stu	Bookem	Gint	Nat	78 +171 -8	25	86	+1920	-0.37	-0.20	+0.07	+42	+45	+95	+301	-18	+14	70	+498	104	99	102	97	99	102	97	85	99	98	106	97	101					
CRV BE 011463791	Delta Jarvis	Dynamo	Snowman	Gnat	88 +171 -8	150	94	+1464	-0.19	-0.11	+0.02	+42	+40	+69	+273	+21	-29	78	+363	105	98	101	97	100	101	102	91	100	104	98	107	103					
WWS CA 11161715	Mapel Wood Brewmaster	Garrett	Shuttle	Nat	90 +171 +28	432	93	+848	+0.48	-0.13	+0.04	+82	+17	+43	+255	+53	+35	84	+218	101	102	106	100	100	102	103	93	101	102	102	101	102					
Alt US 72395345	T-Spruce Altajake	Welcome Super P	Observer	Nat	84 +171 +21	106	90	+1608	-0.38	-0.26	+0.01	+28	+29	+74	+200	+23	+24	70	+321	105	105	103	100	104	103	99	75	98	100	107	97	102					
GGI DE 0355165348	Bube Et	Beacon	Jeeves	Gnat	91 +171 -27	155	96	+1502	-0.45	-0.26	+0.03	+17	+25	+72	+160	+10	+32	84	+360	101	101	104	101	110	105	105	94	103	99	100	111	107					
CRV NL 885344086	Delta Jayhawk	Epic	Ramos	Gnat	90 +171 -11	138	95	+424	-0.01	-0.15	-0.03	+17	+1	+17	+45	-16	-14	83	+577	109	103	105	107	101	105	108	91	103	105	106	102	106					
ABS US 72156794	Seagull-Bay Silver	Mogul	Snowman	Nat	95 +170 -12	2559	98	+1114	+0.26	-0.05	+0.09	+73	+34	+60	+311	+48	+9	88	+207	96	99	105	98	104	109	102	99	101	104	113	104	110					
GGI DK 0337230625	Chevalier	Snowman	Gnat	Nat	84 +170 -4	77	91	+1481	-0.11	-0.21	+0.01	+51	+30	+69	+251	+23	+16	74	+348	106	100	108	99	102	99	97	89	101	104	102	100	102					
ABS US 71813557	De-Su 11971 Justice	Platinum	Numero Uno	Nat	76 +170 -28	45	83	+964	+0.03	+0.00																											

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 2020

Ki Stiernummer	Stiernaam	Erf-Ivader	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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T			
Productie																				Functioneel										Exterieur								
€																				€																		
Mas	DE 0357400200	Bonando	Boss	Beacon	Gint	77	+165	-19	43	86	+1698	-0.13	-0.11	+0.04	+58	+48	+82	+343	+16	+11	68	+339	102	98	101	93	104	100	99	81	97	99	103	99	100			
Sem	US 3014561903	Sandy-Valley Afterburner	Flame	Mogul	Nat	78	+165	-16	112	86	+542	+0.29	+0.17	+0.00	+50	+35	+25	+256	-19	-1	67	+265	104	103	104	99	102	99	102	86	101	101	103	96	100			
CRV	NL 549452120	Delta Noga P	RF PO C Maddock P	Goldwyn	Gnat	89	+165	+11	180	94	+518	-0.07	+0.16	+0.01	+15	+33	+25	+174	+1	-20	79	+390	104	103	100	103	101	100	106	92	100	103	106	101	104			
Alt	US 3126218670	Peak Altafeature	Altageunity	McCutchen	Nat	68	+165	+18	39	78	+1182	-0.33	-0.25	+0.21	+17	+16	+75	+124	+23	+28	50	+576	105	101	105	104	104	102	105	75	98	101	108	99	103			
Alt	US 69829747	Lone-Oak-Acres Altaroble	Mogul	Observer	Nat	2n	89	+165	-11	259	95	+868	-0.21	-0.17	+0.17	+16	+14	+56	+108	+11	+15	80	+295	103	106	102	100	105	106	100	87	102	103	114	104	111		
CRV	NL 876621259	Delta Amigo	Atlantic	Gibor	Gnat	92	+165	+12	268	96	+26	-0.05	+0.14	-0.18	-3	+13	-15	+43	+25	-25	83	+459	109	106	108	108	101	98	107	95	100	101	100	101	101			
Kam	NL 612994942	Het Meer Bali	Balisto	Atwood	Gnat	82	+164	+24	108	90	+259	+0.87	+0.29	-0.01	+90	+35	+11	+336	+34	+6	74	+366	104	98	95	97	104	99	98	86	96	96	108	98	101			
Alt	US 70625861	De-Su Altajohnson	CV	Snowman	Massey	Nat	92	+164	+18	562	97	+2397	-0.66	-0.40	+0.00	+27	+38	+110	+246	+21	-27	85	+521	112	97	99	100	101	97	98	91	102	105	106	97	103		
WWS	US 70801841	Coyne-Farms Sroek Mack	Shamrock	Jet Stream-Et	Nat	2n	83	+164	+13	60	91	+1093	-0.01	-0.18	+0.00	+45	+20	+50	+192	+12	-25	76	+478	100	104	100	99	106	104	103	86	103	103	106	103	106		
WWS	US 68977120	Ladys-Manor Pl Shamrock	Planet	Shottle	Nat	96	+164	-3	446	99	+1071	-0.24	-0.32	+0.07	+22	+6	+56	+88	+1	+38	94	+797	99	106	104	102	102	105	104	97	99	100	103	100	101			
GGI	DE 0538251988	Blossom	Boss	Snowman	Gnat	88	+164	+20	283	94	+518	-0.16	-0.02	-0.01	+7	+16	+23	+87	+41	-40	78	+565	109	101	106	96	102	97	103	93	101	105	110	102	107			
OBS	DE 0358110833	Milton	Missouri	Snowflake	Gint	74	+163	-16	28	82	+2197	-0.39	-0.18	-0.07	+50	+57	+93	+367	+26	+33	62	+266	100	96	101	101	98	104	102	79	96	100	111	96	103			
Toe	NL 664208143	Slobom S Jorvik	McCutchen	Snowman	Nat	71	+163	-3	40	81	+1494	-0.09	-0.08	+0.06	+54	+44	+74	+316	+17	+16	63	+243	103	97	105	99	104	97	76	97	100	107	99	102				
Tot	DE 0538820963	Dv Dh Quan	Supershot	Massey	Nat	68	+163	-20	58	77	+1350	-0.25	-0.09	+0.12	+32	+38	+74	+245	+25	+14	61	+546	104	102	100	102	107	99	97	68	99	101	107	95	101			
CRV	NL 946768330	Red Rocks Mason	RF	Massey	Snowman	Gnat	91	+163	-7	197	96	+886	-0.21	+0.03	-0.04	+17	+34	+37	+186	+9	+2	82	+543	106	98	102	104	98	99	104	93	96	104	102	103	102		
CRV	NL 662846369	Delta Lucifer	Dynamo	Man-O-Man	Gnat	89	+163	-4	166	95	+569	-0.12	+0.17	-0.03	+13	+36	+23	+182	+25	-22	80	+379	103	104	97	100	99	96	101	91	101	105	108	104	107			
GGI	DK 0337230571	Beladi	Bookem	Massey	Gnat	2n	90	+163	-11	296	95	+538	+0.19	+0.01	+0.02	+41	+20	+26	+176	+2	+11	80	+242	108	104	102	98	105	98	99	92	97	104	108	98	103		
Alt	US 3129037624	Ith Caine	Supershot	McCutchen	Nat	Ng	77	+163	-1	134	85	+548	+0.05	+0.05	+0.03	+28	+24	+28	+166	-14	-54	67	+348	102	105	103	102	105	103	105	83	103	105	110	101	107		
Alt	NL 887143113	Champion Altaboekel	Bookem	Man-O-Man	Nat	92	+162	-17	407	97	+1122	+0.08	+0.02	-0.08	+56	+41	+59	+303	-11	+69	86	+375	98	98	104	98	101	101	99	89	94	96	107	100	101			
WWS	US 3006989495	Mr Oed Robust Donatello	Roylane Socm R	Planet	Int	86	+162	-8	35	91	+1135	+0.08	-0.13	-0.01	+56	+27	+51	+244	-7	+56	78	+435	101	103	102	99	102	104	100	87	97	98	102	96	98			
OBS	DE 0358174839	Milord	Missoun	Headliner	Gint	75	+162	+0	31	82	+1100	-0.16	-0.05	-0.06	+31	+33	+44	+214	+10	+39	63	+307	102	101	103	103	102	100	104	78	88	95	108	99	99			
Alt	US 69312636	Sar-Jas Altatime	CD	Predestine	Snowman	Int	77	+162	+70	29	88	+980	-0.07	-0.05	-0.01	+35	+29	+44	+206	+27	+20	64	+689	104	102	105	98	99	101	103	69	97	100	98	93	94		
ABS	US 70346495	Even-Par Shf Cannon-Et	Roylane Socm R	Alexander	Nat	2n	88	+162	+22	515	93	+1620	-0.54	-0.27	+0.14	+12	+28	+89	+167	+17	+30	78	+537	104	100	102	96	101	100	104	88	102	101	107	100	104		
AWE	DE 0538538554	Brentano	Balisto	Sudan	Gnat	91	+162	+17	1310	94	+255	+0.19	+0.11	+0.16	+28	+19	+26	+145	+26	-5	83	+602	105	101	102	104	103	111	104	92	102	106	109	99	106			
Sem	CA 108559578	Delarberge Loptimum Et	Shorglass	Planet	Nat	86	+160	+28	149	92	+1574	-0.33	-0.28	+0.08	+32	+26	+80	+198	+48	-28	75	+487	104	102	106	104	105	94	101	91	102	108	106	98	104			
CRV	NL 548150665	Vero Pianoman	Mogul	Planet	Gnat	93	+159	-17	534	97	+1081	-0.15	-0.10	+0.08	+31	+28	+57	+197	+13	-25	84	+478	103	98	99	98	107	104	103	97	101	102	108	107	109			
CRV	NL 656149430	Groenho Bram	RF	Bolt Rf	Stellando Rf	Gnat	87	+158	+11	453	92	+785	+0.03	+0.14	+0.02	+36	+41	+38	+255	+46	-24	78	+227	107	100	103	97	106	98	98	95	104	105	104	101	105		
Mas	NL 537453128	Heidenskipster Beart	Beacon	Goldwyn	Gnat	90	+158	+10	769	95	+729	-0.42	-0.17	+0.07	-9	+9	+40	+30	+3	+23	83	+408	101	106	105	103	100	104	103	94	99	98	109	109	109			
ABS	US 71813276	De-Su 11690 Fantasmic	Galaxy	Bookem	Nat	80	+157	+5	98	89	+1227	+0.02	-0.01	+0.00	+54	+42	+56	+302	+14	+17	71	+319	105	98	101	103	107	95	99	80	96	103	106	96	100			
GGI	DE 0770248602	Mission P	RF PO	Missouri	Asterix P	Gint	78	+157	+8	74	86	+1188	-0.18	+0.01	+0.00	+32	+42	+54	+256	+11	+27	67	+197	101	104	104	100	100	96	103	84	99	100	103	95	99		
CRV	NL 636632679	Wd Reminder	Shorglass	Aswin	Gnat	85	+157	+13	123	92	+704	+0.02	-0.06	-0.04	+32	+19	+28	+154	+23	-20	74	+325	110	103	103	106	102	92	97	91	94	101	105	98	100			
GGI	DE 1500977836	Jentin	Jeeves	Goldwyn	Int	87	+157	+0	45	92	+1048	-0.17	-0.27	-0.01	+28	+10	+47	+114	+16	+45	79	+509	102	107	101	97	101	102	102	87	97	99	102	99	99			
WWS	US 71667860	Matt-Dari Mogul Payton	Mogul	Man-O-Man	Nat	83	+157	-5	58	86	+413	-0.03	+0.02	+0.13	+15	+16	+31	+106	+23	+16	71	+266	108	105	103	102	108	102	99	80	101	102	110	100	106			
Bov	US 724367877	Edg Uno Comingo 8170	Numero Uno	Man-O-Man	Nat	76	+156	-26	51	84	+1418	+0.09	-0.15	+0.06	+51	+34	+71																					

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-I 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													
Al	Bull number	Bull name	Her- Sire	MGS	S	N	Rel	NVI	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T													
Melkdoel Zwart										Productie										€										Functioneel										Exterieur									
Alt	US 3125982578	De-Su Altasuperstar	Halogen	Supersire	Nat		82	+150	+34	313	89	+964	-0.02	-0.05	-0.23	+39	+29	+21	+207	+48	-33	72	+250	109	102	104	97	102	102	100	89	102	101	108	94	102	102												
CRV	BE 412534452	Delta Feeling	Malcolm Rf	Trigger	Gnat		85	+150	+1	375	91	+1090	-0.12	-0.13	-0.03	+34	+25	+47	+188	+22	+48	76	+181	103	101	104	99	107	105	104	94	95	93	102	102	100													
CRV	NL 842953270	Bacchus Elicanto	Picanto	Bookem	Gnat		83	+150	+22	90	91	+1076	-0.14	-0.14	-0.15	+32	+24	+64	+185	-3	+5	72	+77	106	102	102	107	101	96	99	87	97	102	111	102	106													
Alt	FR 7261003981	Eba Altajehro	Tango	Mogul	Int		74	+150	+19	33	89	+908	-0.04	-0.10	+0.00	+35	+22	+41	+176	+28	+14	66	+213	102	103	104	99	105	100	104	70	99	102	105	101	103													
Sam	NL 752535139	Hockland Bono	Bookem	Twist	Nat	n	74	+150	n	100	82	+247	+0.37	+0.09	-0.09	+44	+17	+3	+163	n	+8	68	+351	101	103	108	102	102	101	101	75	100	101	102	103	103													
Alt	US 140255326	Fustead Altasamao	Planet	O Man	Nat		87	+150	-4	113	92	+995	-0.09	-0.18	-0.03	+33	+17	+42	+152	+17	+37	76	+542	108	101	102	100	100	98	101	76	102	101	99	97	99													
Mas	US 3011584418	Starhawk	Supersire	Observer	Gnat		86	+149	+16	135	93	+1298	-0.07	-0.13	-0.08	+48	+32	+51	+247	+40	-31	76	+366	107	99	103	96	107	95	100	87	105	106	104	97	103													
Alt	US 74599862	Endco The Answer-Po	PO Montross	Eamhardt P	Nat		65	+148	+26	20	75	+1942	-0.25	-0.17	+0.06	+55	+49	+95	+345	+30	+3	58	+347	98	98	105	102	105	106	73	104	102	103	97	102														
Mas	US 3012643773	Mr Sunview Coin Sunfish	RF Cashcoin	Snowman	Gnat		85	+148	-16	87	93	+1605	-0.22	-0.09	+0.02	+45	+46	+75	+306	+10	+14	75	+297	104	99	96	103	100	94	99	89	98	101	106	96	101													
CRV	NL 656814002	Delta Merbau	Balisto	Tempo	Gnat		90	+148	-32	539	94	+681	-0.08	+0.21	+0.01	+21	+44	+32	+234	-11	+38	81	+462	103	97	101	106	102	100	103	96	91	98	104	99	99													
CRV	NL 749656085	Delta Lion P	RF PO Kanu P	Emerald	Gnat		79	+148	-19	24	87	+1976	-1.01	-0.35	+0.05	-26	+31	+96	+101	+3	+8	70	+787	104	101	100	103	101	103	100	85	98	102	112	99	106													
ABS	US 71181872	Sandy-Valley Dreamweaver	Supersire	Altameteor	Int		85	+148	-1	28	91	+1204	-0.56	-0.22	-0.01	-5	+20	+54	+88	+22	-5	76	+501	106	105	105	100	105	99	88	98	103	111	96	104														
Alt	US 69990180	De-Su Altastacked	Observer	Ramos	Nat		86	+148	-13	75	91	+914	-0.37	-0.15	-0.07	+3	+17	+35	+87	+1	-1	83	+468	107	105	101	102	102	103	103	72	100	101	103	99	101													
Sem	US 71640112	L-L-M-Dairy President	Numero Uno	Million	Nat	2n	83	+148	+21	62	90	+929	-0.20	-0.26	-0.02	+20	+7	+40	+83	+12	+34	74	+575	103	105	101	100	104	104	105	86	99	94	108	96	101													
Alt	US 3125475831	Peak Alta firebird	Camaro	Roylane Socra R	Nat		80	+148	+2	145	86	+130	+0.24	-0.01	+0.08	+15	-5	+1	+11	+3	-16	67	+710	106	103	109	98	104	104	106	77	99	103	104	101	103													
Alt	US 3012559635	T-Gen-Ac Altasketch	Mccutchen	Altaiota	Nat		87	+147	+2	415	93	+1024	+0.27	-0.04	+0.09	+70	+32	+56	+295	+69	-16	78	+228	103	101	106	101	105	106	101	90	101	103	104	97	101													
Alt	US 3010354356	Tjr Altadisco	Tango	Mogul	Nat		78	+147	-11	148	86	+1828	-0.42	-0.22	+0.08	+33	+40	+92	+261	+48	-25	68	+234	101	98	96	98	104	103	106	82	104	105	112	102	107													
CRV	NL 695732882	Weinterper Fusion	Freeplay	Dynamo	Gnat	Gn	82	+147	+32	260	88	+431	+0.14	+0.10	+0.02	+31	+24	+22	+170	+25	-25	71	+505	101	102	97	102	106	107	106	90	101	103	105	102	104													
K&L	FR 5632667935	Jetset	Dooman	Ermes	Gnat		89	+147	-38	1125	93	+251	+0.01	+0.16	+0.05	+12	+23	+16	+124	-10	-23	81	+537	109	98	101	101	107	95	103	99	103	105	113	99	108													
CRV	NL 669713332	Slob Advisor	Atlantic	Mogul	Gnat	Gn	83	+147	-19	247	89	+376	-0.24	-0.10	+0.00	-6	+4	+17	+9	-63	-11	73	+312	107	101	107	102	103	101	109	91	99	103	109	108	109													
Sem	CA 107931158	Silverridge V Envious	Mccutchen	Snowman	Nat		87	+146	+2	262	93	+730	+0.07	-0.12	+0.10	+38	+14	+43	+150	+22	-22	77	+410	105	101	99	98	99	98	104	90	100	103	109	101	106													
Tot	US 70354883	Farnear-Tbr-Bh Cashmoney	CD Observer	Goldwyn	Nat		76	+146	+8	21	83	+471	-0.26	-0.09	+0.04	-4	+8	+25	+32	+7	+9	71	+416	107	107	104	107	100	100	103	79	98	101	107	98	102													
OBS	DE 0356230573	Modena	CD Mogul	Digger	Gint		81	+145	+15	24	86	+1350	-0.22	-0.16	+0.11	+35	+31	+73	+223	+30	+2	81	+296	103	96	106	105	102	107	101	83	100	104	112	102	108													
ABS	US 71618865	Seagull-Bay Mvp	Mogul	Planet	Nat	2n	92	+145	+11	1101	96	+186	+0.43	+0.15	+0.06	+47	+20	+14	+185	+20	+4	84	+305	99	102	101	102	108	105	102	94	101	104	109	104	108													
WWS	US 66451345	Ensenada Jeeves Paul	Jeeves	Shuttle	Nat		90	+145	+17	155	94	+148	-0.11	-0.08	+0.04	-4	-2	+10	+14	+23	+31	84	+657	105	109	98	95	105	101	102	89	100	98	101	102	101													
Bov	CA 107684488	Lactomont Launch Mogul	Mogul	Man-O-Man	Nat		80	+144	-13	75	88	+1401	-0.16	-0.12	+0.19	+43	+36	+83	+263	-6	+26	72	+259	99	101	102	99	102	104	98	82	98	101	109	99	104													
CRV	US 3126822845	Peak Amplify	De-Su Skyline 1	Mogul	Gint		79	+144	-12	65	86	+831	+0.09	+0.04	+0.08	+44	+33	+46	+242	-5	+19	66	+310	91	101	104	105	101	104	108	86	94	101	112	101	105													
CRV	US 3013023061	Edg Clown	Mogul	Lavaman	Gint		78	+144	-25	23	84	+302	+0.45	+0.13	+0.09	+54	+22	+22	+210	-18	+42	68	+347	98	103	101	105	100	103	99	83	91	100	106	101	101													
ABS	CA 11720553	Brabantdale Drake	Commander	Mccutchen	Nat		74	+144	-35	74	82	-323	+0.75	+0.35	+0.04	+50	+19	-11	+180	-34	+29	66	+235	103	102	105	101	107	103	100	80	96	98	110	98	103													
WWS	US 72436679	Edg Esther Estate 8132	Mogul	Bookem	Nat		78	+144	-5	64	84	+817	-0.12	-0.03	+0.09	+23	+26	+46	+169	+9	-8	76	+260	104	100	103	96	105	103	101	77	98	102	113	102	108													
Tot	NL 920962055	Vekis Dg Popeye	Balisto	Numero Uno	Gint		81	+144	+1	36	87	-173	+0.53	+0.24	+0.10	+39	+15	+1	+144	-3	-1	70	+552	105	103	100	98	106	102	98	85	100	100	113	95	104													
Sam	NL 866039170	Vvh Bookmaker	Bookem	Maik	Nat		79	+143	+30	119	86	+1776	-0.37	-0.19	-0.01	+36	+42	+80	+272	+72	-22	71	+564	104	94	100	96	101	94	101	80	104	104	102	102	104													
ABS	US 71592921	Lady's Manor Graf La-Bron	Grafetti	Super	Int		85	+143	+16	28	91	+1128	+0.13	-0.09	-0.01	+61	+30	+51	+266	+46	+20	76	+277	102	101	102	93	101	105	101	86	100	100	103	95	99													
Sem	CA 107931151	Silverridge V Xtreme	Supersire	Snowman	Nat		79	+143	-31	43	86	+1468	-0.37	-0																																			

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-/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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T						
Melkdoel Zwart										pnt	Productie										€	€	Functioneel										Exterieur									
Kam	NL 717343458	Elagaaster Salero	BY	Crocket	Mascol	Gnat	91	+137	+2	305	96	+1084	-0.56	-0.11	+0.10	-10	+27	+59	+107	+7	+11	86	+660	101	105	102	106	99	105	101	89	100	98	98	100	99						
Mas	NL 919137806	Vendairy Lendary		Let It Snow	Bookem	Gnat	85	+136	-13	106	90	+1273	-0.07	-0.01	+0.00	+47	+43	+58	+292	+3	-37	72	+385	101	97	101	96	103	100	98	88	104	104	106	101	106						
Sam	NL 933340101	Enforcer		Emerald	O Man	Nat	87	+136	-12	149	94	+691	+0.02	-0.03	-0.04	+31	+21	+28	+160	-3	-16	79	+261	103	102	103	103	100	96	107	81	103	103	96	103	101						
Adv	NL 968412961	Kruidikker Bitacora		Bookem	Man-O-Man	Gint	78	+136	+34	29	86	+670	-0.01	-0.03	+0.07	+27	+20	+37	+150	+21	-36	70	+423	106	101	104	100	102	91	100	82	101	104	105	100	104						
CRV	NL 734278627	Delta Titanium		Ramos	O Man	Gnat	98	+136	-7	14279	99	+467	+0.09	-0.08	-0.03	+28	+9	+19	+101	-2	+34	99	+139	102	105	108	101	103	105	102	99	104	104	105	102	106						
CRV	NL 871659217	Apina Nugget		Balisto	Levi	Gnat	89	+135	+3	448	94	+1428	-0.16	+0.10	+0.05	+44	+60	+70	+359	+26	+8	80	+355	102	97	99	106	99	103	97	95	99	99	99	95	96						
WWS	US 706402520	Seagull-Bay Platinum-Ets		Snowman	Planet	Nat	93	+135	+4	305	97	+1444	-0.17	-0.08	+0.03	+44	+42	+69	+285	-3	-28	86	+590	106	95	94	97	104	90	100	94	100	103	101	98	100						
CRV	NL 948106260	Newhouse Skyfall		G-Force	Goldwyn	Gnat	95	+135	-7	987	98	+698	+0.05	-0.20	-0.06	+34	+43	+26	+256	+12	+19	90	+112	95	103	96	106	95	97	105	97	104	103	100	105	104						
Sam	NL 966694187	Seto	RF PO	Jacey	Snowman	Nat	78	+135	+7	83	87	+1348	-0.29	-0.07	+0.06	+28	+40	+68	+243	-3	+1	68	+352	106	101	99	103	105	101	98	78	99	102	102	94	98						
Sem	CA 11603011	Boldi V Emphasis		Meridian	Man-O-Man	Nat	85	+135	+4	210	90	+1074	-0.03	-0.16	+0.08	+43	+22	+57	+198	+7	-22	73	+267	103	101	97	104	95	99	105	87	101	104	106	100	104						
Mas	DE 0356333357	Genestar		Genesis	Dorey	Gint	78	+135	-22	45	88	+1054	-0.51	-0.04	+0.01	-6	+33	+49	+137	-8	+10	67	+487	102	102	103	101	94	101	99	81	99	101	110	99	105						
GGI	IT 97990030448	Suran		Super	Mr Burns	Nat	83	+134	-19	30	86	+1637	-0.38	-0.17	-0.05	+30	+39	+69	+244	-2	-5	74	+466	103	99	98	97	101	100	98	80	99	100	105	98	101						
Tot	NL 871871316	Tw Suhstar		Supersire	Super	Nat	84	+134	+10	156	92	+1368	-0.09	-0.21	+0.08	+49	+26	+71	+231	+36	-11	73	+310	101	102	105	101	104	101	98	78	106	104	105	97	103						
CRV	DK 02371402711	Tirsvad Gula		Bube	Levi	Gnat	86	+134	-3	373	92	+1261	-0.33	-0.14	-0.07	+20	+30	+51	+180	-29	+53	77	+196	98	103	102	103	103	102	103	94	91	94	97	105	97						
Ves	NL 884054393	Holbra Inseme Rodanas		Dooman	Snowman	Nat	64	+134	+5	16	72	+502	+0.21	+0.03	+0.01	+41	+20	+24	+175	-14	-51	59	+413	108	99	99	97	102	93	99	70	100	102	111	99	106						
Tot	NL 761628082	Dg Alberio Blooper		Boss	Beacon	Nat	77	+134	-19	76	86	+258	+0.57	+0.36	-0.01	+38	+22	-13	+166	-9	+16	68	+203	102	101	107	100	102	101	101	77	96	98	105	102	102						
WWS	US 3010975121	Ocd Mccutchen Durango	RF	Mccutchen	Observer	Nat	2n	85	+133	-75	89	89	+1687	-0.46	-0.14	-0.04	+23	+44	+73	+251	-12	-3	79	+169	105	96	103	100	104	103	102	85	97	101	112	97	104					
Alt	CA 107931088	Lookout Pesce Altakado		Air-Osa-Exel Al	Man-O-Man	Nat	83	+133	-17	71	88	+1548	-0.47	-0.17	-0.05	+17	+36	+66	+203	-35	-20	77	+138	104	102	103	101	109	99	103	77	102	103	104	98	102						
Gex	US 71079044	Sully Hart Denim Mahuva		Denim	Planet	Int	87	+133	+0	31	92	+338	+0.34	+0.05	+0.00	+46	+16	+15	+167	+21	+1	78	+353	102	103	98	100	100	105	101	88	98	102	106	100	103						
Tot	NL 964580062	Dg Vekis Panther		Balisto	Numero Uno	Nat	77	+133	-3	70	85	+395	+0.57	+0.36	-0.06	+31	+17	-13	+131	-7	+48	69	+512	105	103	98	96	104	100	99	79	96	96	104	96	98						
Tot	NL 736800220	Dg Alberio Eldorado		Montross	Supersire	Nat	75	+132	+25	91	83	+1711	-0.19	-0.16	+0.02	+53	+43	+80	+312	+98	-6	66	+210	98	103	103	103	108	104	96	79	98	102	105	94	99						
Alt	US 55618778	Glen-D-Haven Altahotrod		Jerod	Altaiota	Nat	83	+132	+27	94	88	+1599	-0.24	-0.12	-0.04	+43	+43	+69	+287	+40	-29	69	+107	98	101	98	98	102	103	100	83	105	103	106	103	107						
WWS	US 3006972816	Mountfield Ssi Dey Mogul		Dorey	Marsh	Nat	97	+132	-22	1118	99	+980	-0.13	-0.13	+0.13	+54	+21	+58	+217	+14	+36	94	+261	97	99	107	101	107	110	99	99	99	103	113	101	108						
WWS	US 69502423	Kerndtway Kingpin		Mccutchen	Observer	Nat	82	+132	+4	70	89	+528	+0.09	-0.06	+0.06	+31	+13	+30	+127	+26	-49	73	+289	103	104	99	98	108	103	103	86	104	104	115	99	109						
OBS	DE 0538771582	Trend		Tribune	Mogul	Gint	75	+132	+19	27	82	+1213	-0.42	-0.31	+0.09	+9	+11	+64	+83	+13	-44	62	+445	102	105	101	97	102	105	102	77	103	103	112	101	108						
Toe	NL 757219601	Nieuwenhuizen Marc		Altaiota	Fibrax	Nat	91	+132	-9	319	96	+490	-0.16	-0.16	+0.14	+6	+2	+35	+31	+3	-19	83	+302	106	107	107	97	104	98	101	90	106	104	105	101	106						
CRV	NL 757315101	De Vrendt Martini P	RF PO	Sundance	Snowman	Gnat	85	+131	+26	117	92	+1051	-0.15	-0.13	+0.09	+30	+24	+57	+179	+51	-15	75	+502	103	97	102	93	102	99	106	92	97	104	102	101	101						
Tot	NL 920078554	Snowbiz Dg Capri		Supersire	Snowman	Gnat	82	+131	+16	96	90	+930	-0.06	-0.13	+0.02	+34	+20	+44	+167	-9	-20	73	+406	107	101	103	98	107	100	99	84	106	105	105	96	103						
WWS	US 3009554422	S-S-I Tape Overbay		Pine-Tree Brian	Man-O-Man	Nat	75	+131	-14	19	81	+537	+0.03	-0.05	+0.04	+26	+14	+28	+120	-13	+34	76	+433	107	99	102	107	101	103	101	76	91	98	108	98	100						
Sem	CA 107281711	Val-Bisson Doorman		Bookem	Shottle	Nat	94	+131	-12	616	98	+129	+0.17	+0.13	+0.01	+21	+16	+7	+112	-3	-46	89	+409	107	103	102	99	104	91	98	97	101	102	112	98	106						
Sem	CA 11696748	Stantons Entile	RF	Dymenthholm S	Man-O-Man	Nat	77	+131	-31	32	85	+1293	-0.55	-0.30	-0.03	-1	+15	+56	+76	-13	+15	67	+288	97	106	102	108	99	100	106	83	95	101	107	105	105						
GGI	UK 38838030021	Nugget	RF	Numero Uno	Destry	Gint	80	+131	-3	26	88	+414	+0.59	+0.09	+0.05	+32	-7	-15	+34	-9	+18	71	+416	106	107	102	101	102	105	105	84	90	96	109	93	97						
WWS	US 3004373270	Ronelee Gold Digger	CD	Goldwyn	Outside	Int	88	+131	-9	39	92	+658	-0.44	-0.18	+0.00	+14	+6	+30	+4	+1	+36	82	+257	109	104	113	112	96	100	105	86	94	96	108	95	99						
Alt	US 56350338	Sully Altamerci		Roylane Socra R	Planet	Nat	87	+130	-16	121	91	+1324	-0.10																													

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	Erft-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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T													
Melkdoel Zwart										Productie										€										Functioneel										Exterieur									
Ves	NL 932421854	Wegghorster Disclosure	Maik	Ramos	Nat		96	+125	+2	1163	99	+238	+0.10	-0.14	-0.05	+19	-4	+6	+25	+13	+10	91	+426	106	109	109	104	90	98	99	95	97	99	99	95	96													
Alt	US 69092847	Rosylane-Llc Altastewart	Super	Ramos	Nat		82	+125	+6	33	82	+185	-0.81	-0.33	-0.04	-31	+8	+58	+15	+3	+5	80	+423	108	106	106	104	96	98	103	86	94	100	103	99	99													
CRV	NL 721720843	Peelsehoeve Bernini	Atlantic	Snowman	Gnat		95	+124	-9	4790	97	+612	+0.26	+0.09	-0.11	+51	+30	+18	+236	+9	-21	88	-8	102	99	107	101	100	101	105	99	103	102	101	101	102													
Tot	DE 0357608923	Basta	Balisto	Epic	Gint		82	+124	-8	65	88	+827	-0.21	-0.04	+0.04	+15	+25	+42	+147	-13	-32	70	+506	104	99	102	101	101	102	100	86	99	103	109	100	105													
GGI	DE 0538431063	Basical	Balisto	Epic	Gint		80	+123	-44	31	85	+991	-0.10	-0.04	+0.03	+32	+31	+48	+209	-49	+23	69	+344	99	101	104	102	101	107	98	82	103	100	106	98	103													
Tot	NL 925868619	Broeks Modious	Mogul	Toystory	Nat		90	+122	+19	419	95	+1877	-0.32	-0.33	+0.11	+45	+30	+98	+247	+43	+16	81	+133	99	101	102	101	105	110	96	89	102	103	106	101	105													
AWE	US 3011816312	Co-Op Renegade	McCutchen	Atwood	Nat		80	+122	-7	44	82	+903	+0.18	-0.09	+0.02	+56	+23	+43	+225	+16	+31	68	-157	98	103	106	100	102	106	99	76	96	98	111	100	104													
Sem	US 71302825	Mr Lookout P Enforcer	Facebook	Shuttle	Nat	2n	77	+122	-13	20	83	+1115	-0.23	-0.04	+0.02	+24	+35	+53	+210	+0	-19	66	+208	99	106	99	101	102	102	79	99	102	105	96	101														
Sem	CA 11294745	Veldhuis Alpine	Snowman	Planet	Nat		84	+122	+1	44	88	+980	-0.05	-0.05	-0.08	+37	+29	+37	+208	+9	+76	80	+368	103	97	104	101	98	103	100	92	95	91	106	94	97													
WWS	US 3014334961	S-S-I Partyrock Profit	S-S-I Maurice P	Mogul	Nat		74	+122	+17	48	84	+260	+0.12	+0.12	+0.09	+22	+20	+20	+134	+27	+42	63	+409	102	102	102	102	106	104	99	81	95	98	110	96	101													
CRV	NL 680292023	Visstein K&I Promoter	Platinum	G-Force	Gnat		87	+122	-9	410	92	+740	-0.19	-0.04	+0.08	+13	+22	+41	+130	-3	-5	78	+473	105	102	101	102	105	95	95	98	100	105	100	102														
CRV	NL 739977109	Vds Metallic	Atlantic	Paramount	Gnat		95	+122	-4	766	98	+285	-0.45	-0.15	-0.02	-29	-4	+11	-74	-14	-2	91	+373	107	108	104	106	103	97	103	97	99	101	105	104	105													
CRV	NL 921226060	Vero Startrek	Snowfiever Cd	Planet	Gnat		96	+121	-29	8527	98	+755	-0.13	-0.09	-0.02	+20	+35	+33	+195	+0	-31	90	+207	100	102	95	103	97	90	103	99	104	102	108	102	107													
STG	US 3010365126	Mr Dds Mega-Watt-Et	Megasire	Alchemy	Nat		77	+121	-0	78	85	+1154	-0.32	-0.10	+0.14	+17	+30	+67	+179	+11	-33	67	+417	106	95	103	100	107	98	104	86	102	105	106	100	107													
Sem	CA 117921112	Ginary Dodge	Diamond	Numero Uno	Nat		82	+121	-15	136	88	+606	-0.05	-0.13	+0.08	+21	+9	+35	+92	+12	-20	69	+374	107	104	96	97	105	95	99	86	100	104	112	97	105													
CRV	NL 582468735	Delta Airline	Chicane	Snowman	Gnat		89	+121	+1	299	94	+1248	-0.47	-0.31	+0.23	+6	+12	+80	+86	+12	+26	79	+614	102	98	99	101	92	95	105	94	95	101	103	105	103													
CRV	NL 710731346	Delta Jilbo	Bube	Gravity	Gnat		88	+121	+4	443	93	+696	+0.80	+0.20	+0.01	+36	-8	-31	+34	+18	+36	78	+242	106	104	98	102	102	102	103	95	99	97	102	105	103													
WWS	US 70594754	Melarry Robust Miles	Roylane Socra R	Shot Al	Nat		80	+120	+4	31	82	+1338	+0.14	-0.08	+0.05	+71	+38	+66	+325	+31	+49	78	+150	95	96	104	94	97	101	103	77	97	98	102	99	99													
Gex	US 71451889	Co-Op Mogul Lawman	Mogul	Man-O-Man	Int		85	+120	-8	20	90	+731	+0.14	+0.12	+0.00	+44	+37	+33	+254	+9	+15	78	+76	99	98	103	102	105	105	99	86	96	102	109	102	105													
CRV	NL 878334760	A H Vitesse	Gravity	Jardin	Gnat		98	+120	-17	19049	99	+734	+0.17	+0.10	+0.02	+47	+35	+35	+253	+5	+7	97	-44	104	94	101	100	98	96	106	99	99	101	102	105	104													
Adv	NL 922039700	Holec Panzul Kilo Et	Kingboy	Mogul	Gnat	Gn	75	+120	+30	29	84	+1772	-0.34	-0.27	+0.09	+39	+33	+91	+245	+60	-76	67	+285	101	101	104	91	99	102	102	82	105	105	110	93	104													
CRV	NL 894608124	Willem's-Hoeve R Browning	Snowman	Ramos	Gnat		95	+120	-22	3132	98	+1186	-0.14	-0.21	+0.04	+36	+20	+58	+175	-7	-10	90	+142	105	97	104	99	101	98	104	99	106	104	108	101	107													
Mas	FR 1445852790	Bossanova	Bronco	Shuttle	Gnat		84	+120	-13	58	91	+871	-0.29	-0.10	+0.01	+9	+21	+41	+117	+18	-5	74	+481	104	102	99	101	104	95	103	82	99	102	103	98	101													
Dek	DE 0538431070	Jalisto	Balisto	Epic	Gnat		82	+119	+3	166	89	+376	+0.20	+0.22	+0.02	+34	+33	+19	+212	+5	-67	72	+354	99	101	104	101	105	102	86	104	103	104	100	104														
Alt	US 73953344	Bomaz Altaepo	Altaprimo	Roylane Socra R	Int		74	+119	+6	62	87	+309	+0.21	+0.19	+0.00	+32	+28	+14	+186	+32	-5	58	+192	100	106	101	97	104	103	65	99	101	103	96	99														
Alt	NL 543756297	Apina Altaembassy	Badger-Bluff Fa	Planet	Nat		92	+119	-5	320	97	+1557	-0.23	-0.40	+0.10	+42	+13	+82	+166	+5	-43	86	+226	101	104	104	102	105	104	102	91	104	107	103	99	103													
GGI	DE 1602887847	Borussia	Butch	Ramos	Gnat		88	+118	-2	131	93	+637	+0.34	+0.23	-0.12	+59	+44	+18	+310	+26	+29	75	+17	99	103	101	106	100	99	95	86	89	97	97	97	93													
Sem	CA 11761809	Silverridge V Elude	McCutchen	Snowman	Nat		90	+118	-29	321	94	+1466	-0.28	-0.26	+0.06	+33	+24	+73	+190	-23	+1	79	+228	99	99	103	104	102	105	104	92	98	101	108	101	104													
WWS	US 3127943686	S-S-I Istclass Flagship	Altalstclass	Supersire	Nat		77	+118	+1	51	82	+771	+0.13	-0.08	+0.10	+45	+19	+45	+186	+30	+12	65	+295	104	105	108	100	108	101	95	83	98	102	107	87	97													
Sem	US 3013129308	Lady's-Manor Octoberfest	Altaoak	Dorcy	Nat		80	+118	+13	33	81	+1461	-0.29	-0.31	+0.09	+32	+19	+76	+168	+28	-19	76	+396	105	102	103	98	99	98	94	79	100	102	107	96	102													
CRV	NL 663104097	Delta Jonas	Chevrolet	Niagra	Gnat		88	+118	-13	210	94	+305	+0.54	+0.25	-0.13	+33	+11	-3	+114	+17	-44	78	+285	104	100	105	95	103	104	103	92	104	106	103	105	106													
Dek	NL 871458481	Kossinkhoeve Joscha	Massey	Altaiota	Gnat	Gn	78	+118	-20	38	86	+492	+0.04	-0.05	+0.13	+25	+12	+35	+112	-52	-24	70	+227	103	105	105	104	103	99	101	84	97	103	102	100	101													
Mas	DE 0355988713	Mozarella	Mogul	Destry	Gint		80	+118	+13	25	86	-61	+0.31	+0.10	+0.11	+25	+7	+7	+83	+14	-12	71	+310	101	104	106	101	102	108																				

$$\begin{aligned} \text{NVImelkdoel} &= 0,4 \cdot \text{Inet} + 0,08 \cdot \text{Ivd} + 4,7 \cdot \text{UGH} + 6,3 \cdot \text{VRU} + 1,8 \cdot \text{Uier} + 3,6 \cdot \text{Beenwerk} + 1,8 \cdot \text{GEB} + 2,7 \cdot \text{KGH} + 0,23 \cdot \text{BVK} \\ \text{NVIdubbeldoel} &= 0,35 \cdot \text{Inet} + 0,09 \cdot \text{Ivd} + 5,2 \cdot \text{UGH} + 5,2 \cdot \text{VRU} + 5,2 \cdot \text{Uier} + 6 \cdot \text{Beenwerk} + 2 \cdot \text{GEB} + 5,2 \cdot \text{VLI} \end{aligned}$$

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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-I-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													
Al	Bull number	Bull name	Her- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&I	T													
Melkdoel Zwart										Productie										€										Functioneel										Exterieur									
Alt	US 3011611135	Bush-Bros Altastrafy-Et	Supersire	Badger-Bluff Fa	Nat		85	+95	-36	157	89	+1528	-0.26	-0.01	-0.01	+38	+52	+69	+314	-36	-7	73	+150	96	98	102	100	101	102	99	84	96	103	100	97	98													
Alt	US 69169948	Pine-Tree Altaskoda	Niagra	Leaf	Nat		88	+95	+12	224	95	+672	-0.28	-0.18	+0.08	+2	+6	+38	+40	+18	-7	79	+329	107	102	96	98	97	95	100	77	98	101	111	99	105													
GGI	DE 0356650078	Fergus	Fanatic	Snowman	Gint		79	+94	-12	29	86	+2257	-0.34	-0.26	+0.02	+58	+50	+105	+358	+16	+36	79	+167	96	92	101	103	101	103	100	82	100	101	104	97	101													
CRV	NL 543201038	Delta Enigma	Bertil	O Man	Gnat		97	+94	-7	3439	99	+581	+0.07	+0.11	+0.02	+31	+31	+28	+201	-3	-43	94	+65	100	103	102	95	101	104	101	99	105	104	98	102	102													
Tot	US 70476887	Butterview Playball	Altaiota	Planet	Nat		77	+94	+5	22	84	+1008	-0.24	-0.06	+0.09	+19	+29	+55	+175	+10	-29	71	+104	102	102	103	103	96	103	100	82	102	105	101	98	101													
Adv	NL 872917712	Barnkamper Marilyn Oklaho	Altaoak	Bookem	Gnat		80	+94	-28	54	88	+713	-0.07	-0.08	+0.04	+24	+17	+36	+131	-26	-23	71	+230	107	101	100	94	101	98	94	85	102	103	109	97	104													
CRV	NL 947608400	Batenburg G. Mandela	Maik	Fidelity	Gnat		92	+94	-5	919	96	+437	-0.06	+0.02	-0.05	+13	+17	+15	+102	+11	-52	84	+297	100	105	99	98	104	102	97	97	100	103	104	103														
SZO	IT 02099051435	Royal Jeeves Scolari	Jeeves	Goldwyn	Int		86	+94	+3	165	92	+303	-0.13	-0.01	-0.01	+25	+10	+13	+97	+70	+48	76	+271	105	102	100	97	105	101	99	85	96	95	106	94	98													
Ves	IT 03499046259	Spinal Prince Milito	Prince	O Man	Nat		85	+94	+10	221	90	+535	-0.07	-0.12	+0.10	+16	+7	+34	+73	+43	+10	77	+492	101	102	96	104	106	102	104	83	98	101	97	102	99													
Alt	US 72353499	Ri-Val-Re Salsa	Cashcoin	Ri-Val-Re Magu	Nat		65	+94	+58	19	75	-62	+0.19	-0.09	+0.11	+14	-10	+7	-10	####	+40	58	+248	105	108	100	101	101	103	-	70	96	98	107	95	100													
Alt	NL 522740642	Mars Altafixman	Fibrax	O Man	Int		81	+93	-11	40	90	+508	+0.24	+0.21	+0.00	+44	+37	+23	+251	-1	-3	77	+147	99	99	99	105	101	104	100	68	104	100	103	97	101													
Alt	NL 762041886	Schreur Altacasual P Rf	Supersire	Lawn Boy Red	Nat		83	+93	-15	136	90	+1244	-0.33	-0.19	+0.15	+19	+24	+72	+160	-26	+0	74	+400	103	102	103	95	105	102	95	86	102	103	106	91	99													
WWS	US 3004269577	B-Hiddenhills Plan 1023	Planet	O Man	Nat		86	+93	-3	39	90	+834	-0.41	-0.18	+0.07	-4	+12	+45	+54	-1	+5	80	+326	104	107	95	103	100	103	97	88	95	101	107	96	100													
Sam	NL 840511931	Uenk Mexi	Maik	O Man	Nat		82	+93	+13	103	90	+602	-0.45	-0.22	-0.10	-17	+0	+37	+25	+15	-17	74	+629	107	102	97	101	99	93	100	80	100	102	105	102	104													
Sem	CA 10847042	Marbri Facebook	Man-O-Man	Airmid	Int		90	+92	-7	55	94	+1037	+0.16	-0.06	+0.00	+60	+30	+47	+263	+3	+7	83	-34	96	106	92	101	100	100	100	92	94	99	101	95	96													
CRV	NL 538295350	Bouw Snowlever	Snowman	Goldwyn	Gnat		98	+92	-27	18310	99	+751	+0.15	+0.00	+0.08	+46	+26	+42	+216	+3	+22	99	+194	98	96	101	100	103	104	98	99	103	100	105	104	106													
Mas	US 142286285	Astonishing	Mountfield Msy	Bookem	Gint		77	+91	-26	32	86	+704	+0.16	+0.05	+0.05	+45	+29	+37	+225	-3	+48	67	+280	104	93	102	103	102	96	98	79	89	95	103	97	96													
Alt	US 3014335076	Mr Hue Heffner	Diamond	Epic	Nat		82	+91	+2	182	91	+67	+0.08	+0.23	+0.02	+10	+23	+5	+117	+15	-36	71	+483	103	104	98	101	107	98	98	82	99	104	107	92	100													
AWE	UK 7279424001	Wiltor Cruise	Altaiota	Planet	Nat		76	+91	+28	29	81	+555	-0.11	-0.08	+0.12	+13	+12	+37	+88	+4	-43	75	+135	102	104	100	101	99	99	103	71	101	104	105	101	104													
WWS	CA 11596146	Stantons Main Event	Mogul	Super	Nat		79	+90	-3	40	86	+316	-0.08	-0.20	+0.06	+6	-7	+20	-10	-3	-6	71	+402	101	105	102	100	104	105	99	83	98	103	111	101	106													
Alt	US 72421381	Ste-Pen Altawishin	Supersire	Altabaxter	Nat		82	+89	+31	146	88	+1697	-0.13	-0.06	+0.00	+58	+53	+78	+363	+46	+2	79	+184	97	91	104	100	105	100	99	67	100	102	103	97	100													
Gex	US 69774730	Minnigan-Hills Day	Super	Bolton	Nat		80	+89	-3	32	87	+1298	-0.34	-0.25	-0.01	+21	+20	+58	+144	+13	+35	74	+420	104	98	102	97	96	99	101	82	95	96	106	95	98													
CRV	NL 710409645	Bosgoed Legende	Legend	Jubland	Nat		97	+89	+3	2496	99	-75	+0.13	+0.28	+0.00	+8	+22	-3	+106	-3	+1	96	+5	100	107	99	104	95	99	104	99	98	98	88	104	95													
Sem	US 70358061	Sandy-Valley Saloon	Altaiota	Planet	Nat		87	+88	+22	166	93	+1632	-0.24	-0.14	-0.03	+44	+42	+71	+286	+24	-26	79	+187	95	103	102	96	100	105	99	87	99	105	105	97	102													
Kam	NL 639677471	T Brook No Claim	Twist	Jorryn	Gnat		84	+88	-37	158	91	-3	+0.50	+0.18	+0.05	+44	+16	+4	+159	-24	-5	76	+244	96	99	104	99	106	102	105	88	104	102	98	104	103													
Alt	US 3010086674	Kp-Aek Altamurdock	Mogul	Altameteor	Nat		84	+88	+6	85	88	+554	-0.24	-0.27	+0.10	+1	+6	+35	-12	+17	+9	71	+251	106	102	105	99	103	105	99	76	95	103	111	101	105													
AWE	US 3011816338	Co-Op Avenger	Supersire	Super	Int		83	+88	-5	28	89	-197	+0.10	-0.12	+0.01	+0	-17	-8	-72	-29	-64	75	+491	108	109	104	101	105	101	99	85	100	108	107	94	102													
Sam	NL 947608424	Batenburg Geronimo	Maik	Fidelity	Nat		90	+87	+11	624	95	+1593	-0.28	-0.17	-0.09	+38	+38	+63	+255	+58	+1	82	+261	96	98	94	93	103	103	97	93	99	101	100	104	102													
GGI	DE 0769582276	Snowboard	Snowman	Gibor	Gnat		84	+87	+0	51	90	+983	-0.16	-0.11	-0.05	+57	+23	+40	+226	+16	-3	75	+109	103	99	96	98	96	98	99	85	103	102	101	97	100													
Kam	NL 612994980	Het Meer Sunny Dream	Sundance	Atwood	Gnat		86	+87	-29	312	92	+6	+0.46	+0.25	-0.05	+41	+22	-4	+175	-8	-46	78	+458	104	92	98	95	100	100	103	91	97	103	106	102	104													
Ves	IT 09899013177	Sabbiona Goldfarm	Goldwyn	Storm	Nat		97	+87	-16	2543	99	-93	+0.35	+0.04	-0.11	+27	+0	-14	+53	+5	+16	95	+24	107	99	104	104	101	99	97	99	103	102	109	105	109													
CRV	US 70803531	Appealing H Copernicus	Shema Jeeves Ca	Dolce	Gint		77	+87	+0	18	84	+1399	-0.82	-0.47	+0.03	-25	+1	+67	-28	+16	-4	67	+578	105	105	102	98	106	98	98	79	105	104	106	97	104													
Dek	US 63026939	Co-Op Bosside Massey	Mascol	Bret	Nat		96	+86	-14	797	99	+539	-0.12	-0.02	+0.03	+12	+17	+27	+103	+1	+20	93	+426	106	99	103	100	105	103																				

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-I 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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart																																						
Tot	CA 11696699	Stantons Capital Gain	Mccutchen	Observer	Nat		86	+78	-25	162	91	+1799	-0.27	-0.40	+0.11	+48	+20	+94	+211	-2	+28	74	+72	103	97	99	97	104	98	99	86	98	99	105	95	99		
Alt	US 72013226	Syrzekus Altairbich	Altaoak	Bookem	Int		76	+78	+12	18	87	+230	+0.13	-0.09	-0.01	+22	+0	+10	+49	+2	-3	63	+167	104	107	99	90		98	93	74	98	102	104	99	101		
Kam	NL 866755670	Kik Emotion	Impression	Jeeves	Gnat		83	+78	-33	123	90	+590	-0.12	-0.23	+0.04	+14	-1	+31	+35	-13	+33	74	+591	102	99	101	96	105	99	101	86	98	102	103	99	101		
Tot	DK 0300100175	Hood M-O-M Emmet	Man-O-Man	Allabaxter	Gnat		97	+78	-19	1804	99	-1	-0.15	+0.03	+0.08	-13	+3	+7	-13	-12	-12	95	+480	100	105	99	103	106	102	104	98	102	99	106	99	103		
Gex	US 70372014	Sully Hartford Swmn Myth	Snowman	Planet	Int		87	+77	-19	74	92	+2279	-0.82	-0.34	+0.00	+6	+42	+104	+216	-17	+30	80	+218	97	96	103	100	101	105	100	88	99	99	104	98	101		
Alt	US 71588470	Bomaz Altafinegold	Rmw Armitage	Brigreen Russell	Int		77	+77	-8	33	90	+913	+0.07	-0.16	-0.01	+46	+16	+41	+175	+0	+38	60	+144	98	102	104	95		102	103	31	95	99	105	95	98		
Sem	CA 11538453	Benner Slade	Dooman	Snowman	Nat		82	+77	-34	135	87	+866	-0.13	-0.07	+0.03	+24	+23	+42	+157	-44	-52	71	+180	106	98	100	98	102	94	98	83	103	105	111	95	105		
Tot	NL 920911677	Willem's-Hoeve W H Baily Ch	Mccutchen	Atwood	Gint		77	+77	-19	20	85	+324	+0.32	-0.08	+0.06	+43	+4	+20	+113	+18	-20	69	+113	100	99	101	97	104	105	101	82	99	103	116	100	109		
OBS	DE 0355600702	Movie	Mogul	Snowman	Gnat		82	+77	-24	47	89	+659	-0.03	-0.12	+0.02	+25	+12	+32	+111	+7	+7	71	+212	99	97	101	98	103	110	102	82	104	104	113	102	110		
CRV	NL 933138335	Jhs Snowrush	Snowman	Shottle	Gnat		98	+77	-6	2563	99	+1479	-0.55	-0.32	+0.04	+6	+18	+72	+108	+3	+2	96	+192	104	102	93	95	100	97	103	99	96	100	103	96	98		
GGI	FR 2934544535	Disanto Et	Dooman	Dempsey	Gint		77	+77	+15	22	84	-373	+0.69	+0.18	+0.01	+43	+2	-16	+94	+21	-79	67	+181	108	99	99	100	101	95	99	82	101	101	115	97	107		
Tot	CA 9608054	Boldi V S G Anton	Epic	Man-O-Man	Nat		78	+77	-8	24	86	+896	-0.30	-0.18	+0.07	+9	+14	+48	+91	+14	-44	72	+344	99	103	101	104	104	106	100	81	101	105	110	97	105		
Sem	CA 11438396	Silverridge Album	Epic	Man-O-Man	Nat		88	+77	-20	130	93	+380	-0.15	+0.02	+0.13	+2	+15	+29	+74	-17	-14	78	+167	104	102	107	105	100	97	100	88	100	103	104	96	100		
K&L	FR 6413261080	Hendrix	Levi	Shottle	Gint	2n	79	+77	+12	25	87	+862	-0.43	-0.19	-0.06	-5	+12	+34	+49	+7	-25	71	+254	103	102	100	103	101	101	104	84	96	102	107	98	102		
ABS	US 61980877	Copperton Doberman	Shottle	Granger	Nat		98	+76	-10	3661	99	+576	+0.06	+0.02	+0.26	+30	+22	+51	+169	-7	+66	97	+171	104	97	100	101	104	96	101	99	94	93	101	93	94		
GGI	DE 0356552537	Faun	Fanatic	Mascol	Gint		81	+76	-37	96	87	-91	-0.05	-0.03	-0.02	-8	-6	-6	-43	-101	+20	70	+265	102	103	107	101	100	106	103	85	103	102	106	102	105		
CRV	BE 110963815	Lowlands El Salvador	Stemgold	Ramos	Gnat		98	+76	-14	2134	99	+684	+0.32	+0.14	+0.09	-3	-12	-24	-63	-19	-28	95	+134	104	109	102	98	100	104	100	99	97	102	104	103	103		
Gex	US 69990052	De-Su Freddie Galaxy	Badger-Bluff Fa	Planet	Nat		91	+75	-1	290	96	+723	-0.07	-0.07	+0.02	+24	+18	+35	+135	+12	-28	85	+87	101	98	104	98	106	98	99	94	100	106	107	103	106		
Sem	US 72860352	View-Home Utah	Dooman	Roylane Socra R	Nat		85	+75	-36	196	90	+701	-0.35	-0.08	+0.03	-4	+17	+35	+72	-35	+10	73	+376	100	102	103	103	103	100	101	87	99	100	104	96	100		
CRV	NL 474825497	Delta Persuader	Mascol	Dustin	Gnat		98	+75	-17	16724	99	+41	-0.27	-0.02	+0.02	-22	+0	+4	-45	-3	+45	99	+133	105	105	103	98	94	96	99	99	99	98	94	107	100		
CRV	NL 549685151	Koepon Stimulans	Sundance	Snowman	Gnat		86	+74	-14	337	92	+1092	+0.03	-0.17	-0.02	+49	+21	+48	+203	+26	-37	77	+279	100	98	100	99	104	104	101	94	104	106	98	98	100		
Adv	NL 947618726	Barnkamper Marilyn Doula	Dooman	Dempsey	Gnat		86	+74	-22	250	93	+823	-0.36	-0.06	+0.05	+0	+23	+42	+107	-7	-25	75	+224	103	101	93	95	103	99	97	91	103	103	115	98	108		
WWS	US 3012130463	S-S-I Platinum Flattop	Platinum	Mogul	Nat		83	+74	+5	118	90	+267	+0.05	+0.01	+0.06	+16	+10	+18	+80	+4	-1	72	+503	105	101	100	98	105	94	97	89	95	102	107	91	98		
GGI	NL 867560215	Rieten Eragon	Epic	Bogart	Gint		80	+74	+6	27	88	+1038	-0.36	-0.27	+0.07	+8	+9	+54	+70	+16	-52	72	+316	102	104	100	100	100	102	102	82	102	104	106	95	102		
Alt	US 62959880	Beyercrest Altareliant	Ramos	Mito	Nat		98	+74	-3	3776	99	+228	+0.23	+0.06	-0.02	+10	-3	-12	-5	-72	+36	97	+131	104	106	105	98	98	98	98	102	99	93	94	98	96	94	
CRV	NL 949247382	Flevo Genetics Whatsapp	Supersire	Super	Gnat		93	+74	-8	501	97	+1001	+0.36	+0.15	-0.02	-14	-23	-47	-138	-11	-7	85	+427	103	109	105	109	107	102	105	97	93	99	110	96	101		
Sam	NL 330874052	Skalsumer Jorryn	Jocko	Celsius	Nat		98	+73	-1	6641	99	+732	-0.19	+0.02	-0.10	+13	+27	+24	+145	+1	+62	99	+72	91	102	103	103	107	101	105	99	95	94	95	104	97		
Tot	US 57187887	Larcrest Catapult	Numero Uno	Ramos	Nat		76	+73	-16	45	85	+194	+0.36	-0.10	+0.01	+41	-2	+10	+81	+1	-35	69	+156	104	104	101	97	104	101	101	67	103	104	107	93	102		
GGI	DE 0350451061	Short Cut	Shottle	T Lambada	Nat		89	+73	-4	141	92	+809	-0.22	-0.23	+0.01	+13	+6	+38	+63	-6	-31	82	+269	100	102	104	99	106	100	101	92	105	103	102	102	104		
Sam	NL 384379291	Ponsstar Shogun	O Man	Jesther	Nat		98	+73	-9	9893	99	+601	-0.26	-0.15	+0.09	+1	+7	+36	+42	-1	-31	99	+533	107	103	98	106	105	97	101	99	104	103	95	94	96		
WWS	US 72190767	Plain-Knoll Donna Bayonet	Donatello	Shamrock	Nat		79	+72	+3	39	82	+1017	-0.30	-0.17	+0.10	+14	+19	+56	+124	+32	+36	74	+430	97	101	89	99	104	106	104	76	99	100	104	97	100		
Sem	CA 11278908	JK Eder-I Control	Snowman	Bolton	Nat		92	+72	-4	772	97	+981	-0.33	-0.15	-0.03	+9	+19	+42	+109	-6	-39	86	+347	103	97	102	93	101	95	100	94	104	104	108	99	106		
ABS	US 55642061	Schillivue Jeeves Geldon	Jeeves	Boliver	Nat		92	+72	-9	436	97	+31	-0.15	-0.15	+0.06	-12	-12	+7	-72	-37	-23	87	+478	104	107	103	97	101	93	98	91	101	98	99	99	99		
K&L	SE 0106527083	Vh Ersmark Sterngold Sprite	Stemgold	Rakuuna	Gnat		87	+72	-0	40	90	+237	-0.10	-0.04	+0.09	-19	-12	-3	-90	-8	-16	82	+308	105	105	102	105	101	102	102	85	91	95	105	104	101		

NVI melkdoel = $0,4 \cdot \text{Inet} + 0,08 \cdot \text{Ivd} + 4,7 \cdot \text{UGH} + 6,3 \cdot \text{VRU} + 1,8 \cdot \text{Uier} + 3,6 \cdot \text{Beenwerk} + 1,8 \cdot \text{GEB} + 2,7 \cdot \text{KGH} + 0,23 \cdot \text{BVK}$
 NVI dubbeldoel = $0,35 \cdot \text{Inet} + 0,09 \cdot \text{Ivd} + 5,2 \cdot \text{UGH} + 5,2 \cdot \text{VRU} + 5,2 \cdot \text{Uier} + 6 \cdot \text{Beenwerk} + 2 \cdot \text{GEB} + 5,2 \cdot \text{VLI}$

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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-/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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T				
Productie																				Functioneel										Exterieur									
Ves	IT 01999077363	Royal Idevra Mulligan	Planet	O Man	Nat		86	+50	-4	300	91	+94	-0.21	-0.13	+0.04	-15	-8	+8	-62	-36	-7	77	+370	105	105	103	99	104	102	99	85	98	103	100	97	98			
Alt	US 70197812	Brandt-View Altaois	Observer	Active	Int		85	+50	-1	33	92	-116	-0.14	-0.16	+0.00	-17	-18	-3	-111	-77	-27	67	-29	105	110	104	109	93	98	97	83	93	97	105	99	100			
WWS	US 140145553	Mr Chassity Gold Chip	Goldwyn	Shottle	Nat		96	+50	-7	652	99	+285	-0.26	-0.40	-0.04	-12	-27	+9	-133	-3	-17	94	+404	107	99	107	102	106	99	101	98	102	103	114	102	110			
Vek	NL 880207746	Vekis Dvh Preston	Mardi Gras	Maxim	Nat		81	+48	-2	289	88	+177	+0.04	-0.09	+0.20	+11	-2	+26	+23	+2	+12	71	+76	101	103	92	100	104	105	101	85	103	102	110	100	107			
Sem	US 139986224	O-Bee Kruisader	Planet	Shottle	Nat		94	+47	-16	940	98	+676	-0.43	-0.17	-0.01	-12	+7	+30	+13	-16	-28	90	+558	100	98	92	101	98	102	104	95	103	105	105	103	106			
Sam	NL 762070183	Big Clyde	Big Winner	Jorjyn	Nat		90	+47	-41	590	95	-1078	+0.60	+0.23	-0.20	+1	-20	-65	-99	-19	-5	82	+169	99	105	105	98	101	94	107	91	95	100	99	106	101			
AWE	NL 882493602	Dastin	Danillo	Planet	Gnat		88	+46	-9	93	92	+420	-0.14	-0.03	-0.03	+5	+12	+16	+65	-14	-13	76	+47	98	101	104	101	98	102	101	86	103	103	101	103	103			
CRV	NL 523913904	Newhouse Banker	Goldwyn	Mascol	Gnat		98	+46	-30	6504	99	-76	-0.03	-0.02	-0.02	-6	-4	-3	-31	-2	-20	99	-72	104	103	99	105	95	94	102	99	101	103	104	100	103			
CRV	NL 526186059	Delta Emerald	Goldwyn	O Man	Gnat		98	+45	-5	7896	99	+425	-0.23	+0.00	+0.04	-3	+15	+23	+62	-4	+39	99	-48	104	101	104	103	100	102	101	99	103	104	105	92	100			
CRV	NL 582559945	Delta Cupido	Wonder	Paramount	Gnat		98	+45	-11	5099	99	-137	-0.35	-0.08	+0.09	-36	-12	+2	-124	-6	+13	96	+386	107	105	102	97	105	96	96	99	99	100	106	98	102			
Alt	US 69169951	Pine-Tree Altaoak	Niagra	Leif	Nat		96	+44	-19	1112	99	+1246	-0.29	-0.23	+0.16	+24	+20	+73	+154	-73	-10	92	+99	103	99	99	96	100	102	92	96	99	103	106	95	101			
WWS	US 668060610	Rich-Banks He-Man	Man-O-Man	Goldwyn	Int		88	+44	-0	72	93	+957	-0.47	-0.08	-0.01	-5	+25	+43	+105	-14	-6	80	+48	102	100	98	102	103	104	103	86	98	101	106	93	99			
CRV	NL 921223883	Vero Crown	Sudan	Goli	Gnat	2n	97	+44	-11	2295	99	+161	+0.55	-0.13	+0.05	+56	-6	+12	+97	-26	+1	94	-157	104	97	100	102	107	106	104	99	100	102	102	101	102			
ABS	US 137804641	Cordis-Maid Stonewall	Shottle	Durham	Nat		98	+44	-7	9310	99	-256	+0.04	+0.05	-0.12	-7	-5	-1	-36	+0	-30	99	-19	102	108	103	99	105	92	98	99	101	104	102	100	102			
Sem	CA 11294722	Velthuis Let It Snow	Snowman	Planet	Nat		91	+43	-3	233	96	+1274	-0.30	-0.07	+0.10	+24	+37	+68	+223	+23	-14	85	+235	98	94	91	93	97	106	96	93	105	105	111	98	107			
CRV	NL 524213982	Newhouse Gofast	Goldwyn	O Man	Gnat		98	+43	-12	13440	99	+65	-0.13	-0.07	-0.06	-9	-4	-2	-36	+1	-15	99	+229	99	108	94	105	96	102	107	99	100	103	108	93	101			
Mas	DE 0354812817	Fanatic	Badger-Bluff Fa	Planet	Gnat		97	+41	-35	2255	99	-157	+0.38	+0.12	+0.09	+26	+5	+1	+75	-6	-3	94	+75	94	104	106	100	104	108	100	99	105	105	103	98	103			
CRV	NL 431822727	Delta Malaga	Jordan	Jocko	Gnat		98	+41	-11	3180	99	+994	-0.51	-0.17	-0.04	-8	+18	+41	+69	-4	+94	99	+634	97	95	103	105	102	102	97	99	97	94	100	97	97			
CRV	NL 342544408	Dudam Surprise	Dustin	Luxemburg	Gnat		99	+41	-4	39266	99	-108	+0.05	+0.09	+0.08	+0	+4	+2	+17	-3	+59	99	+201	102	101	98	104	98	98	106	99	93	95	95	96	92			
Sam	NL 712321327	Wegghorster Ashburton	Maik	Garnison	Nat		93	+40	-16	379	98	+632	-0.16	-0.12	-0.05	-12	+11	+24	+78	-8	+3	88	+45	92	102	103	97	99	102	99	91	96	101	103	106	104			
CRV	NL 696227132	Delta Bonaparte	Bonanza	Shottle	Gnat		93	+38	-53	960	97	-90	+0.32	+0.20	-0.17	+24	+14	-19	+102	-61	-64	88	-129	102	96	99	94	98	95	104	96	102	105	106	105	107			
Sam	UK 1601937034	Cogent Twist	Shottle	Major	Nat		98	+38	-14	9929	99	-112	+0.47	+0.06	-0.04	+36	+1	-9	+77	-8	-34	99	+40	95	103	106	94	108	102	102	99	107	105	96	102	102			
Dek	FR 4241164615	Billard	Mascol	Lancelot	Nat		95	+37	-4	1027	99	+353	-0.24	-0.18	+0.15	-7	+29	+30	+113	+10	+36	93	+259	98	98	103	103	97	102	101	94	102	97	95	96	95			
ABS	US 52805710	Schillview Garrett	O Man	Mito	Nat		97	+37	-4	1501	99	+872	-0.26	-0.22	+0.09	+12	+9	+49	+77	+1	+6	96	-65	100	104	105	102	98	94	99	99	104	98	95	97				
Sam	NL 415877174	Timmer Climax	O Man	Novalis	Nat		98	+37	-11	10446	99	-297	+0.29	+0.06	+0.05	+12	-5	-9	+2	-3	+54	99	+109	106	102	101	107	101	101	101	99	91	95	97	93	91			
CRV	NL 393344640	Blarinckhorst Romeo	Ramos	Sabre	Gnat		98	+37	-13	5374	99	-961	+0.28	+0.16	-0.12	-19	-21	-53	-142	-4	+11	99	+401	102	103	101	102	105	104	106	99	94	93	99	104	99			
ABS	US 69208617	Touchdown Fred Franchise	Badger-Bluff Fa	Shottle	Nat		88	+36	-3	152	92	+667	-0.11	-0.19	+0.02	+18	+5	+32	+68	+5	-1	82	+52	102	99	102	100	102	104	98	87	100	102	104	99	102			
ABS	US 57187010	Larcrest Conquest	Gerard	Ramos	Int		87	+36	+22	169	92	+689	-0.19	-0.19	+0.00	+11	+6	+31	+57	+16	-68	79	+149	103	101	101	100	92	96	102	89	103	105	108	93	102			
CRV	NL 466101738	Slotboom's Pilot	Mascol	Jocko	Gnat		98	+36	-18	15124	99	-8	-0.05	-0.01	-0.04	-5	-1	-4	-16	+3	-23	99	+296	101	101	101	101	95	103	99	99	104	101	100	104	103			
CRV	NL 499946960	Blom Farm Award	Ramos	O Man	Gnat		98	+36	-7	1957	99	+35	-0.19	-0.10	+0.06	-15	-8	+7	-62	+1	-25	97	+370	106	103	100	104	99	101	103	99	102	107	104	93	100			
Kam	NL 532355881	Gansey's Leonidas	Goldwyn	Kian	Gnat		97	+35	-12	3269	99	+102	-0.03	+0.09	-0.05	+2	+12	+0	+53	+3	+5	95	+45	102	98	99	98	91	98	96	99	98	100	101	102	106			
CRV	NL 531923928	Diepenhoek Rozello	Sunnise	Shottle	Gnat		98	+34	-8	6942	99	+843	-0.40	-0.01	+0.01	-3	+28	+39	+120	-4	-50	97	-118	103	102	103	103	103	100	98	99	103	103	107	91	100			
Sam	NL 926622612	Wegghorster Undercover	Emerald	Prince	Nat		81	+32	-22	137	88	-189	+1.05	+0.23	-0.13	+83	+13	-20	+222	+17	-8	73	-203	99	98	100	99	105	102	94	82	104	102	95	101	99			
CRV	NL 496293313	Delta Ammo	Goldwyn	Win 395	Gnat		98	+31	-11	3181	99	+647	-0.16	-0.14	-0.01	-12	+9	+29	+71	+3	+19	97	+132	100	98	104	105	96	99	100	99	95	100	102	97	98			
Kam	NL 898053614	Heidsinkster Snowflake	Snowman	Goldwyn	Gnat																																		

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

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Ki	Stiernummer	Stiernaam	Erf-I-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			
Al	Bull number	Bull name	Her- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart										Productie										Functioneel										Exterieur									
Alt	US 71441918	Zahbulls Alta1stclass	Numero Uno	Dorcy	Nat	86	+17	-1	139	93	-300	+0.42	-0.03	+0.14	+23	-13	-2	-6	-26	+24	77	+61	101	105	100	98	109	106	92	90	98	99	117	90	103				
WWS	US 3009554569	S-S-I Mogul Defender		Mogul	Man-O-Man	Nat	92	+16	-20	326	97	-195	+0.10	-0.05	+0.16	+0	-11	+5	-44	-31	-14	84	+107	99	101	102	101	104	110	98	94	98	103	116	100	108			
CRV	US 3000540481	Cookiecutter Mom Hunter		Man-O-Man	Shottle	Gnat	98	+15	-19	2419	99	+586	-0.12	-0.03	+0.10	+14	+18	+36	+114	-4	-48	97	-116	96	102	100	100	107	104	100	99	102	105	102	98	101			
Gex	US 138851507	Wa-Del Surefire		Ramos	O Man	Nat	96	+15	-18	1421	99	+978	-0.48	-0.25	-0.07	-6	+9	+38	+36	+7	-28	92	-130	103	99	102	97	103	101	101	97	101	104	104	99	102			
Kam	NL 878742754	Mars Bodyguard	RF	Jerudo	Shottle	Gnat	95	+15	-12	791	98	-96	-0.01	+0.10	+0.02	-5	+5	-3	+9	+12	+29	91	+86	104	98	100	97	105	102	101	94	95	97	100	97	96			
CRV	NL 227347061	Hidden Future		Ronald	Celsius	Gnat	98	+15	-16	21368	99	-397	+0.12	+0.08	+0.04	-7	-7	-15	-48	-3	+31	99	-41	106	101	102	98	89	93	99	99	93	94	93	102	94			
Dek	FR 5630405030	Cypripede		Bolton	Shottle	Nat	94	+14	+16	945	98	+269	+0.06	+0.04	+0.07	+17	+13	+19	+95	+27	+8	89	+1	102	95	95	92	107	99	100	95	100	100	105	99	102			
Sam	NL 738916954	Farmers Wish Batenburg Lar		Lonar	O Man	Nat	94	+14	-12	544	98	+838	-0.19	-0.21	-0.02	+17	+9	+36	+83	-12	+36	90	+209	95	103	97	102	96	108	100	91	95	98	93	94	91			
K&L	DK 0000002532	Vh Strong		Stol Joc	O Man	Nat	96	+14	-5	2027	99	-291	+0.09	+0.24	+0.04	+5	+10	+10	+28	-16	-37	91	+156	104	99	100	101	106	99	101	99	107	101	97	97	99			
Ves	IT 02099012373	All Ven Torrer		O Man	Boss Iron	Nat	97	+14	+0	2447	99	-301	+0.01	+0.11	+0.00	-12	-1	-14	-34	-6	-76	97	+514	104	100	103	102	90	100	104	99	105	105	97	93	97			
Ves	IT 02499027423	Campogallo Zamagni		Super	Active	Nat	86	+13	-3	394	90	+499	-0.06	-0.05	+0.02	+16	+13	+25	+94	+44	-10	76	+42	100	95	105	99	96	105	102	89	102	99	109	93	102			
Kam	NL 429759583	Big Winner		Win 395	Lucky Leo	Gnat	98	+13	-23	27307	99	-481	+0.39	+0.18	-0.23	+12	-2	-41	+5	+3	+26	99	+302	94	103	97	99	99	101	101	99	95	97	98	99	96			
CRV	NL 294753949	Delta Linfield		Addison	Branco	Gnat	99	+12	-14	15844	99	-78	+0.01	+0.13	-2	-2	+8	-10	-7	+62	99	-161	100	100	104	98	94	101	102	99	99	103	102	95	103	100			
Sam	NL 716258151	Farmers Wish Laarvalle Nov		Norvin	Boulders Abald	Nat	84	+11	+18	183	92	-567	+0.48	+0.17	+0.08	+16	-6	-19	+3	+40	+33	75	-31	102	100	106	101	102	99	103	74	100	99	97	95	96			
Sem	NL 970163778	Braedale Goldwyn	CD	James	Storm	Nat	98	+10	-6	2650	99	-175	+0.17	-0.01	-0.02	+7	-7	-10	-17	-3	+7	99	-128	104	101	102	101	96	102	98	99	96	99	109	96	101			
NL	359508334	Brooks Plarald		Emerald	Planet	Nat	92	+9	-22	298	97	+138	+0.55	+0.02	-0.11	+55	+7	-4	+14	-13	-45	86	-107	99	92	101	94	103	102	103	91	103	105	103	103	105			
CRI	NL 970170196	Welcome Oman Palmer Cri-Et		O Man	Aaron	Nat	98	+9	-9	2761	99	+335	-0.18	+0.08	-0.03	-2	+19	+13	+73	-3	-7	97	-23	99	101	93	103	93	98	99	99	97	103	101	98	99			
Kam	NL 549852661	Heuvel Sana		Maik	Cello	Gnat	95	+9	-14	712	98	-266	+0.18	+0.06	-0.04	+4	-16	-13	-9	-2	-90	+189	99	101	97	98	99	96	98	94	93	99	107	99	101				
CRV	NL 970171942	Ralma O-Man Cf Cricket-Et	BY	O Man	Durham	Gnat	98	+9	-1	39236	99	+152	-0.37	-0.08	+0.07	-27	-2	+13	-61	-5	-98	99	+16	105	106	99	106	102	101	97	99	105	103	102	100	103			
Ves	FR 4952815479	O-Man End-Story		O Man	Jocko	Gnat	97	+7	-10	1632	99	+1043	-0.28	-0.14	-0.01	+17	+22	+47	+140	-1	-28	96	-145	97	101	100	96	101	98	102	99	102	103	98	93	96			
CRV	NL 525056357	Ludiek Bluejay		Bertil	O Man	Gnat	98	+7	-11	4388	99	+297	+0.04	+0.15	-0.06	+16	+24	+8	+134	-1	-2	99	-80	106	94	97	95	98	105	98	99	96	98	103	93	96			
Sem	CA 9908842	Bluenose Risingstar		Stol Joc	Shottle	Int	88	+7	-10	121	93	+792	-0.34	-0.07	+0.00	+1	+21	+36	+99	+7	-5	80	+149	103	93	103	97	100	97	95	88	102	101	103	97	101			
CRV	BE 119784595	Delta Brilliant	CD	Goldwyn	O Man	Gnat	98	+6	-12	6047	99	+610	+0.04	-0.08	-0.01	+30	+14	+27	+129	+1	+3	97	-144	96	96	98	99	101	105	104	99	102	104	105	98	103			
CRV	NL 970118312	Art-Acres Win 395		Winchester	Star Patron	Gnat	98	+6	-10	12469	99	+189	-0.33	-0.25	-0.20	+17	+16	+34	+112	-3	-23	99	-76	91	101	104	104	103	99	99	99	97	101	92	105	98			
ABS	US 135778023	Gran J Oman McCormick		O Man	Durham	Nat	98	+6	-1	7932	99	-1022	+0.62	+0.16	+0.02	+3	-23	-45	-97	+3	+25	99	-24	99	110	99	107	102	102	101	99	93	95	102	94	95			
CRV	NL 372317917	Delta Barclay		Lord Bailey	Webster	Gnat	98	+5	+0	1688	99	+87	+0.12	+0.02	+0.01	+14	+5	+5	+51	-6	+61	97	-162	102	97	104	103	98	95	96	99	96	94	96	101	96			
Alt	NL 276999486	Barnkamper Cassanova		Addison	Labelle	Nat	97	+5	-14	1684	99	+143	-0.12	+0.08	+0.05	+5	+12	+11	+42	-10	+23	97	+0	98	102	102	101	98	99	106	97	98	96	92	93	91			
Kam	UK 2614376017	Wintersdell Stellation		Shottle	O Man	Gnat	93	+4	-9	327	97	+467	+0.00	-0.15	+0.07	+20	+2	+28	+59	-7	-30	89	-39	98	101	98	102	102	98	103	90	103	103	98	98	99			
Sam	NL 641090301	Grashoek Moneymaker	RF	Maik	Albionix	Nat	91	+3	-19	385	97	+200	+0.20	+0.02	-0.02	+27	+9	+7	+96	+10	+12	84	-49	94	102	95	98	101	95	99	89	95	100	98	99	97			
Kam	NL 489715994	Montreux 50		Shottle	Archibald	Gnat	97	+1	-1	1828	99	+612	-0.15	-0.10	-0.08	+12	+12	+20	+80	+7	-14	95	-29	97	99	98	99	110	104	102	97	99	99	99	101	97			
Ves	IT 02099043317	Zial Planet Viken		Planet	Titanic	Nat	94	+1	-6	1017	98	+755	-0.37	-0.23	-0.04	-4	+4	+37	+19	-17	-23	87	+297	100	101	99	99	104	97	93	93	95	105	102	96	98			
ABS	US 135695137	Wa-Del Hayden		O Man	Mtoto	Nat	98	+1	-13	1837	99	+513	-0.21	-0.30	+0.08	+2	-10	+31	-28	-8	-22	97	+219	107	98	93	99	96	93	97	99	98	103	102	99	100			
Dek	NL 331879452	Peinzer Boy		Jesther	Lucky Leo	Nat	98	+1	-12	9166	99	-685	+0.18	+0.01	+0.14	-14	-23	-20	-130	-4	+14	99	+280	99	104	97	90	100	103	104	99	102	99	101	100	101			
CRV	NL 335478033	Beekmanshoeve Bertil		Willis	Jocko	Gnat	98	+0	-17	29955	99	+308	-0.02	+0.11	-0.08	+11	+2																						

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

NVI melkdoel = 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

NVI dubbeldoel = 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-1Vader	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- Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	FCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T					
Melkdoel Zwart						pnt				Productie									€				€	Functioneel										Exterieur						
WWS	US 62897620	Canyon-Breeze At Airlift	Atwood	Shottle	Nat		87	-56	-22	149	93	+1147	-0.33	-0.48	+0.18	+16	-8	+70	+22	-4	-26	78	-19	100	93	98	98	108	96	95	89	98	101	110	96	103				
Sam	NL 520984798	Navigator	RF Jeff	Kian	Nat		94	-57	-12	508	98	-1944	+1.09	+0.36	+0.13	-7	-43	-80	-215	-4	+1	92	+287	104	97	98	99	104	107	101	87	98	102	104	100	102				
Sam	NL 538153368	Farmers Wish Ibc Piro	RF Jerudo	Alves	Nat		96	-60	-11	1046	99	-506	+0.16	-0.03	-0.08	-8	-20	-30	-108	-3	+21	92	-300	103	104	99	99	101	106	93	94	94	98	95	98	94				
	NL 931248841	Leo	Lonar	Basar	Nat		84	-62	+20	126	92	-68	-0.08	-0.14	-0.06	-10	-15	-8	-85	+1	+69	76	+78	101	98	99	98	100	99	99	75	94	91	97	91	90				
Sam	NL 883206498	Farmers Wish Alessandro	Surefire	Mr Sam	Nat	n	78	-69	n	142	85	+1037	-0.76	-0.35	+0.02	-31	-2	+49	-42	n	-16	69	-128	98	94	98	102	103	109	100	83	105	104	105	101	105				
SZO	IT 01999081578	Go-Farm Royal Eudon	Million	Shottle	Int		87	-69	+3	173	93	+106	+0.06	-0.23	-0.01	+10	-17	+4	-48	-7	-41	79	-93	100	99	95	97	101	103	93	104	105	106	92	101					
Sem	UK 0000006471	Willsbro Ash	Shottle	Goldwyn	Nat		85	-78	-13	152	90	-24	-0.44	-0.25	-0.04	-40	-23	-5	-180	-22	-51	79	+11	100	98	98	90	104	101	99	89	103	103	107	103	107				
	NL 707252430	Laarvallei Level	Niveau	Boolders Abald	Nat		80	-79	+5	63	89	-1311	+0.17	+0.19	+0.00	-43	-31	-60	-235	-16	+13	73	-40	103	104	103	100			97	70	96	98	98	95	95				
Sam	NL 893665027	Farmers Wish J.H. Mr. White	Maik	Bookie	Nat	2n	91	-80	-37	369	97	-225	-0.13	-0.37	-0.04	-21	-40	-14	-212	-32	-40	85	-60	101	101	100	99	96	98	99	88	101	102	106	100	104				
WWS	US 141123484	Scientific B Defiant	RF Braxton	Goldwyn	Nat		88	-81	-14	180	93	+249	-0.53	-0.30	+0.00	-38	-19	+11	-154	-8	-5	77	-139	97	98	103	92	109	104	102	90	100	100	109	98	104				
Ves	IT 12990018692	Meridiana Fez	Ford	Skywalker	Nat		96	-88	-11	1710	99	-163	-0.09	-0.11	+0.10	-15	-15	+1	-93	-4	-13	94	-37	101	98	101	92	102	101	95	94	100	99	94	96	95				
CRV	NL 721221966	Woeste Polder Black Gold	RF Redgold	Fitlist	Nat		83	-102	-6	119	91	-1058	-0.21	+0.14	-0.05	-61	-26	-52	-250	-34	-44	74	+54	99	99	102	97	96	99	104	81	100	100	92	104	98				
	NL 548193559	Hopeful Eightron	Eight	Ronald	Nat		82	-103	+12	168	91	-863	+0.13	+0.16	+0.03	-26	-17	-37	-135	+17	-13	74	-197	103	101	90	95	98	90	100	78	98	103	94	94	93				
Toe	NL 890130180	Delthe Ezra 2 Rf	RF Timotheus	Delthe Jaius	Nat		81	-103	+0	112	91	-1568	+0.41	-0.01	-0.12	-37	-55	-80	-327	+15	-4	73	+15	98	109	100	101	91	99	102	65	96	94	86	100	90				
Sam	NL 533851708	Heuvel Vertongen	RF Lucrative	Paramount	Nat		90	-106	-11	402	96	+716	-0.35	-0.03	-0.03	-3	+22	+30	+93	+1	-14	84	-346	93	95	99	95	104	100	89	89	102	103	95	98	97				
Sam	NL 729656180	Freddie Raeman P	RF PO Badger-Bluff Fa	Burket-Falls Pe	Nat		87	-113	-12	182	94	+740	-0.79	-0.24	+0.05	-44	+3	+39	-68	+4	-37	78	-117	94	99	97	95	104	103	97	85	98	104	101	94	97				
ABS	IT 02899019587	Guthi Jeeves Airgon	Jeeves	Jenny Lou	Nat		93	-117	-22	925	97	+165	+0.11	-0.15	+0.03	+17	-8	+10	+6	+1	-45	87	-93	97	96	84	92	101	101	89	95	106	101	100	99	101				
Toe	NL 926622643	Weggelhorster Cinnamon	BY RF Cinnamon	Blitz	Nat		79	-121	-28	95	88	-432	-0.36	-0.23	+0.04	-49	-34	-16	-247	-24	+18	70	-288	98	104	104	93	104	98	97	72	98	99	94	98	95				
Sem	CA 9669685	Misty Springs Superpower	Bonair	Shottle	Nat		94	-126	-42	1276	98	+204	-0.10	-0.27	-0.03	+0	-17	+7	-68	-41	+15	89	-169	100	95	95	96	107	95	94	97	105	103	98	92	97				
Viv	DE 0354064958	Vivax Leverage	Scooby-Duu	Stuuman	Nat		83	-144	-1	109	92	-1432	+0.10	+0.05	+0.13	-53	-46	-56	-317	-3	-13	75	-320	101	103	107	97	103	92	94	76	98	99	101	97	98				
GGL	CH 1200914917	Gs Alliance O'gold	Sid	Boss Iron	Nat		79	-187	-8	77	89	-1338	+0.50	+0.02	+0.08	-19	-45	-55	-241	-10	-15	71	-179	103	93	96	92	99	106	94	73	101	99	113	88	101				