

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

17 Augustus 20

Ki	Stiernummer	Stiernaam	Er-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B							
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
Tot	DE 0362052128	Sunrise		Superfly	Rio		15	Gna	78	+355	-1	45	87	+3526	-0,34	-0,35	+113	+85	+705	+3	+146	82	+848	106	99	104	101	99	104	103	87	95	101	104	94						
STG	US 3147118734	Genosource Captain		Charl	Farnear Tango		16	Nat	84	+352	-11	78	92	+2210	+0,29	+0,00	+126	+78	+713	-12	+169	87	+674	98	103	102	101	99	107	110	92	91	90	104	95						
Sem	US 3224956499	Peak Powerstar	MW	Altawheelhouse	A-S-Cannon Fr.		16	Nat	78	+339	+36	57	86	+1641	+0,47	+0,16	+119	+74	+675	+130	-14	81	+595	108	106	105	100	104	97	101	89	105	103	103	93						
WWS	US 3216213973	Badger Ssi Ahead Jaffa		Ahead	A-S-Cannon Fr.		16	Nat	83	+338	-26	207	92	+1327	+0,50	+0,30	+108	+78	+659	-37	+16	77	+840	107	102	100	94	101	96	102	92	101	105	105	99						
GGI	DE 0363341434	Precision		Proximo	Swift		16	Gna	76	+305	+5	26	84	+1255	+0,24	+0,03	+78	+47	+436	-10	+100	76	+874	109	99	103	103	99	96	106	87	98	100	111	97						
Alt	US 3200824505	Peak Altaplinko		Marius	Altatopshot		16	Nat	78	+301	+9	29	88	+1438	+0,56	+0,26	+119	+77	+688	+3	+148	88	+423	101	104	103	107	102	97		90	90	91	96	95						
CRV	NL 734970583	Delta Dolmen		Topstone	Relevant		16	Gna	92	+298	+7	883	97	+1866	+0,23	+0,13	+104	+79	+652	+15	+87	89	+439	105	96	106	100	95	105	104	99	101	104	99	106						
Ves	IT 033990585217	All Nure Wendat		Einstein	Padawan		17	Gna	86	+297	+7	252	93	+2006	-0,20	+0,08	+65	+79	+535	-7	+94	83	+686	102	102	104	104	98	95	104	94	105	103	106	100						
Gex	US 3212150557	Peak Breaking News		Altazazzle	Altalawson		17	Nat	78	+297	-13	73	88	+660	+0,19	+0,10	+47	+33	+283	-27	+111	82	+818	110	109	107	103	103	103	103	79	90	93	106	90						
Alt	US 3215425541	Peak Altazemini		Altazazzle	Altalawson		16	Nat	81	+291	-14	85	90	+1111	+0,50	+0,17	+98	+56	+535	-16	+16	84	+484	106	105	106	104	103	107	105	80	103	102	101	95						
WWS	US 3208357105	Siemers Twn Parsly 32480-Et		End-Road Dear	Delta-Lambda		16	Nat	91	+290	+22	683	97	+1991	-0,02	+0,01	+84	+71	+557	+7	+16	84	+503	102	106	104	98	105	94	105	96	103	106	105	96						
ABS	US 3218350992	Bomaz Rimrock	RF	Rubels-Red	Salvatore Rc		17	Nat	83	+290	+28	145	92	+1851	-0,23	-0,20	+56	+44	+359	+51	+22	76	+793	104	108	100	97	99	100	107	86	104	105	109	101						
GGI	DE 0123451708	Kax Gladli		Gazebo	Superhero		16	Gna	85	+288	-3	107	93	+2576	-0,22	-0,09	+87	+81	+607	-3	+172	85	+618	103	98	100	96	101	100	103	92	98	101	104	96						
Alt	US 3224956127	Peak Altaeverus		Altaplinko	Crimson		16	Nat	74	+287	-33	75	84	+1158	+0,53	+0,23	+104	+64	+587	-79	+87	76	+517	103	107	103	103	101	98	99	84	94	96	94	96						
Sem	CA 13353753	Progenesis Pinball	MW	Challenger	Imax		17	Nat	78	+287	-6	52	89	+1931	+0,04	-0,26	+87	+41	+437	-6	+50	84	+545	105	107	106	101	101	96		88	101	103	109	98						
WWS	US 3212874275	Cookiecutter Harrisenna		Maximus	Reason		16	Nat	83	+285	-7	180	92	+1124	+0,41	+0,14	+90	+54	+502	-18	+28	77	+764	105	102	105	100	106	93	103	89	99	99	106	97						
Sam	NL 642467753	Sjk Helium		Topstone	Blowtorch		16	Nat	78	+285	+20	64	87	+1583	-0,01	+0,03	+67	+59	+455	+31	+6	81	+622	105	107	104	100	102	98	102	80	103	102	101	102						
WWS	US 3221358221	Ocd Perfect Soysauce		Parfect	Legacy		16	Nat	74	+283	+117	44	85	+2173	-0,12	-0,07	+81	+69	+540	+205	+46	82	+883	102	101	104	98	107	105		86	102	104	106	100						
STG	US 3213134224	Stgen Rc Redlea	RF	Captain	Salvatore Rc		16	Nat	79	+282	+55	77	87	+1031	+0,50	+0,20	+95	+57	+530	+135	+105	80	+392	103	106	104	100	99	97	100	90	94	95	105	95						
GGI	DE 0541082325	Thi Shout Rdc	RF	Sputnik Rdc	Swift		17	Gna	76	+281	+6	25	84	+1087	-0,09	-0,02	+38	+36	+269	+13	+142	81	+728	104	107	102	100	100	98	109	88	96	97	104	102						
WWS	US 3219743151	Lars-Acres Ssi Gd Raiton		Gameday	Renegade		16	Nat	83	+280	-22	189	91	+2107	+0,00	-0,09	+91	+65	+553	-7	-14	80	+573	107	103	104	99	101	101	96	92	102	106	105	101						
ABS	US 3231725291	Sandy-Valley P Empower		Parfect	Brass		16	Nat	74	+280	+95	56	83	+1465	-0,03	-0,08	+60	+43	+365	+164	+28	73	+683	106	107	109	100	101	93	104	72	101	103	100	100						
WWS	US 3218556306	Siemers Asud Pylar 34943		Austad	Legacy		16	Nat	76	+279	+51	70	86	+2018	-0,08	-0,09	+78	+62	+501	+124	+58	76	+574	107	102	106	101	99	97	102	75	102	99	103	96						
CRV	NL 711529122	Delta Surfer P	PO	Brandung P	Simon P		16	Gna	77	+278	-7	40	85	+2927	-0,38	-0,24	+84	+77	+583	+1	+57	73	+532	99	101	107	102	97	105	103	87	105	103	106	102						
Alt	US 3224955987	Peak Altaexquisite		Altazazzle	I Pursuit		17	Nat	86	+278	-20	366	93	+1188	+0,19	+0,12	+70	+54	+442	-32	+42	85	+560	103	108	107	102	104	112	102	91	98	98	102	98						
STG	US 3200059526	Genosource Johnboy		Redrock	Dynamo		16	Nat	85	+277	-1	132	93	+1670	+0,21	+0,12	+94	+71	+587	+26	+30	86	+810	99	103	106	99	98	98	101	89	103	103	107	93						
Gex	US 3229908197	Peak Highproof		Moonrise	I Pursuit		16	Nat	69	+277	-2	50	80	+696	+0,46	+0,14	+76	+38	+391	-1	+40	54	+588	109	104	108	101	101	99	104	69	101	101	103	97						
Tot	NL 737303319	Gen Percival		Captain	Gymnast		16	Gna	80	+273	+10	64	88	+2015	+0,20	-0,06	+108	+65	+604	+3	+105	80	+328	99	102	100	96	100	98	105	90	94	99	105	100						
Alt	US 3238827335	Peak Altamesmerize		Altawheelhouse	Positive		17	Nat	86	+272	-5	324	93	+1510	+0,57	+0,18	+124	+72	+682	+0	+13	80	+497	100	102	106	102	100	101	98	91	104	106	102	97						
GGI	NL 547344399	K&I Sputnik Rdc	RF	Spark Red	Finder		17	Gna	81	+271	+16	25	89	+2553	-0,48	-0,33	+58	+54	+606	+19	+138	83	+635	105	103	99	103	100	94	107	90	98	99	103	97						
Alt	US 3213001126	Peak Altazingler Et		Altazazzle	Altarobert		16	Gna	86	+270	-1	139	93	+837	+0,08	+0,02	+44	+32	+270	-7	+62	85	+873	106	112	106	103	103	102	105	91	95	95	99	89						
ABS	US 3204326975	Wet Acura Maximus-Et		Acura	Matters		16	Nat	91	+267	-13	659	97	+1338	+0,37	-0,01	+95	+46	+483	-32	+87	89	+520	102	108	102	99	101	98	101	94	101	99	97	97						
CRV	NL 585042424	Weinterper Potential		Rioaveso	Charles		16	Gna	81	+267	-5	103	89	+527	+0,47	+0,23	+69	+41	+383	-15	+46	75	+346	104	108	106	102	103	95	104	91	99	100	102	103						
Gex	US 3205436197	Peak Playback		I Pursuit	Reason		16	Nat	84	+267	-16	132	92	+1235	-0,01	-0,03	+52	+41	+332	-25	+60	85	+718	107	107	108	98	105	101	97	86	98	100	104	99						
ABS	US 3127590901	Denovo 3303 Citizen Et		Crosby	Spectre		16	Nat	85	+265	+0	190	94	+1086	+0,54	+0,00	+111	+38	+466	-3	+41	77	+705	102	107	106	104	104	103	99	80	99	102	101	96						
ABS	US 3210133228	Denovo 16719 August		Acura	Yoda		16	Nat	85	+265	-5	336	93																												

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NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L
Melkdoel Zwart											pnt	Productie							€	€	Functioneel							Exterieur						
ABS	US 3127591007	Denovo 3409 Callen-Et		Crimson	Matters	16	Nat	90	+246	-8	596	97	+924	+0.61	+0.09	+101	+42	+484	-1	-16	89	+675	110	102	104	98	102	97	95	91	100	102	101	94
Dek	FR 8562700803	Fief Du Manoir Rewood Man		Yearwood	Lighthouse	16	Gna	84	+246	-14	183	92	+828	+0.23	+0.19	+59	+48	+383	-6	+116	77	+418	102	105	102	98	94	95	101	91	101	102	107	101
CRV	NL 894523726	Delta Vulcano P	PO LR	Nippon P	Trust	15	Gna	79	+246	+4	20	86	+485	+0.09	+0.36	+30	+52	+314	+11	+118	74	+413	107	102	102	100	100	100	108	88	98	97	101	103
CRV	DE 0956066982	Zaffir		Altazarek	Dynamo	16	Gna	81	+245	-5	82	89	+1973	-0.01	-0.07	+84	+62	+519	+0	+102	80	+532	104	97	101	103	102	96	104	91	100	104	107	95
Sem	US 3212874416	Cookiebutter Larson		Aot Highjump E	Helix	17	Nat	76	+245	-1	69	87	+1973	+0.07	-0.16	+92	+53	+504	+13	+63	82	+333	103	103	103	102	103	98	87	95	102	108	95	
Syn	DE 0123860591	Sh Gialliner		Gigabyte	Cameron	16	Gna	84	+245	+0	104	92	+2250	-0.25	-0.15	+70	+63	+481	-3	+101	85	+383	105	100	108	100	101	100	96	90	96	99	106	99
WWS	US 3205704153	Rmd-Dotterer Ssi Gameday		A-S-Cannon Fr	Blowtorch	16	Nat	83	+245	+6	75	92	+1096	+0.52	+0.01	+100	+40	+472	+13	+77	87	+332	104	104	102	98	102	108	100	86	99	101	107	95
WWS	US 3222920062	Morningview Choices		Conway	Altaaltuve	16	Nat	77	+245	+38	83	86	+342	+0.68	+0.36	+81	+47	+445	+117	-9	73	+381	101	106	103	99	106	101	103	74	98	100	107	102
CRV	US 3215425396	Peak Fugleman	MW	Altazazzle	Positive	17	Gna	85	+243	+0	126	92	+840	+0.65	+0.29	+101	+59	+557	+3	+73	86	+427	102	100	99	101	106	105	103	92	96	100	110	92
Tot	FR 5356942877	Dgf Cash		Charl	Jedi	17	Gna	81	+243	+9	51	89	+1376	-0.16	-0.03	+43	+45	+323	+5	+231	83	+627	105	106	105	102	98	98	97	88	90	88	99	91
Alt	US 3215425398	Peak Altarecharge		Torro	Marius	16	Nat	74	+242	-6	39	86	+721	+0.56	+0.15	+87	+40	+433	-15	+113	81	+312	103	108	104	105	101	100	79	94	97	102	90	
Alt	US 3224956338	Peak Altamostwanted		Altawheelhouse	Positive	17	Nat	80	+241	+82	135	89	+1913	+0.28	-0.02	+112	+65	+616	+192	-73	76	+473	102	102	101	100	103	107	101	85	106	109	108	93
Sem	US 3212874372	Cookiecutter Holysmokes		Aot Highjump E	Renegade	16	Gna	83	+240	+0	129	91	+1770	+0.11	+0.02	+88	+64	+539	-11	+117	85	+362	104	99	106	99	96	93	96	93	100	102	106	95
Sem	CA 13712919	Progenesis Monteverdi		Altazazzle	Positive	17	Gna	83	+240	-4	83	91	+1241	+0.22	+0.01	+76	+45	+422	+3	+39	85	+627	101	102	106	104	104	106	108	91	95	102	105	95
Tot	US 3209481407	Sandy-Valley Lovoo		Renegade	Fabulous	16	Nat	85	+239	+0	187	93	+2049	+0.12	-0.02	+101	+70	+604	+15	+88	82	+368	99	100	102	100	95	92	98	91	102	106	105	99
ABS	UK 95644450286	Sbg Mecca P	PO	Monument-P	Bacon-Hill Hurr	16	Nat	86	+239	-6	317	94	+1290	+0.52	+0.05	+109	+51	+546	+8	+43	84	+396	101	104	101	98	104	104	99	92	103	104	107	93
Sem	CA 13227486	Progenesis Pragmatic		Fabulous	S-S-I Eraser P	17	Nat	80	+239	-12	91	92	+2410	-0.35	-0.23	+66	+60	+556	-7	+5	76	+640	100	108	103	97	100	99	91	105	103	102	94	91
ABS	US 3143060701	Denovo 2800 Prince		Yoda	Woodcrest Moç	16	Nat	82	+238	+7	67	91	-12	+0.98	+0.24	+93	+23	+378	+3	+27	86	+445	105	107	102	97	97	101	98	88	100	101	103	101
CRV	NL 572943695	Delta Bliss		Blessing	Relevant	16	Gna	93	+238	+12	1038	97	+1290	-0.18	+0.13	+37	+59	+365	+20	+123	89	+562	100	102	106	105	97	106	106	99	101	100	99	105
CRV	NL 688518408	Delta Starliner		Wirdum	Mustang	17	Gna	89	+238	+13	220	95	+593	+0.05	+0.02	+30	+23	+189	+0	+67	80	+593	107	104	106	107	103	94	106	95	96	105	103	108
GGI	DE 0817478162	Camus Et		Vh Crown	Semino	16	Nat	79	+237	+10	25	86	+1360	+0.00	-0.05	+59	+43	+362	+3	+110	83	+791	102	103	102	99	99	102	99	89	90	95	107	98
WWS	US 3211715893	S-S-I Msu Challingr Orbit		Challenger	Medley	17	Nat	78	+237	-36	51	87	+1435	-0.11	-0.26	+50	+24	+253	-14	+63	79	+625	106	108	106	103	99	104	104	81	97	101	102	94
Tot	DE 0541272254	High Prime		Proximo	Hagar	16	Gna	75	+236	+13	27	83	+1658	+0.14	-0.04	+86	+54	+490	-18	+43	76	+604	100	102	104	100	100	110	101	86	99	101	103	99
Alt	US 3219939630	Peak Altafretiger		Altatiki	Altaexplosion	16	Nat	79	+235	+13	79	88	+1804	+0.27	+0.15	+106	+79	+658	+18	+72	81	+507	94	102	106	99	99	101	103	82	103	99	98	90
Sem	CA 13601269	Claynook Mayfair		Cockpit	Randall	17	Nat	78	+235	-21	133	90	+1761	+0.13	-0.19	+89	+42	+448	-1	-24	74	+373	109	103	102	95	103	89	90	98	105	104	106	96
Sem	CA 13996615	Progenesis Bumblebee		Montblanc	Batman	16	Nat	73	+234	+42	57	85	+792	+0.63	+0.05	+97	+33	+333	-1	-3	72	+462	102	106	105	103	105	101	83	102	104	108	95	91
Sem	CA 13353688	Progenesis Bennie		Timberlake	Altarobson	17	Nat	77	+233	+3	24	85	+2557	-0.27	-0.10	+81	+79	+583	-4	+49	83	+397	101	100	103	100	101	97	102	87	100	101	105	92
Sem	CA 13636769	Westcoast Earlybird		Einstein	Renegade	16	Nat	76	+232	-6	57	88	+781	+0.51	+0.20	+84	+47	+544	-3	+58	83	+429	100	104	103	101	96	100	85	85	98	99	108	98
CRV	NL 589817592	Lowlands Believer	MW	Lunar	Altatopshot	16	Gna	94	+232	+4	1242	98	+1310	+0.17	+0.08	+74	+54	+454	+4	+99	91	+351	98	101	105	104	100	99	108	99	99	102	106	99
Syn	NL 715952290	Topstone		Altatopshot	Rubicon	17	Gna	93	+232	+10	656	98	+1770	-0.21	-0.09	+54	+53	+390	+10	+47	93	+492	103	102	105	100	93	98	106	96	103	105	102	100
GGI	DE 0123927175	Kax Bestseller		Best Benz	Skywalker	16	Gna	78	+232	+3	39	86	+1047	+0.24	+0.03	+69	+40	+379	-12	+98	78	+793	100	106	107	100	103	105	95	88	94	96	105	94
Sem	CA 13442793	Westcoast Rocksongs		Blizzard	Alcove	16	Nat	78	+232	-30	53	87	+1179	+0.04	-0.03	+55	+39	+333	-3	-26	81	+581	103	106	105	101	107	95	106	85	103	103	110	95
GGI	DE 1262598996	Bender		De-Su Legend	Superhero	16	Gna	77	+232	-3	18	85	+618	-0.35	-0.09	-8	+13	+32	-10	+134	84	+818	106	111	105	103	101	101	105	87	90	89	106	97
Alt	US 3215425491	Peak Zooty Et		Altazazzle	Positive	17	Nat	72	+231	-7	17	80	+307	+0.90	+0.31	+101	+41	+479	-7	+60	66	+371	103	103	102	105	100	109	101	80	100	102	105	94
CRV	NL 743430180	Delta Bonjour		Sidekick	Guard	15	Gna	97	+231	+9	1602	99	-38	+0.05	-0.08	+3	-9	-30	+10	+79	96	+378	112	113	107	103	101	91	107	99	89	94	105	100
WWS	US 3211394946	La-Ca-De-Le Eis Knockout-Et		Eisaku	Achiever	16	Nat	84	+230	+0	123	92	+1267	+0.21	-0.07	+76	+38	+391	+19	+62	84	+556	103	106	107	102	100	96	98	88	98	99	99</	

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Sti	Sti	Erf	Vader	M-vader	tschaj	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B						
AI	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
WWS	US 3148279820	Twin-Ridge Revelation		Solution	Jedi	16	Nat		90	+222	-20	276	96	+1612	-0,19	-0,19	+50	+37	+309	-7	+71	91	+584	109	101	105	102	100	101	102	93	100	98	107	92						
WWS	US 3223868608	Ocd Parfect Figaro		Parfect	Coffee	16	Nat		76	+220	+11	32	84	+1236	+0,14	-0,08	+67	+35	+352	+6	+21	83	+502	100	103	106	98	102	101	105	81	101	104	108	102						
Tot	DE 0363206549	Tnp Sunny P Et	PO	Simon P	Kerrigan	17	Gna		78	+220	-13	18	85	+1347	-0,11	-0,06	+47	+41	+317	-3	+26	83	+853	107	101	101	101	97	106	102	86	98	100	105	96						
Gex	US 3212150654	Peak Professor		Altazazzle	Crimson	17	Nat		72	+220	-9	45	82	+581	+0,41	-0,05	+65	+16	+264	-6	+48	78	+500	105	110	104	104	105	104	102	76	100	100	99	94						
Syn	DE 0363494059	Arrival		Arroz	Prosperous	16	Gna		81	+219	+7	88	89	+718	+0,45	+0,13	+76	+38	+391	-12	+81	80	+420	103	99	102	100	96	104	104	91	95	102	106	103						
ABS	US 3200650524	Fb 7683 Billy Alonso		Billy	Frazzled	16	Nat		86	+218	+10	176	95	+1525	+0,45	+0,05	+112	+59	+590	+5	+61	87	+230	102	101	102	99	104	102	98	82	99	101	98	95						
ABS	US 3205704112	Bomaz Episode		Entity	Altarobson	16	Nat		76	+218	-8	57	88	-22	+1,08	+0,41	+102	+38	+469	+36	+30	81	+228	102	107	103	99	102	98	86	100	102	99	94							
Tot	DE 0361346205	Kelvin		Keith	Superhero	17	Gna		80	+218	+10	50	88	+389	+0,47	+0,26	+63	+39	+357	+8	+66	84	+422	106	103	99	96	101	101	100	86	101	101	103	104						
Alt	US 3210590092	Co-Op Altabooyah-Et		Peak Altarnr-Et	Imax	17	Nat		80	+217	+2	130	91	+675	+0,36	+0,08	+65	+32	+333	+2	+17	72	+728	106	101	104	100	102	101	102	83	101	104	105	97						
CRV	NL 542034572	Delta Fast Lane		Remington	Lustrum	16	Gna		95	+216	-6	7759	98	+568	+0,33	+0,11	+57	+31	+304	+3	+70	92	+481	100	101	104	102	102	97	105	99	100	105	107	110						
Sem	CA 13353569	Progenesis Manhattan	MW	Positive	Guarantee	16	Nat		78	+214	+3	27	86	+1707	+0,11	-0,08	+85	+52	+479	-7	+25	84	+449	105	100	104	102	101	105	99	85	100	104	108	90						
Sem	CA 12857528	Silverridge V Einstein		Topnotch	Duke	17	Nat		86	+214	+9	66	93	+1060	+0,11	+0,08	+57	+45	+365	+11	+9	89	+424	105	105	103	100	99	96	101	91	105	104	108	92						
Alt	US 3140986351	Peak Altathoand		Hotline	Montross	16	Nat		93	+214	-5	416	98	+1656	-0,23	-0,07	+47	+51	+360	-3	+71	93	+506	108	100	104	101	97	98	99	94	96	99	104	96						
WWS	US 3205425912	Ar-Joy Cu Lp Amen PP	PP	Luster-P	Drastic	16	Nat		76	+214	+52	64	87	+1698	-0,24	-0,12	+48	+47	+346	+153	+11	80	+451	107	103	105	97	103	103	85	99	102	103	98							
Sem	US 3224437486	Kings-Ransom Dropbox		Aot Highjump E	Casper	16	Nat		83	+214	+1	195	91	+494	+0,41	+0,14	+61	+31	+316	+1	-40	83	+314	109	107	102	95	102	96	98	93	97	106	111	94						
ABS	NL 742757381	K&I Oh Bellwether		Altatopshot	Silver	17	Nat		94	+214	+30	660	99	+557	+0,27	+0,13	+51	+32	+291	+34	+53	93	+364	105	105	102	99	103	97	99	95	94	100	105	105						
Tot	US 3229343755	Welcome In Our World		Parfect	Legacy	16	Gna	Gn	76	+213	-7	30	84	+1295	+0,10	-0,16	+66	+29	+323	+27	+139	74	+309	102	101	106	99	102	102	104	86	104	104	105	102						
GGI	NL 597646670	K&I Gn Boudy		Gymnast	Rubicon	16	Gna		93	+213	+21	440	98	+634	+0,06	+0,10	+33	+32	+237	+22	+73	92	+635	107	104	104	94	98	94	98	94	97	101	106	99						
ABS	US 3142332650	Pine-Tree Yearwood		Yoda	Bandares	16	Nat		79	+212	-6	21	83	+1084	+0,02	+0,13	+49	+51	+366	-12	+20	83	+650	101	102	104	100	99	104	101	89	98	101	109	99						
GGI	DE 1273500181	Rbb Sinan PP	PP	Simon P	Bomaz Ruw My	16	Gna		79	+211	-3	26	86	+1944	-0,18	-0,08	+65	+60	+453	+0	+56	83	+648	105	98	98	101	97	99	103	88	98	101	103	93						
Gex	US 3200824355	Peak Fiction		Fabulous	Altatopshot	17	Nat	2n	83	+211	+3	120	93	+1615	-0,21	-0,05	+48	+52	+368	-3	+46	84	+278	104	104	102	99	99	95	105	85	98	101	103	96						
WWS	US 3145229924	Peak Chilton		Altarobson	Supershot	16	Nat		91	+211	+3	248	97	+1005	-0,09	+0,22	+34	+58	+351	+0	+20	92	+544	99	108	102	99	103	102	101	95	102	101	100	101						
Gex	CA 13996459	Progenesis Pettyfer		Altaplino	Tahiti	16	Nat		72	+210	-6	43	82	+514	+0,64	+0,17	+85	+35	+406	-29	+107	74	+500	98	106	106	106	101	101	104	99	70	95	96	98	95					
GGI	NL 571815449	Koepon Camden Rdc	RF	Solitaire P	Imax	16	Gna		88	+210	+4	203	95	+890	+0,15	+0,15	+53	+46	+357	+3	+44	87	+307	105	101	103	105	103	102	107	93	96	98	104	98						
GGI	DE 0667146583	Hellmuth's Pik As		Pinterault	Hotshot	17	Gna		91	+210	+2	254	97	-24	+0,36	+0,21	+33	+19	+181	+5	+52	90	+657	109	103	102	106	98	95	103	93	95	96	101	104						
Sem	CA 111074181	Progenesis Molliere		Topnotch	Eugenio	17	Nat		84	+209	-13	65	90	+1547	-0,12	-0,02	+54	+52	+386	-26	+28	84	+345	104	103	105	102	102	99	99	87	98	100	108	96						
CRV	NL 946221484	Delta Treasure		Finder	G-Force	16	Gna		98	+209	+3	3216	99	+253	-0,06	-0,08	+5	+1	+19	+7	+81	99	+451	112	109	106	106	103	100	99	99	92	97	106	103						
ABS	NL 716137083	Het Cap Great Et		Captivating	Kenobi	16	Nat		75	+208	+0	92	86	+512	+0,69	+0,16	+90	+34	+416	+26	-5	68	+386	100	105	105	102	99	99	103	77	101	102	104	96						
CRV	NL 577410163	Delta Warren P	PO RF	Warmond P Rf	Nobel	13	Gna		89	+208	-29	502	95	+1468	-0,21	+0,10	+42	+62	+393	-16	+116	85	+26	102	103	100	101	94	97	109	96	99	99	102	97						
GGI	DE 0770618336	Star P	PO RF	Solitaire P	Semino	16	Gna		86	+208	+21	102	94	+1872	-0,42	-0,06	+36	+60	+366	+9	+69	86	+505	107	101	100	102	95	95	101	93	97	98	106	92						
DE	0957009492	Hrh Dragon P	PO RF	Dynamic P	Spark Red	16	Gna		76	+208	+8	30	85	+1865	-0,44	-0,28	+34	+36	+257	-7	+23	73	+702	105	104	100	102	96	101	103	87	97	100	103	101						
CRV	BE 413723696	Barnkamper Majestic		Simba	Montross	16	Gna		96	+208	-6	1097	99	+989	-0,38	-0,14	+4	+21	+102	+7	+161	94	+725	105	106	103	104	100	100	108	99	90	86	102	95						
WWS	US 3211394853	S-S-I Eisaku Payload		Eisaku	Matters	16	Nat		85	+207	-8	145	93	+1659	+0,08	+0,01	+80	+60	+498	-15	+104	86	+380	95	104	103	98	105	106	98	92	97	100	103	97						
Syn	US 3215425510	Peak Rover		Altazazzle	Positive	16	Gna		81	+207	-10	51	88	+727	+0,66	+0,02	+97	+28	+411	-25	+10	84	+291	95	106	104	103	101	110	109	90	98	102	108	96						
ABS	US 3238258763	Denovo 18732 Hexagon		Gardner	Acura	16	Nat		77	+207	-8	135	87	+441	+0,41	+0,30	+59	+45	+371	-67	+39	73	+417	100	109	104	102	102	106	101	60	100	100	99	93						
K&L	DK 06880303577	Vh Balisto Brook		Balisto	Denim	17	Nat		94	+207	+5	1075	99	-57	+0,84	+0,24	+78	+21	+324	+7																					

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B							
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
WWS	US 3204327095	Wet Gameday Malone		Gameday	I Pursuit	16	Nat	79	+202	-16	129	88	+681	+0,38	-0,06	+67	+18	+278	-37	+14	75	+384	103	108	104	103	101	111	102	72	101	102	105	96							
Sam	NL 642762975	Apina Borg		Lunar	Empire	16	Nat	90	+202	+16	334	97	-183	+0,49	+0,09	+39	+2	+126	+11	-27	82	+722	112	106	99	103	102	89	104	93	102	102	106	96							
Ves	NL 670518870	Batenburg Ginstream		Topgear	Guard	13	Nat	93	+202	-4	602	98	+847	-0,45	-0,03	-9	+27	+89	-9	+3	92	+733	111	100	104	95	95	97	109	95	104	103	103	108							
WWS	US 3149934626	Plain-Knoll Ren Ricochet		Renegade	Blumenfeld Jed	15	Nat	2n	86	+201	-9	208	94	+1667	+0,02	-0,01	+74	+58	+471	-6	-6	78	+582	93	105	103	97	99	99	102	91	102	103	101	101						
Sem	CA 13996627	Progenesis Vangogh		Espn	Crimson	16	Nat	Ng	66	+201	n	28	79	+620	+0,52	+0,05	+78	+27	+350	+44	+10	67	+633	102	106	102	96	98	101	62	104	101	104	92							
Tot	NL 748567375	Sjk Harry		Nacash	Blowtorch	16	Gna	84	+201	+17	107	92	+792	+0,24	+0,04	+58	+32	+312	+17	+82	85	+201	107	103	102	102	99	101	95	98	90	101	104	106	100						
OBS	DE 0541057559	Metro		Merryguy	Supreme	16	Gna	82	+200	-1	62	90	+1429	+0,36	-0,03	+98	+47	+496	+0	+85	84	+271	104	99	102	97	105	98	99	88	101	99	97	97							
CRV	US 3150687458	Pine-Tree Halftime		Gamechanger	Achiever	16	Gna	81	+200	+17	60	89	+1047	+0,34	+0,04	+79	+41	+413	+13	+135	83	+448	104	96	102	98	101	105	101	90	98	100	105	97							
Alt	US 3200824523	Peak Altarascal-Et		Marius	Blowtorch	15	Nat	75	+200	-14	55	88	+1178	+0,14	-0,01	+65	+41	+371	-18	+72	78	+582	103	102	103	101	102	96	72	96	98	103	93								
WWS	US 3141608169	Kings-Ransom Big Dollars		Frazzled	Spark	15	Nat	78	+200	+2	29	86	+2092	-0,41	-0,32	+46	+40	+310	+4	+89	84	+790	106	100	108	99	96	95	103	82	100	97	100	87							
CRV	NL 577767836	Delta Romero		Best Benz	Mustang	16	Gna	Gn	82	+200	+24	110	90	+1630	-0,40	-0,13	+29	+44	+276	+19	+61	81	+612	102	105	107	104	100	100	99	90	100	103	104	97						
Gex	US 3205436293	Peak Mauney		Altarobert	Jedi	16	Nat	75	+200	+7	48	85	+366	+0,48	+0,20	+29	+6	+113	-25	+21	78	+456	104	113	106	103	101	101	104	81	99	99	101	98							
Toe	NL 616656611	Wi-Li-Jo Bellroy London		Bellroy	Jacuzzi	16	Nat	76	+199	+7	130	88	+1624	-0,06	-0,05	+64	+52	+416	+7	+21	70	+362	100	103	104	101	100	106	84	97	103	103	101								
Sem	CA 13442781	Progenesis Mahomes		Stantons Eldor	Milktime	16	Gna	81	+198	+7	60	90	+961	+0,10	-0,01	+51	+33	+295	+0	-2	83	+563	103	104	104	108	101	97	103	90	102	105	109	95							
Alt	US 3220463895	Peak Altawellspent		Altastealth	Riveting	16	Nat	66	+198	-17	26	78	+648	+0,21	+0,05	+49	+28	+267	-47	-22	56	+549	106	105	106	102	100	99	79	99	104	106	96								
Vek	NL 668318112	Vvh Josuper Bruce		Josuper	Topgear	15	Nat	2n	90	+198	-6	353	97	+1261	-0,27	-0,14	+27	+30	+210	-13	-42	83	+527	110	105	105	98	100	92	104	91	102	104	101	97						
CRV	NL 935599868	Delta Professor	LR	Bernell	Reflector	15	Gna	84	+198	-4	182	92	-382	+0,19	+0,21	+1	+6	+29	-42	+105	77	+430	107	108	107	103	94	90	107	93	99	97	102	102							
CRV	NL 562018952	Delta Amuse		Frontline	Inductor	14	Gna	2n	94	+197	+1	943	98	+2188	-0,37	-0,20	+55	+56	+406	-11	+120	92	+556	103	93	99	95	96	98	103	99	101	102	104	106						
Kam	NL 935516829	Florius		Floris	Esperanto	17	Gna	87	+196	+11	240	95	-3	+0,82	+0,14	+78	+13	+290	+15	+53	79	+275	102	103	103	108	98	101	106	93	99	99	100	107							
Sem	NL 485391815	Het Charleston		Soundcloud	Sound System	16	Nat	81	+196	-12	74	92	+823	+0,12	-0,01	+47	+28	+261	-15	+64	84	+236	103	107	100	97	99	97	90	98	98	106	103								
CRV	NL 969503956	Delta Brewer	RF	Jabido	Fisherman	14	Gna	Gn	81	+196	+5	130	88	+468	+0,23	+0,14	+43	+30	+258	+10	+50	74	+262	110	104	104	101	104	94	96	89	100	100	102	101						
Alt	US 3215425267	Peak Altaavitus		Fastball	Marius	16	Nat	72	+195	-7	28	81	+1167	+0,09	+0,06	+59	+47	+379	+6	+35	79	+559	101	104	105	100	103	105	97	82	100	100	101	97							
WWS	US 3211394778	S-S-I Limlight Bedrock PP Et	PP	Limelight	Frazzled	16	Nat	68	+195	+85	27	79	+1734	-0,14	-0,19	+60	+41	+356	+222	+66	77	+605	105	100	104	102	104	97	83	100	98	104	92								
CRV	NL 680358363	Delta Show Me		Yes	Beacher	16	Gna	Gn	83	+195	-13	137	91	+1623	-0,37	-0,20	+31	+36	+248	-11	+40	75	+359	102	102	101	105	105	96	105	93	103	102	109	109						
Sam	NL 591900796	Bonhill Rambam	RF	Rubels-Red	Supershot	16	Nat	83	+194	+21	191	93	+2029	-0,19	-0,13	+67	+58	+450	+33	+8	75	+424	99	105	98	96	100	99	100	82	104	103	99	99							
Alt	US 3215425484	Peak Altagaines Et		Altazazzle	Positive	17	Gna	92	+194	+15	1191	97	+1137	+0,17	+0,03	+66	+43	+383	+2	+24	91	+458	109	103	102	101	107	109	103	95	100	102	107	95							
Dek	FR 6125092972	La Jugletiere Pumpkin		Adlon P	Balu	16	Gna	78	+194	-13	24	86	+445	+0,02	+0,03	+21	+19	+145	+5	+46	84	+343	107	107	104	105	97	99	104	87	100	103	106	99							
WWS	US 3133157816	Dir-Road Cannonball		Apprentice	Mog Mogul Delta	16	Nat	74	+194	-10	30	84	+156	+0,23	+0,01	+29	+6	+113	-10	-9	69	+771	112	104	104	101	103	92	103	84	103	103	106	94							
ABS	US 3215069802	Pine-Tree Gardner-Et		Heroic	Medley	16	Nat	84	+193	-26	247	93	+1627	+0,13	+0,09	+83	+67	+537	-16	+21	85	+465	94	103	102	102	102	109	103	80	99	100	101	93							
Gex	US 3200824740	Peak Incredible		Altalaison	Denver	17	Nat	2n	86	+193	-8	193	94	+1040	+0,15	+0,10	+60	+47	+382	+0	+83	88	+427	103	102	101	99	104	102	97	84	96	98	106	95						
Gex	US 3209641360	Peak Phenomenon		I Pursuit	Fabulous	16	Nat	80	+193	-13	81	90	+1653	-0,34	-0,11	+36	+47	+310	-2	+13	82	+611	101	105	104	101	100	101	101	78	101	100	106	95							
CRV	NL 870045004	Delta Toolbox	RF	Prominent	Jacuzzi	14	Gna	79	+193	-22	25	87	-291	+0,58	+0,32	+42	+20	+212	-21	+24	74	+66	104	97	106	108	102	94	106	88	101	101	99	108							
CRV	NL 710287748	Delta Founder		Nobel	Jupiler	14	Gna	93	+193	+9	663	98	+1287	+0,56	-0,10	-2	+35	+145	-3	+33	88	+567	105	105	101	101	98	98	106	99	103	104	102	106							
CRV	NL 877671402	Delta Domingo		Blessing	Vh Rozwell	14	Gna	89	+193	+5	797	95	-36	+0,22	+0,12	+19	+10	+100	-12	+100	82	+371	104	106	104	105	104	102	106	98	100	96	100	110							
WWS	US 3151003682	Leaninghouse Taos		Renegade	Jedi	15	Nat	2n	88	+192	+29	324	96	+1219	+0,06	+0,02	+59	+45	+371	+22	-47	91	+597	96	106	104	98	101	102	94	101	106	106	102							
Kam	NL 964733781	American Dreamtime P	PO RF	Abundant P Rf	Jacuzzi	16	Gna	90	+192	-6	599	96	+338	+0,63	+0,19	+76	+30	+357	-1	+50	82	+161	105	97	102	100	98	99	109	95	106	104	103	104							
ABS	CA 110807391	Dexpro Mojo		Medley	Jedi	16	Gna	88																																	

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B									
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L								
Melkdoel Zwart											Productie											Functioneel											Exterieur										
Syn	US 3214541108	Tigerman		Taos	Rome	16	Gna	78	+183	+11		37	86	+1231	+0,14	-0,05	+67	+38	+364	+21	+23	81	+239	98	105	104	100	101	103	104	87	104	105	103	99								
ABS	US 3141559636	Denovo 14242 Kokomo		Blowtorch	Mr Mogul Delta	17	Nat	95	+183	+4		1738	99	+1524	-0,37	-0,36	+27	+17	+154	+6	+4	94	+498	106	110	103	99	101	106	94	97	99	102	106	100								
Gex	US 3200824092	Peak Dayne		Milktime	Altarobson	17	Nat	79	+182	+5		53	88	+1332	+0,05	-0,05	+62	+42	+367	-20	+28	83	+605	101	103	104	101	101	101	100	86	103	104	100	93								
CRV	US 3209641351	Peak Upswing	MW	I Pursuit	Duke	17	Gna	87	+182	-4		197	94	+425	+0,44	+0,05	+61	+20	+269	+12	+73	88	+339	97	106	106	104	101	109	105	94	104	106	104	99								
WWS	US 3144506083	Kerndtway Exodus		Reason	Heisenberg	15	Nat	78	+182	+13		33	85	+641	+0,16	-0,08	+43	+15	+194	+6	+53	77	+416	108	106	103	91	103	101	98	82	95	96	104	95								
Alt	US 3224956642	Peak Altgetrich		Altawheelhouse	I Pursuit	17	Nat	74	+181	+45		48	85	+1903	+0,19	-0,01	+102	+66	+590	+213	-39	49	+149	99	103	102	96	104	108	95	67	103	107	99	96								
CRV	NL 585770710	Delta Wizard	RF MW	Endless Rf	Mangrove	15	Gna	89	+181	+8		700	95	+784	+0,15	+0,10	+49	+38	+310	-21	+62	81	+202	100	102	105	105	99	98	107	97	101	97	101	103								
Sem	US 3150452154	Fairmont Ridgeline		Topnotch	Mr Mogul Delta	16	Nat	79	+181	-4		45	87	+1369	-0,22	-0,11	+36	+37	+267	-21	+52	81	+444	103	105	103	97	102	97	88	94	99	110	91									
Sem	DE 0539843407	Wildier Mark	RF	Apprentice	Supershot	16	Nat	90	+181	-6		305	97	+1448	-0,25	-0,22	+37	+28	+231	+0	-5	87	+274	98	110	105	103	102	102	105	93	104	103	105	100								
Alt	US 3145230084	Peak Altagrunge		Hotline	Altaspring	16	Nat	78	+180	-3	2n	34	86	+1655	+0,16	-0,15	+88	+43	+449	-7	+0	82	-49	108	100	106	99	97	101	96	75	102	103	104	95								
Sem	US 3141495129	Siemers Darwin		Superhero	Silver	17	Nat	94	+180	-11		836	99	+1411	-0,04	-0,15	+57	+34	+317	-5	-34	95	+143	100	107	102	100	100	105	103	97	104	105	109	100								
Alt	US 3143383922	Bomaz Altacabot		Altatopshot	Cabriolet	16	Int	78	+180	-1		32	92	+84	+0,64	+0,26	+65	+28	+315	+16	+62	74	+292	102	103	107	104	101	100	86	96	99	100	100									
Sem	CA 13442731	Westcoast Lugnut		Alcove	Eugenio	17	Nat	84	+179	-21		268	94	+1699	+0,05	-0,04	+78	+56	+475	-26	+3	87	+285	98	101	102	98	100	102	86	94	104	103	106	98								
Sem	CA 13353578	Progenesis Mezzoforte		Positive	Guarantee	16	Nat	73	+179	+5		35	85	+1631	+0,11	-0,14	+82	+43	+431	-7	+48	80	+417	100	101	103	102	104	105	85	99	103	103	93									
CRV	NL 721115746	Delta Landstar	RF	Developer Rf	Jacuzzi	14	Gna	83	+179	+7	2n	197	90	+43	+0,89	+0,39	+83	+36	+404	+25	-36	75	+137	107	97	102	102	101	98	105	93	106	104	99	105								
WWS	US 3206205325	W-R-L Ssi Renegad Remedy		Renegade	Slamdunk	16	Nat	87	+179	+1		344	95	+1182	+0,17	-0,01	+68	+41	+380	-12	-24	79	+309	99	105	103	98	102	100	97	94	103	106	106	102								
WWS	US 3200124761	Siemers Renegade Perfect		Renegade	Delta-Lambda	16	Nat	92	+178	-8	2n	795	97	+1125	+0,19	+0,00	+68	+40	+376	-1	-38	93	+284	97	102	105	98	103	102	102	99	103	108	107	108								
OBS	DE 0360175030	First		Finder	Lexington	17	Gna	86	+178	+7		95	93	+980	-0,18	-0,10	+24	+25	+180	+15	+104	87	+567	108	102	102	103	104	101	100	90	99	96	103	96								
CRV	US 3215568846	Terra-Calroy Zuri		Altazazzle	Tahiti	16	Gna	85	+177	+13		147	92	+566	+0,83	+0,17	+106	+37	+477	-3	+47	85	+216	99	102	105	102	106	111	97	93	100	102	106	91								
Tot	US 3200824958	Peak Austad		Positive	Denver	17	Nat	77	+177	+10		25	85	+714	+0,57	+0,13	+87	+38	+424	+4	+83	84	+229	103	99	103	103	101	96	101	80	99	100	101	94								
Alt	US 3228352424	Peak Altaexemplary		Espn	I Pursuit	17	Nat	74	+177	+47		56	83	+180	+0,81	+0,24	+86	+30	+387	+116	+6	75	+248	99	105	103	100	101	106	101	81	99	101	103	97								
CRV	NL 884634760	Delta Boomerang		Fisherman	Esperanto	15	Gna	90	+177	+18		357	96	+159	+0,60	+0,21	+65	+26	+307	+28	+70	88	+225	107	98	105	103	101	102	105	96	97	99	103	96								
Gex	CA 13567524	Peak Big Rig-Et		Blizzard	Altatopshot	16	Nat	68	+177	-13		31	79	+540	+0,36	+0,09	+59	+28	+297	-18	+29	74	+369	105	103	107	99	99	95	103	71	99	101	101	91								
ABS	US 3210056021	Denovo 406136 Donnelly		No-Fla Merrima	Spectre	16	Nat	88	+176	-8		295	96	+780	+0,68	+0,26	+101	+53	+331	-13	+29	87	+323	101	96	104	105	99	108	98	83	103	102	100	98								
WWS	US 3133120549	S-S-I Bg Fzzld Riveting		Frazzled	Profit	15	Nat	90	+176	-5		191	95	+40	+0,21	-0,04	+22	-2	+57	-8	+22	91	+806	109	106	104	98	99	100	101	93	104	102	102	97								
Alt	US 3213001110	Peak Altamagnifique-Et		Maestro	Positive	17	Nat	91	+175	+9		519	97	+1141	+0,44	+0,15	+94	+55	+519	-1	-45	89	+374	99	102	102	103	105	102	98	93	108	107	105	91								
Sem	CA 13442778	Westcoast Retrolook		Maestro	Alcove	17	Nat	91	+175	-22		734	97	+884	+0,39	+0,22	+77	+53	+459	-28	-16	89	+340	100	103	102	100	106	105	101	96	106	107	98	94								
OBS	DE 0360385508	Suprem		Superhero	Missouri	16	Gna	90	+175	+4		215	96	+2566	-0,58	-0,25	+47	+63	+412	-3	+29	91	+248	104	102	101	98	101	99	100	93	103	105	100	93								
DE	0360408598	Sullivan		Superhero	Missouri		Gna	79	+175	+2		26	87	+1722	-0,48	-0,20	+24	+40	+244	+0	+103	79	+501	105	103	103	100	96	96	102	86	97	99	101	91								
CRV	NL 679048004	Delta Happy P	PO RF	Nectar P	Esperanto	14	Gna	89	+175	+15		720	95	+304	+0,41	+0,05	+53	+16	+228	+18	+81	82	+477	100	101	102	104	102	105	110	96	100	100	100	104								
Syn	DE 1405723810	Sha Gepard Rdc	RF	Gywer Rdc	Gatedancer	15	Gna	78	+174	+14		27	86	+1886	-0,22	-0,05	+58	+61	+436	+10	+58	80	+190	98	103	101	103	101	99	98	85	103	102	104	98								
ABS	US 3204165493	Denovo 16255 Heritage		Rickland Hughes	Sandy-Valley E	16	Nat	77	+174	-1		66	88	+841	+0,36	+0,06	+72	+36	+371	+18	+81	69	+376	101	102	104	104	99	102	100	83	98	98	102	92								
ABS	US 3201125133	Richmond-Fd Sw Allegany		Acura	Yoda	16	Nat	78	+174	-19		65	88	+1333	-0,06	-0,05	+51	+42	+334	+3	+76	82	+525	100	103	105	97	103	110	96	77	95	96	100	98								
Alt	US 3200824710	Peak Altarfout		Marius	Frazzled	16	Nat	84	+174	+10		155	92	+1457	-0,21	-0,07	+41	+44	+312	-8	-1	85	+579	103	104	103	99	103	105	102	84	104	103	101	91								
CRV	NL 717184112	Delta Starmate		Lawrence	Ranger	16	Gna	87	+174	-12		330	93	+351	+0,33	+0,23	+47	+35	+292	+6	+39	79	+122	99	102	103	98	96	102	105	96	98	104	111	105								
CRV	BE 418630184	Delta Lawrence		Trust	Barley	15	Gna	95	+174	-10		903	99	+839	-0,16	+0,08	+20	+38	+223	+4	+146	93	+196	102	102	104	102	101	103	105	99	97	95	104	100								
CRV	NL 573595961	Delta Elon P	PO	Warmond P Rf	Nobel	13	Gna	81	+173	-23		85	89	+1309	-0,28	+0,05	+28	+51	+3030																								

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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17 Augustus 20

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B							
AI	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
Tot	NL 737302967	Gen Patch		Timberlake	Pine-Tree Burle	16	Gna		77	+167	-8	20	85	+1462	-0,27	-0,10	+35	+41	+281	+1	+82	80	+383	100	104	104	104	107	101	103	103	86	102	102	99	96					
Kam	NL 657288796	Waldclass Flybye		Floris	Rush Hour Cd	16	Gna		87	+167	+13	202	95	+1094	-0,11	+0,00	+36	+39	+276	+26	+34	79	+249	103	102	104	106	99	102	101	91	104	101	100	105						
STG	DE 0540816136	Ceh Music		I Pursuit	Gymnast	17	Int		81	+167	+2	28	90	+1655	-0,28	-0,24	+42	+33	+268	-22	+31	76	+306	104	102	102	99	100	97		88	96	100	107	100						
Tot	FR 1442242412	Lieu Thomain Baltazar		Dg Charley	Pepper	17	Gna		79	+167	+12	23	87	+765	-0,08	-0,09	+25	+18	+152	+3	+59	82	+476	110	101	105	99	95	95	99	85	96	101	99	102						
Ves	IT 019991766092	Go-Farm Spinoff		Padawan	Rubicon	16	Nat		75	+166	+6	30	84	-304	+0,19	+0,15	+5	+3	+28	-23	+24	79	+848	105	109	103	99	101	91	102	78	100	102	101	97						
GGI	DE 1603891478	German Boy		Gymnast	Silver	16	Gna		86	+165	+17	93	93	+2156	+0,05	-0,20	+98	+55	+531	+12	+81	86	-28	95	97	104	99	96	105	101	90	101	105	107	100						
Syn	DE 0361214538	Weh Promotion		Prosperous	Kerrigan	16	Gna		77	+165	-7	18	85	+2023	-0,16	-0,19	+70	+51	+429	-9	+102	83	+530	100	97	101	98	99	105	97	85	96	98	102	96						
Tot	US 3148929181	Sandy-Valley Moon		Marius	Helix	17	Gna		82	+165	+8	44	89	+1544	-0,21	+0,00	+45	+54	+367	+10	+53	85	+392	101	101	105	104	101	100	97	89	98	102	105	94						
CRV	BE 917262319	Delta Bonbon	RF	Nominator	E Profit	15	Gna		89	+165	+31	1107	94	+191	+0,55	+0,30	+61	+36	+338	+81	+35	79	+218	99	100	100	102	101	102	105	98	107	106	106	105						
GGI	DE 1306103665	Zarino		Zekon	Finder	17	Gna		83	+165	+1	119	91	+1096	-0,07	+0,06	+40	+45	+314	-7	+61	85	+412	99	102	102	100	100	105	103	90	103	104	102	99						
Sem	CA 110996175	Dudoc Speedup P	PO	Hotspot P	Ocd Eraser Zip	16	Nat	2n	92	+165	+8	607	98	+21	+0,19	+0,03	+19	+4	+74	+6	+5	86	+552	106	109	103	99	105	100	104	95	102	103	106	92						
CRV	NL 673698942	Delta Tornado		Skywalker	Esperanto	15	Gna		93	+164	-3	519	98	+1480	-0,41	+0,04	+21	+56	+304	+0	+16	92	+489	96	102	104	102	99	103	105	98	101	99	105	102						
Ves	IT 019991486573	Go-Farm Miura Et		Afterburner	Enforcer	16	Nat		94	+164	+3	3058	99	+367	+0,24	+0,25	+39	+37	+276	+22	+7	92	+224	101	107	102	101	101	102	102	98	97	101	100	99						
Ves	IT 015990456139	Bonetti S.S. Gaudi		Perseus	Rubicon	16	Nat	2n	77	+164	+5	57	88	-127	+0,38	+0,28	+31	+22	+188	-3	+39	75	+451	98	111	104	101	105	107	101	69	101	100	101	96						
CRV	NL 632593923	Delta Limbic		Fisherman	Rush Hour Cd	16	Gna		93	+163	-5	764	98	+691	-0,04	+0,15	+26	+39	+246	+0	+9	89	+350	107	98	104	101	104	92	101	98	101	105	102	107						
Sam	DE 0361275630	Dg Bon Bini	PO	Hotspot P	Missouri	16	Gna		80	+163	-10	34	88	+1003	-0,17	+0,04	+26	+39	+246	-10	+90	83	+260	100	103	106	103	103	98	103	88	95	99	106	97						
WWS	US 3202074756	Regan-Danhof Capone-Et		Renegade	Modesty	16	Nat		84	+162	-11	44	87	+1730	-0,10	+0,02	+64	+63	+463	-21	+63	85	+221	95	98	106	100	105	100	101	90	98	103	107	98						
CRV	NL 589401100	Delta Yeti	RF	Endurance	Silver	16	Gna		96	+162	+0	1516	99	+791	+0,17	+0,05	+51	+33	+295	+15	-30	94	+174	104	104	103	102	103	101	101	99	102	105	100	102						
Ves	DK 03707004472	Utoft Bahrain Billund	LR	Vh Bahrain	Bernell	15	Gna	2n	84	+162	+0	101	91	+1200	-0,15	-0,03	+36	+39	+276	-10	+149	83	+219	100	102	104	106	104	106	99	88	98	103	100	100						
Sem	CA 12857690	Pine-Tree-I Pursuit		Imax	Profit	17	Nat		92	+162	-3	402	97	+984	+0,03	-0,05	+45	+30	+264	-1	+2	94	+385	100	105	104	101	106	106	100	96	106	102	105	100						
Alt	US 3142181444	Peak Altazigzag		Dg Charley	Silver	17	Int		81	+162	+8	47	90	+947	-0,06	-0,06	+35	+27	+221	-7	+70	85	+389	104	106	100	100	100	98	100	76	99	99	101	94						
STG	CA 13440455	Stantons Remover PP	PP	Luster-P	S-S-I Frerdinan	16	Nat		78	+161	-27	111	90	+2065	-0,03	-0,19	+86	+53	+486	-32	+34	74	+208	94	103	104	97	103	106		87	99	101	102	94						
WWS	US 3224809615	Winstar Perfect Cirrus P	PO	Parfect	Kenobi	16	Nat		83	+161	-3	179	91	+851	+0,10	+0,05	+47	+35	+292	+25	-54	85	+547	99	102	106	100	106	102	103	90	104	107	103	103						
Kam	NL 578194864	Waldclass Milkshake		Rioaveso	Rush Hour Cd	16	Gna		83	+161	+0	131	91	+715	-0,14	+0,01	+17	+26	+163	-1	+38	76	+416	105	100	104	102	104	99	106	90	106	104	105	103						
CRV	US 3150687548	Pine-Tree Engineer		I Pursuit	Prophecy	17	Gna		82	+160	+4	67	89	+345	+0,61	+0,23	+74	+35	+373	+8	+72	86	+320	99	102	103	100	108	103	98	90	101	102	102	96						
GGI	NL 608504814	K&I Oh Matty P	PO RF	Match P	Salvatore Rc	16	Gna		82	+160	+0	33	89	+1084	+0,14	+0,04	+61	+42	+364	-3	+57	85	+603	101	95	102	101	105	100	103	89	97	102	106	96						
Tot	DE 0361346181	Wkm Kenny		Keith	Superhero	17	Gna	2n	88	+160	+8	169	95	+1246	-0,10	+0,04	+43	+48	+335	+6	+49	87	+433	99	100	100	100	103	107	103	92	105	102	105	99						
Alt	CA 13483441	Peak Althopper		Altacabot	Achiever	17	Nat		84	+160	-16	162	93	+148	+0,60	+0,29	+64	+33	+334	-7	+29	85	+229	99	103	105	100	104	99	105	85	100	100	103	94						
STG	DE 0360385794	Skyline		Semino	Battlecry	17	Nat		75	+160	+34	31	86	+201	+0,22	+0,21	+30	+27	+206	+11	-64	60	+616	108	102	97	100	97	103	103	82	102	102	103	100						
CRV	NL 623631524	Double W Robin Hood P	PO	Surrender Pp	Magister	15	Gna		93	+160	+3	845	98	-82	+0,49	+0,20	+43	+16	+198	+22	+38	86	+139	107	103	96	99	97	102	105	99	101	104	104	102						
Sem	CA 13353512	Peak Relay		Positive	Frazzled	16	Nat	2n	77	+159	-8	34	85	+1714	-0,02	-0,12	+72	+48	+422	-14	+28	82	+490	99	100	102	97	98	108	95	85	101	103	106	95						
Tot	US 3209481288	Sandy-Valley Eq-Et		Renegade	Frazzled	16	Gna		90	+159	+2	585	96	+1382	+0,15	-0,04	+75	+45	+419	+9	+73	88	+183	97	102	105	99	99	100	94	94	103	104	106	98						
STG	US 72128125	Edg Rubicon		Mogul	Roylane Socra	17	Nat		96	+159	+5	6137	99	+616	+0,52	+0,01	+78	+23	+333	+0	+28	99	+563	98	99	105	97	100	98	100	99	104	104	101	105						
Sem	US 3212996888	Siemens Ballgame		Fastball	Huey	16	Gna		78	+159	+1	39	86	+1603	-0,12	-0,20	+57	+36	+326	+7	+10	79	+337	100	102	103	96	101	105	104	88	104	104	104	96						
Sem	CA 14073840	Claynook Matchless		Alligator	Randall	17	Nat		79	+159	+0	169	91	+1215	+0,06	-0,12	+58	+31	+307	-9	-15	75	-11	104	104	104	97	101	94	91	94	104	107	98							
Kam	BE 114947111	Kik Mitchie		Mitch	Rubicon	16	Gna		84	+159	+2	151	92	+76	+0,57	+0,17	+58	+19	+256	+11	+52	78																			

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B						
AI	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										Functieeel										Exterieur									
AWE	US 3133064316	Endco Supreme		View-Home Ca	Platinum	14	Nat	80	+151	-4	33	88	+1040	-0,06	+0,00	+39	+37	+276	-15	+47	86	+351	109	99	101	99	95	97		87	97	99	100	93						
GGI	DE 0666959699	My Dream P	PO RF	Mission P	Shotglass	14	Gna	82	+151	+3	24	89	+834	-0,13	+0,16	+23	+45	+263	+5	+85	89	+429	100	102	106	101	96	102	102	88	97	97	103	92						
ABS	US 3217133557	Aot Hashtag		Fastball	Mr Mogul Delta	16	Nat	84	+151	+11	265	93	+824	+0,31	-0,14	+66	+15	+263	+40	+99	77	+331	101	103	101	99	100	109	98	87	95	97	105	96						
GGI	NL 886519096	Poppe Sanchez P	PO RF	Solitaire P	Gymnaast	16	Gna	79	+151	-2	22	86	+1466	-0,29	-0,13	+33	+38	+262	+0	+21	84	+201	103	103	98	101	96	99	103	87	93	104	106	98						
ABS	US 3142332706	Pine-Tree Durable		Dg Charley	Woodcrest Moc	16	Gna	80	+151	-2	23	87	+769	-0,04	+0,12	+29	+39	+255	-1	+150	83	+363	96	105	104	103	105	105	101	88	91	91	99	96						
K&L	DK 06880304519	Vh Norland Nader		Norland	Blondin Vh Rac	14	Gna	84	+151	+10	92	93	-237	+0,44	+0,29	+31	+19	+175	+8	+27	86	+404	103	105	104	107	102	100	101	88	98	101	104	97						
Sam	NL 611080884	Big Macht		Malki	Brawler	12	Nat	91	+151	+3	492	97	+410	+0,22	-0,09	+39	+6	+143	-11	+19	83	+619	107	100	103	101	97	94	109	94	98	99	92	101						
CRV	NL 598186850	Delta Powerlift	RF	Abundant P Rf	Adorable	17	Gna	97	+150	+0	7705	99	+686	+0,05	+0,06	+34	+30	+231	-9	+78	94	+308	104	96	100	103	104	96	99	99	98	101	108	111						
Ves	IT 033990413396	Alli Nure Sst Rally		Supershot	Balisto	18	Nat	91	+150	-8	669	97	+1177	-0,26	-0,06	+24	+35	+223	-15	+45	81	+217	106	103	102	100	99	93	101	91	92	101	98	99						
CRV	NL 692183669	Delta Pineapple P	PO LR	Nippon P	Waterloo	16	Gna	91	+150	+5	1291	96	+396	+0,06	+0,16	+23	+30	+198	+15	+46	83	+380	103	104	97	102	101	100	105	99	103	100	104	96						
STG	US 3132198315	Mr Rubi-Agronaut 73287		Rubicon	Shotglass	16	Nat	92	+150	+8	384	98	-902	+0,85	+0,24	+39	-10	+74	+10	+46	89	+375	105	107	102	100	98	93	100	94	101	102	105	101						
ABS	US 3141559471	De-Su 14077 Toronto		Pine-Tree Burlt	Rubicon	16	Nat	83	+149	+7	117	91	+1225	+0,30	+0,02	+83	+45	+443	+30	+23	73	+272	103	96	105	99	101	102	97	82	102	102	97	99						
Kam	NL 546723092	Willem's-Hoeve Steyr		Martin	Jetset	17	Gna	90	+149	-10	267	96	+1085	+0,00	+0,01	+47	+39	+309	-13	+33	82	+498	104	95	100	94	103	101	104	92	104	105	107	97						
Alt	US 3145240286	G-Deruyter Altarisen		Altarobson	Rubicon	15	Nat	76	+149	-1	31	85	+405	+0,50	+0,10	+66	+24	+301	-12	+19	79	+318	101	106	104	97	103	99	97	78	101	101	100	93						
CRV	NL 632593598	Delta Paddock PP	PP	Sunfit P	Laurent P Rf	15	Gna 2n	96	+149	+0	1986	99	+382	+0,16	+0,00	+32	+13	+152	-3	+47	94	+279	104	99	101	104	99	99	111	99	98	96	100	108						
CRV	NL 898618019	Delta Smart		Genius	Topgear	14	Gna Gn	83	+149	-17	224	90	+215	-0,15	+0,14	-5	+21	+75	-60	-41	75	+745	104	97	103	102	96	101	111	93	104	105	113	106						
CRV	NL 921967114	Bouw Finder		Balisto	Epic	18	Gna	98	+149	+2	8697	99	-384	+0,35	+0,07	-16	-7	+18	+3	+33	99	+434	109	103	107	103	100	99	104	99	101	100	100	104	96					
Sem	CA 120396330	Dulet Koufax		Parachute	Delta-Lambda	16	Nat	77	+148	+2	115	89	+1645	-0,09	-0,18	+61	+39	+351	-17	-36	72	+378	99	106	99	102	102	97	88	103	107	104	91							
Kam	NL 725547929	De Pettershoeve Alexander		Ranger	Topgear	17	Gna	93	+148	-6	877	98	+584	+0,29	+0,11	+54	+31	+295	-14	+6	88	+115	99	100	100	101	100	100	106	98	104	102	102	111						
WWS	US 3218556317	Siemers Rz Puzzle 34954		Rozline	Delta-Lambda	16	Nat	76	+148	+38	39	84	+188	+0,65	+0,11	+71	+17	+286	+64	-45	81	+237	102	102	102	99	100	107	100	82	100	102	110	101						
Sem	CH 12016450036	Vogue Maroon PP Sg	PP	A2p2	Luster-P	16	Nat	80	+147	+11	131	89	-192	+0,52	+0,05	+41	-2	+114	+68	+61	74	+142	99	112	100	103	101	101	99	89	103	103	110	99						
Sam	NL 657761615	Holbra San		Shakespeare	Hartley	16	Nat n	69	+147	n	54	81	-393	+0,19	+0,14	+1	-1	-1	n	+25	66	+804	107	105	105	106	95	96		76	101	100	97	104						
WWS	US 3132923889	Penn-England Barclay		Bubba	Rubicon	16	Nat	91	+146	-7	378	97	+1121	+0,19	-0,03	+67	+37	+360	-21	+93	91	+216	94	102	106	103	103	105	100	94	99	98	105	97						
AWE	US 3212996924	Siemers Zas Patan 33849		Zasberilla	Delta-Lambda	16	Nat	77	+145	+32	66	87	+2356	-0,27	-0,14	+72	+68	+508	+143	+9	62	-4	95	101	103	98	103	104	99	80	101	107	108	93						
Alt	US 3138499077	Peak Altaaltuve	RF	Salvatore Rc	Monterey	17	Nat	92	+145	-5	399	98	+1703	-0,30	-0,14	+42	+45	+320	-4	+52	92	+176	103	99	106	101	99	96	100	94	100	102	97							
Syn	DE 0361080091	Soundbar		Sound System	Rubicon	17	Gna	81	+145	+4	37	88	+1212	+0,15	-0,15	+67	+27	+317	+4	+81	84	+73	100	104	103	99	101	111	95	87	94	100	104	98						
WWS	US 3138843085	Cherry-Lily Zip Luster-P	PO	Ocd Eraser Zip	Kingboy	16	Nat	95	+145	-1	1379	99	+1288	+0,04	-0,19	+59	+26	+289	-1	+86	95	+22	104	104	104	98	103	105	96	99	99	102	107	98						
Sem	CA 120461146	Comestar Latay		Parfect	Tropic	16	Nat	74	+145	+93	64	85	+1421	-0,13	-0,17	+48	+33	+286	+188	-61	78	+148	97	105	104	97	103	104		87	103	108	108	107						
WWS	US 3206702800	Penn-England Cobra-P	PO RF	Renegade	Answer Po	15	Int	71	+145	-3	29	89	+525	+0,45	+0,00	+67	+19	+283	-6	+19	60	+238	100	104	101	92	101	95		82	105	106	104	99						
Kam	NL 879035453	Weinterper Solution		Finder	Guard	17	Gna	95	+145	-1	2485	99	+844	+0,09	+0,03	+45	+33	+277	-19	+11	94	+172	105	98	105	97	96	99	100	99	102	105	101	106						
Tot	US 3218556047	Siemers Tao Prada		Taos	Granite	15	Gna	83	+145	+22	151	91	+153	+0,38	+0,07	+43	+12	+181	+22	-14	82	+514	100	107	103	100	104	102	98	91	100	104	107	98						
AWE	DE 0123962673	Gog Collin		Copyright	Malinus	15	Gna	78	+144	-1	37	86	+1560	-0,05	-0,14	+62	+41	+362	+10	+116	82	+228	96	98	100	100	102	108	101	88	98	103	110	99						
WWS	US 3142352961	S-S-I Pr Renegade		Jaltaoak	Millington	15	Nat	95	+143	+8	1317	99	+1197	+0,21	+0,02	+73	+44	+408	+4	+0	95	+215	93	103	101	95	97	101	99	99	105	106	106	102						
WWS	US 3205425911	Ar-Joy Cu Pari Aladdin P	PO	Parfect	Drastic	17	Nat	69	+143	-29	37	79	+1546	-0,37	-0,09	+28	+45	+278	-42	+0	70	+307	99	104	104	98	103	104	99	74	102	105	106	98						
Tot	NL 882387482	Dg Oh Double	RF	Salvatore Rc	Rubicon	16	Gna	79	+143	+24	20	86	+1034	+0,02	-0,15	+46	+21	+228	+9	+24	85	+506	103	101	100	101	98	96	100	88	99	104	108	96						
WWS	US 3229290791	Siemers Pfct Hardy 35126		Parfect	S-S-I La Syrac	16	Nat	81	+142	-25	110	89	+1228	+0,03	+0,01	+56	+44	+357	-18	-53	82	+459	101	98	106	99	109	98	96	89	101	106	109							

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK
NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B
Al	Bull number	Bull name	Her-fact	Sire	MGS	cinshij	S	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L
Melkdoel Zwart											pnt	Productie							€	€	Functioneel							Exterieur						
WWS	US 3229290983	Siemers H Partake 35318		Hanans	Delta-Lambda	16	Nat	80	+135	+37	90	88	+1124	-0,17	+0,00	+31	+40	+265	-3	+16	75	+147	97	104	106	99	101	102	102	89	95	100	108	97
Gex	US 3132554863	Fairmont Bayont Rockstar		Bayonet	Moonboy	14	Nat	77	+135	-6	28	85	+1009	-0,12	-0,07	+31	+29	+218	-3	+107	71	+310	99	105	99	101	99	98	103	85	96	95	101	93
CRV	NL 894523353	Delta Sherpa		Altatorrent	Waterloo	15	Gna	83	+135	+1	156	91	+615	-0,14	+0,01	+13	+23	+138	+1	+7	81	+319	104	100	102	98	97	105	107	91	104	103	101	107
Alt	US 3129128763	Peak Altatrueshot		Supershot	Mccutchen	17	Nat	96	+135	+13	1865	99	+137	+0,17	+0,02	+22	+7	+96	+10	-57	97	+306	105	106	107	102	103	99	106	97	107	105	101	98
K&L	DK 03200303904	Vh River Ramsey		Vh River	Penley	15	Gna	95	+135	-3	2262	99	-12	-0,02	+0,16	-2	+15	+59	+18	+62	94	+669	104	103	101	104	105	96	100	99	101	103	101	104
WWS	US 3148929379	Sandy-Valley R Conway		Renegade	Granite	16	Nat	90	+134	-5	415	96	-6	+0,80	+0,27	+76	+26	+340	-7	+55	91	+303	93	106	99	100	104	103	95	95	98	102	104	100
Gex	US 3132117304	Pine-Tree Gated Hydro		Gatedancer	Tango	14	Int	74	+134	+25	18	86	+745	+0,07	+0,16	+39	+42	+298	+18	+99	71	-29	102	105	102	100	103	103	93	70	95	94	103	94
Gex	US 3212150417	Co-Op Fastdraw-Et		Peak Frzld Furi	Reason	15	Int	66	+134	-24	22	83	+235	+0,40	+0,10	+49	+18	+224	-22	+66	71	+367	106	102	104	103	99	100	97	58	100	99	98	92
Sam	NL 872390502	Vdr Slash		Balu	Malki	15	Gna	97	+134	+3	10137	99	+413	+0,04	+0,18	+22	+32	+204	+3	+11	99	+139	104	103	98	103	84	93	106	99	101	104	98	102
GGI	DE 0540629103	Wildier Hulk P		Hotspot P	Euclid	17	Gna	81	+134	+4	25	88	+17	+0,17	+0,27	+17	+26	+163	+0	+0	86	+199	103	107	104	99	105	102	101	88	93	98	111	89
WWS	US 3149513988	Clear-Echo Tahti Truxton		Tahiti	Bandares	16	Nat	91	+133	-28	390	97	+795	+0,36	-0,01	+70	+27	+326	-20	+38	90	+256	97	104	103	99	103	105	94	95	96	100	106	97
Sem	CA 12371165	Westcoast Yamaska		Afterburner	Woodcrest Moç	16	Nat	89	+132	-4	203	96	+242	+0,48	+0,29	+57	+37	+330	+4	+17	81	+97	99	104	101	96	104	99	99	88	103	102	102	97
Kam	BE 414947114	Kik Verstoppen		Mitch	Rubicon	16	Gna	83	+132	+2	106	91	+947	+0,19	-0,01	+60	+32	+318	+8	+80	77	+318	97	97	107	98	98	104	102	88	101	99	104	99
	DE 1272495064	Martinus		Missouri	Fanatic		Gna	81	+132	-10	33	89	+1404	-0,40	-0,18	+19	+31	+190	-22	+161	80	+667	100	98	105	98	95	102	103	86	92	90	98	94
Sam	NL 685132267	Weggehorster Bucketlist	LR	Bernell	Maik	13	Nat	73	+132	+11	118	86	+990	-0,27	-0,02	+15	+33	+187	+39	+105	66	+361	100	102	105	102	95	97	76	98	94	101	99	
Kam	NL 623245666	Drouner Armin	PO	Abundant P Rf	Dg Charley	16	Gna	79	+132	+8	63	87	+253	+0,11	+0,09	+22	+18	+143	+6	+49	74	+44	108	103	103	101	95	93	99	87	106	99	105	98
CRV	BE 720581625	Delta Japan Rf	RF	Brentano	Malcolm Rf	15	Gna	95	+132	-2	1333	99	+396	-0,02	+0,01	+15	+15	+110	+8	+122	95	+237	107	100	103	101	103	103	100	99	102	102	100	103
Sem	CA 12638218	Westcoast Alcove		Duke	Mvp	17	Nat	94	+131	+2	814	98	+2080	+0,07	-0,18	+97	+54	+523	+3	+42	94	+23	93	101	98	98	103	99	100	97	102	104	104	92
Ves	NL 893704041	Vecom Mischa	LR RF	Andy Red	Board	15	Gna	86	+131	+7	312	94	+627	+0,18	+0,03	+45	+25	+243	+6	+3	79	+406	105	96	100	98	103	101	102	91	105	106	101	106
Alt	US 3147840010	Peak Altakiss		Imax	Jedi	17	Nat	72	+131	+2	30	83	+1571	-0,34	-0,22	+32	+33	+238	+3	+25	80	+407	105	101	103	106	102	99	77	101	101	103	90	
WWS	US 3151783891	Welcome-Tel Heart 85635-Et		Renegade	Frazzled	16	Nat	88	+131	-11	310	95	+906	+0,00	-0,11	+39	+21	+207	-24	-85	88	+372	103	105	101	96	100	100	97	93	102	105	107	101
Kam	NL 648499303	Koepon Random	LR	Ranger	Board	18	Gna	96	+130	+3	5615	99	+328	+0,33	+0,22	+46	+33	+280	+18	-45	95	+12	99	98	101	100	102	105	107	99	105	102	105	114
CRV	NL 668059723	Lowlands Gladiator		Rush Hour Cd	Brentano	16	Gna	97	+130	-4	3127	99	-55	+0,43	+0,17	+39	+14	+177	+4	-42	96	+159	106	103	102	101	102	98	102	99	105	105	101	103
CRV	NL 658239214	Delta Foster PP	PP	Nippon P	Trust	15	Gna	91	+130	-15	1150	96	+268	+0,14	+0,12	+25	+21	+165	-8	+102	87	+142	101	105	101	101	101	103	105	98	91	89	102	94
GGI	NL 714486680	Peeldijker Converse		Concert	Silver	15	Gna	94	+130	-3	576	99	+1147	-0,40	-0,22	+9	+18	+104	+7	+68	94	+386	96	107	103	99	101	104	101	95	103	104	107	103
Sam	NL 719694909	Eastland Wishlist		Wirdum	Adorable	17	Nat	85	+130	+6	205	94	+257	+0,12	-0,01	+23	+8	+103	+4	+24	78	+195	103	107	104	97	104	101	98	91	99	101	103	103
Dek	FR 6114354190	Opera		Adorable	Wickham	17	Gna	87	+129	+9	150	94	+1031	-0,09	+0,05	+35	+41	+281	+14	+11	87	-74	101	100	101	96	101	105	105	93	105	102	106	103
CRV	NL 659618111	Delta Relevant		Mobile	Chevrolet	14	Gna	95	+129	-6	852	99	+507	+0,24	+0,09	+45	+27	+251	+0	+90	95	+411	108	95	105	101	102	103	93	99	99	99	97	102
Alt	US 3142181106	Peak Altalaison		Altarobson	Mr Mogul Delta	17	Nat	94	+129	-2	740	99	+839	-0,10	+0,09	+26	+39	+246	+0	-7	95	+262	101	105	105	101	99	106	97	94	103	101	101	97
GGI	DE 0360558604	Gin		Gymnast	Kingpin	16	Gna	82	+129	-2	40	89	+762	-0,09	+0,02	+24	+29	+197	-7	+45	84	+328	101	101	102	96	97	101	103	87	101	103	104	100
CRV	US 3237112600	Aurora Tyrol		Parfect	Eisaku	16	Gna	78	+127	+13	49	86	+450	+0,35	+0,08	+54	+24	+265	+55	-16	75	+216	97	104	103	95	106	109	101	89	101	104	105	101
WWS	US 70071611	S-S-I Mogul Reflector		Mogul	Super	18	Nat	97	+127	+0	5877	99	+781	-0,32	+0,00	+2	+28	+126	+0	+36	99	+367	99	102	103	97	107	107	105	99	103	101	106	105
Kam	NL 638593215	Peeldijker Scor		Scorpion	Barrage	16	Gna	81	+126	+5	94	90	+979	+0,09	-0,01	+51	+34	+299	+0	+40	75	+41	97	102	104	99	101	103	103	87	92	96	101	101
Syn	DE 0359235304	Bestday		Bestboss	Balisto	16	Gna	81	+126	+6	36	89	+900	-0,02	+0,07	+37	+39	+279	+2	+154	84	+216	103	98	96	97	94	95	100	87	97	97	104	93
WWS	US 3206205233	S-S-I Rengade Improbable		Renegade	T-Spruce Profit	16	Nat	72	+125	+5	35	81	+740	+0,12	+0,08	+44	+34	+278	+28	-4	77	+335	98	105	102	98	101	103	92	90	95	103	110	97
Sam	NL 587172040	Visstein K&I Banner		Vh Bahrain	Background	15	Nat	79	+125	+28	91	91	-114	+0,54	+0,37	+46	+31	+271	+24	+46	69	+183	99	104	102	100	98	102	98	77	96	99	102	97
CRV	N																																	

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B						
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	Rei	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										Functioneel										Exterieur									
Sem	CA 13442734	Westcoast Resolute		Discjockey	Fabulous	16	Nat	68	+116	+7	38	81	+148	+0,11	+0,05	+17	+10	+94	+12	-15	64	+30	106	105	104	100	101	96		81	99	102	112	96						
Tot	DE 0358665633	Cicero		Cinema	Balisto	17	Gna	80	+115	+6	32	88	+3009	-0,71	-0,39	+51	+63	+424	+12	+184	84	+254	94	93	98	100	98	108	102	86	97	97	98	104	95					
CRV	BE 414036636	Delta Elst		Lunar	Topgear	15	Gna	95	+115	+8	1447	99	+361	+0,27	+0,15	+42	+27	+242	+10	-9	93	+153	107	99	99	99	101	97	101	99	107	105	103	96						
CRV	NL 648761226	Delta Bartisa		Bernell	Don	14	Gna	87	+114	+4	351	94	-118	+0,56	+0,18	+48	+13	+200	-35	+96	78	+126	105	95	105	99	100	97	102	93	99	98	104	100						
Sem	CA 13178104	Novum Mercy		Alcove	Eugenio	17	Nat	85	+113	-4	222	93	+1392	+0,10	-0,14	+70	+35	+361	-4	+5	85	+67	94	107	102	98	107	104	99	93	105	105	103	89						
ABS	US 3140616509	Sandy-Valley Creamer		Achiever	Silver	17	Int	76	+113	-7	23	89	+431	+0,57	-0,07	+74	+8	+256	+2	+81	68	-7	101	99	102	99	102	101		86	97	98	105	100						
GGI	DK 05609302452	Bonum		Balisto	Epic	18	Gna	97	+113	-4	6787	99	+1119	-0,43	+0,07	+5	+47	+217	-7	+71	97	+387	103	96	101	102	100	102	102	99	103	101	106	96						
	FR 4939507891	Reflex P		Nacash	Adagio-P		Gna	80	+113	+12	38	88	+530	-0,14	-0,07	+9	+12	+79	+3	+57	81	+450	98	102	102	100	101	105	105	90	102	102	106	104						
STG	US 3135087360	Lexvold Ss Cahill		Supershot	Montross	17	Nat	80	+113	+2	28	84	+1533	-0,71	-0,30	-7	+23	+78	+4	+13	83	+657	100	102	102	101	101	96	107	85	98	101	107	95						
CRV	US 3149335089	Peak Morant		Altamontoya	Modesty	16	Gna	82	+112	+11	38	89	+541	+0,54	+0,21	+76	+40	+400	+29	+113	85	+142	97	95	103	98	104	107	101	89	98	99	103	93						
Sem	US 3135087143	Stantons Useful		Woodcrest Moç	Camaro	16	Nat	85	+112	-1	101	92	+326	+0,48	+0,05	+61	+16	+252	+27	+41	80	+190	97	102	103	100	105	107	104	89	98	100	102	96						
Adv	NL 636023549	Kalenji Ah Celebrity		King Doc	Mr Mogul Delta	16	Gna	87	+112	+3	113	94	+1521	-0,47	-0,15	+17	+38	+214	-5	+8	88	+202	98	104	101	96	104	100	97	92	102	99	111	99						
WWS	US 3213064510	Aot Hullabaloo		Magnitude	Positive	16	Nat	85	+112	-0	183	93	+832	-0,07	-0,27	+29	+2	+96	-17	+19	85	+404	103	107	103	97	99	105	96	92	95	102	109	90						
Kam	NL 549119054	Koepon Exponent		Nuberon	Altaspring	17	Gna	84	+111	+8	124	92	+1220	-0,15	-0,01	+37	+42	+292	+12	+100	77	+218	100	100	93	97	97	98	100	89	100	101	104	94						
Sem	CA 12130518	Westcoast Windmill	MM	Supershot	Doorman	17	Int	83	+111	-6	18	90	+1079	-0,19	-0,09	+27	+29	+206	-17	-24	85	+265	105	100	99	103	100	91	103	88	101	104	104	96						
WWS	US 3137164155	Regan-Danhof Cascade		King Royal	Supershot	16	Nat	83	+111	-8	76	92	+597	+0,20	-0,06	+45	+15	+200	-17	-4	85	+81	102	105	104	97	100	104	102	87	104	104	105	90						
Kam	NL 575896563	Eastland Alaja		Amuse	Adorable	16	Gna	83	+111	-4	177	91	+705	-0,03	-0,10	+27	+15	+146	-42	+81	76	+227	101	100	96	95	100	102	103	90	97	98	104	106						
Kam	NL 733557981	Holbra Adori		Adorable	Balisto	18	Gna	93	+110	+7	590	98	+803	-0,16	+0,04	+19	+32	+195	+3	+72	92	+435	101	101	94	100	96	100	102	95	98	99	101	97						
Kam	NL 716156956	Hoanster Tjeard P	PO	Nippon P	Magister	15	Gna	81	+109	-1	83	90	+949	-0,03	+0,21	+38	+55	+351	+15	+128	74	-16	97	96	103	101	102	104	103	87	95	96	103	96						
STG	US 3132352752	St Gen R-Haze Rapid		Rubi-Haze	Rubicon	16	Nat	88	+109	+3	118	94	+1397	-0,06	-0,07	+54	+42	+343	+0	-22	89	+280	95	102	102	97	101	105	99	92	102	105	104	96						
STG	US 3125993715	Farnear Delta-Lambda		Mr Mogul Delta	Numero Uno	17	Nat	95	+109	-13	1239	99	+947	-0,13	-0,09	+28	+24	+187	+4	+23	96	+408	100	102	97	98	105	103	100	99	98	103	108	97						
Dek	FR 5945699134	Randal Hgh		Oken	Surgeon	17	Gna	76	+108	-12	23	85	+117	+0,22	+0,21	+26	+24	+181	+14	-25	75	+250	104	100	100	101	101	104	101	87	102	105	108	99						
WWS	US 3143986414	Siemens Avz Hanley 31445		S-S-I La Syrac	King Doc	16	Nat	80	+106	+4	52	86	+1028	-0,05	-0,09	+39	+27	+233	+13	-81	80	+388	102	99	103	94	105	100	101	85	100	105	106	99						
WWS	CA 12529277	Progenesis Modest Roland 512		Modesty	Bomboro	16	Nat	81	+106	+15	25	86	+353	+0,33	-0,08	+47	+5	+163	+12	+111	85	+133	96	100	105	103	99	104	108	84	96	96	106	98						
Sem	CA 13127706	Westcoast Almatamer		Alcove	Montana	16	Nat	93	+105	-14	1214	98	-144	+0,38	+0,11	+30	+5	+112	-27	-67	92	+315	99	108	102	99	102	100	105	97	102	106	110	91						
WWS	US 3129016236	Josuper Rocketfire		Josuper	Sterling	16	Nat	89	+104	+17	155	95	+2131	-0,58	-0,26	+30	+47	+292	+4	+27	83	+318	99	103	103	97	101	104	98	92	99	100	106	98						
Tot	NL 940038369	Drouner Classic		Dg Charley	Silver	17	Gna	79	+104	-6	17	86	+1312	-0,14	-0,22	+42	+24	+229	+0	+108	83	+13	99	103	103	101	97	102	99	86	91	94	99	96						
RDe	FR 2235713306	R-Dek Official		Overtou	Louxor	14	Gna	76	+104	-15	32	85	+648	-0,03	-0,02	+25	+21	+165	-33	-20	72	+187	107	101	100	98	102	99	99	86	104	105	104	97						
GGI	NL 714486596	Peeldijker Freezer		Finder	Silver	17	Gna	91	+104	+8	522	97	+1036	-0,23	-0,17	+21	+19	+145	+6	-7	90	+243	103	101	102	97	101	104	98	93	103	104	107	103						
CRV	NL 755139693	Het Meer Bravo		Balisto	Bowser	16	Gna	98	+104	+3	6648	99	+207	+0,08	+0,10	+17	+17	+124	+7	+106	99	+199	107	103	105	106	99	93	92	99	96	95	95	97						
Sem	CA 12508193	Walnutlawn Bridgestone		Lighthouse	Willibro Abbott	16	Nat	91	+103	-16	346	97	+1920	-0,61	-0,19	+18	+48	+260	-6	+21	90	+194	102	103	102	98	102	101	96	94	101	103	108	85						
CRV	NL 943080820	Delta Bonprix P	PO LR	Nippon P	Don	16	Gna	80	+103	-19	37	88	-210	+0,53	+0,34	+41	+25	+231	-14	+7	74	+125	103	97	99	101	107	99	105	89	107	105	108	97						
Kam	NL 692742011	Daesdonckhoeve Radius		Rapper	Ranger	17	Gna	85	+103	+7	218	93	+911	-0,25	+0,03	+14	+35	+193	+3	+31	78	+190	99	95	102	100	102	104	107	93	107	107	107	108						
K&L	DE 0362637928	Vh Sly PP Rc	PP RF	Solitaire P	Yoyo	15	Gna	81	+103	-2	64	89	+574	-0,14	+0,09	+11	+29	+158	-6	+2	84	+390	103	105	101	103	96	104	97	88	95	100	99	94						
CRV	NL 687206696	Delta Concert		Crescendo	G-Force	13	Gna	98	+103	+6	4560	99	+679	-0,18	-0,13	+11	+11	+80	+4	+84	99	+485	101	106	103	101	98	101	96	99	97	99	99	95						
CRV	NL 943081784	Delta Amplitude	LR	Conan	Bernell	15	Gna	88	+102	-5	528	95	+1249	-0,09	-0,01	+45	+43	+320	-16	+134	80	-47	101	92	105	102	97	101	99	96	94	97	101	104						
CRV	US 3213241729	Pine-Tree Escapade		Acura	Samaritan	16	Gna	79	+102	-7	37	86	+1951	-0,29																										

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Er-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B							
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
CRV	NL 748138760	Delta Reporter		Skyfall	Belfast			14	Gna	96	+91	-6	1516	99	+409	-0,28	+0,08	-10	+22	+65	+0	+113	96	+17	102	104	101	101	94	97	104	99	99	98	95	101					
WWS	CA 13601311	Claynook Zoar		Conway	I Pursuit			16	Nat	80	+90	+13	85	88	+209	+0,79	+0,28	+85	+34	+401	+60	-8	80	-52	90	105	103	97	103	113	91	89	94	100	108	98					
CRV	NL 573364710	Delta Skippy		Paragon	Vitesse			14	Gna	95	+90	+1	1140	99	-15	+0,56	+0,24	+53	+22	+254	+0	-44	93	-107	106	95	101	99	99	100	106	99	107	102	104	99					
BGA	DE 0122523969	Nemo G Santi		Salvatore Rc	Silver			17	Gna	79	+90	+8	22	86	+1170	-0,19	-0,12	+31	+29	+218	+11	-15	84	+201	103	99	102	105	97	100	101	86	98	103	99	98					
K&L	SE 08231078492	Vh Rothult Spruce Swish		Vh Anderstrup	Vh Nugget Nerr			11	Gna	78	+90	+7	42	86	-795	+0,75	+0,47	+35	+15	+170	+9	+68	82	+92	102	103	100	102	105	103	102	85	97	94	100	91					
OBS	DE 0361629044	Mirco		Mick	Altareserve			12	Gna	77	+90	-15	26	85	+723	-0,09	-0,04	+22	+22	+161	-13	+7	81	+203	99	102	105	100	104	103	98	87	100	104	107	99					
ABS	US 73953334	Bomaz Hologram-P	PO	Monterey	Numero Uno			15	Nat	77	+90	+7	15	85	+343	+0,16	-0,07	+30	+5	+112	+3	+55	69	+269	99	104	103	95	102	107	103	86	99	98	105	91					
Sam	NL 620966803	Kvr Ricky		Reflector	Mascol			15	Nat	77	+90	+17	93	88	+1209	-0,67	-0,08	-16	+34	+98	+47	-39	70	+590	98	104	98	102	105	101	105	79	101	103	99	101					
Dek	DE 0358878741	Melfield		Chevalier	Balisto			13	Gna	79	+90	-8	19	86	-27	-0,14	-0,01	-15	-2	-54	-12	+70	85	+494	107	100	105	103	103	97	104	86	97	96	103	96					
ABS	US 3012178111	Coyne-Farms Eaves		Doorman	Dorcy			16	Int	77	+89	-1	29	89	+380	+0,12	+0,09	+28	+22	+179	+3	-17	70	-16	108	101	97	93	100	96	74	100	102	105	93						
Alt	US 3145230065	Peak Altaderrick		Altaflywheel	Silver			17	Nat	83	+89	+1	120	93	+84	+0,34	+0,13	+36	+15	+173	-21	+15	85	+18	95	104	107	102	100	105	102	64	96	99	105	100					
CRV	NL 684554460	Delta Liberate		Gigantix	Rush Hour Cd			16	Gna	95	+88	-1	4447	98	+580	+0,27	+0,31	+52	+51	+375	+5	-61	91	+118	93	93	102	101	97	102	109	99	104	103	102	109					
Sem	CA 13318838	Westcoast Rhapsody		Aura	Imax			17	Nat	75	+88	+6	29	83	+436	+0,20	+0,14	+38	+29	+239	-1	+7	79	+59	95	105	102	102	101	106	86	100	102	106	94						
Ves	NL 597119730	Poppe Ponale		Vh Bahrain	Penmanship			15	Gna	88	+88	+5	278	95	+662	+0,04	+0,10	+32	+33	+238	+7	+81	79	+163	103	99	102	100	100	105	96	92	92	96	95	96					
ABS	US 70625988	De-Su 11236 Balisto		Bookem	Watson			19	Nat	98	+88	-1	13449	99	+178	+0,24	+0,27	+31	+32	+231	+8	+72	99	+260	100	100	100	103	101	101	96	99	98	99	103	94					
Alt	US 3134199309	No-Fla Altawillie		Josuper	Midnight			16	Nat	83	+88	-5	90	90	+606	+0,13	+0,05	+39	+26	+229	+19	-16	81	+155	96	104	105	99	100	100	100	83	104	104	103	95					
WWS	US 3208782414	Kings-Ransom D Cadillac		King Doc	Kingboy			16	Nat	75	+88	-12	51	86	+1131	-0,09	-0,22	+40	+18	+197	-35	+21	81	+36	99	102	103	99	102	100	82	95	100	107	96						
Dek	FR 4242646974	Nuberon		Superhero	Silver			17	Gna	97	+88	+3	5106	99	-187	+0,54	+0,21	+43	+13	+185	-3	-7	96	+11	102	103	103	99	97	100	104	99	104	103	103	90					
CRV	NL 635684840	Delta Hastings	MW	E Profit	Ranger			16	Gna	86	+88	+1	200	93	-272	+0,42	+0,24	+28	+13	+140	+22	+16	83	+206	105	97	101	99	106	102	97	94	102	102	106	105					
Sem	CA 12189047	Stantons Adorable		Supershot	Mccutchen			18	Nat	97	+88	+4	8798	99	+333	-0,05	-0,02	+9	+10	+70	-1	-60	97	+141	100	104	100	98	105	105	107	99	105	105	110	101					
Ves	NL 593992757	Amsweer Pilzen		Altapilsner	Prince			13	Nat	82	+88	-3	175	92	+98	-0,28	-0,08	-23	-4	-86	-14	-2	74	+788	105	107	97	97	98	98	103	84	93	100	95	98					
Kam	NL 741522694	Beeze Red Hot Alroy		Bellroy	Salvatore Rc			16	Gna	86	+87	+6	225	94	+649	+0,19	+0,12	+47	+35	+292	+22	+49	78	+87	96	101	99	104	102	102	98	92	98	102	100	100					
CRV	NL 734970956	Delta Remedy		Abundant P Rf	Adorable			17	Gna	95	+87	+9	3497	98	-131	+0,26	+0,04	+19	-1	+53	+2	-44	89	+30	107	98	95	103	99	97	106	99	107	106	106	113					
STG	US 3132351503	St Gen 1st Grade Colby		1st Grade	Capital Gain			15	Nat	69	+87	-6	18	81	+761	-0,23	-0,33	-10	-6	+4	+1	+0	77	+285	107	103	101	99	107	98	64	98	100	109	95						
Tot	US 3202768460	Midax-Touch Jackpot		Tropic	Casper			16	Gna	77	+86	+3	25	85	+305	+0,13	+0,13	+26	+23	+177	-3	-64	74	-176	103	106	103	97	97	99	99	88	97	103	110	91					
Alt	DE 0666429996	Edg Altasantano		Shotglass	Shamrock			16	Nat	76	+86	-7	23	82	+1279	-0,39	-0,36	+15	+8	+79	+0	+33	81	+445	96	108	101	104	99	107	101	80	102	101	101	94					
Ves	IT 019991371230	Idevra Royal Geronimo		Supershot	Altaagency			16	Nat	82	+86	+9	64	91	+528	-0,28	-0,19	-5	-0	-15	+7	+43	75	+436	105	102	103	100	102	97	103	72	96	100	101	97					
Syn	NL 931432709	Bwn Danno Chief		Danno	Epic			17	Gna	97	+86	-3	4252	99	-390	+0,10	-0,02	-7	-16	-90	+0	-33	99	+371	108	104	105	100	101	98	103	99	99	99	100	103					
Adv	NL 943741794	Ground Lake Invictus Supply		Imax	Supershot			17	Gna	83	+85	+7	49	90	+1403	-0,31	-0,13	+29	+36	+242	+3	+100	84	-28	102	98	100	102	102	97	100	88	102	101	103	93					
CRV	NL 938401263	Buisweerd Mobile		G-Force	Bertil			13	Gna	98	+85	+5	15227	99	-756	+0,57	+0,27	+20	-2	+51	+0	+126	99	+113	111	101	101	102	99	100	97	91	99	97	96	95	99				
	US 3128792975	Co-Op Rb Bynt Alabi		Bayonet	Super				Nat	73	+85	-8	25	82	+1089	-0,46	-0,27	+0	+11	+47	+0	+56	80	+719	100	103	101	101	104	103	104	75	96	98	99	90					
K&L	DK 03388505909	Vh Blush Bradoc		Vh Blush	Bynke			11	Gna	79	+85	-5	21	87	-1576	+0,33	+0,31	-39	-28	-237	-8	+45	86	+603	107	107	104	103	96	100	104	88	97	96	101	101					
WWS	US 3131808314	Double-Eagle Bayon Deano		Bayonet	Tango			15	Int	82	+84	+6	42	90	+1630	-0,24	-0,19	+45	+38	+298	+6	+42	75	+175	94	102	99	99	102	100	86	97	100	102	94						
GGI	NL 734691569	Koepon Beatclub		Beatstick	Doorman			16	Gna	84	+83	-1	155	92	+679	+0,10	+0,05	+39	+29	+242	+2	+10	85	+231	99	96	103	104	98	102	103	90	99	100	103	99					
Kam	NL 935364071	Kik Divine		Supershot	Altaiota			16	Gna	93	+83	-2	609	98	+441	+0,12	+0,09	+31	+24	+196	+7	+47	91	+114	98	102	105	100	100	106	100	95	103	104	96	99					
Syn	FR 2939812989	Petton Pepsi	RF	Hotspot P	Louxor			15	Gna	89	+82	+7	250	96	+1377	-0,01	-0,01	+58	+48	+380	+4	+79	88	-7																	

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B							
Ai	Bull number	Bull name	Her-fact	Sire	MGS	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
GGI	DE 0816321782	Baku		Battlecry	Boss			16	Gna	79	+72	-5	21	86	-732	+0.04	-0.03	-28	-29	-209	+0	+28	84	+370	111	109	97	95	102	95	98	87	89	92	105	96					
Ves	IT 017991512628	Mirabell Sound System		Silver	Supersire			17	Nat	94	+71	-8	1090	99	+1468	-0.11	-0.17	+52	+34	+302	-15	+8	93	+95	97	101	99	95	103	109	95	99	97	102	104	94					
GGI	DK 02468004935	Charles		Dg Charley	Silver			16	Gna	82	+71	+9	26	88	+1511	-0.42	-0.15	+22	+38	+229	-3	+44	85	+77	96	101	103	100	103	103	98	90	96	98	104	96					
Bov	CA 120461044	Comestar Loyall		Alligator	Unix			16	Nat	68	+71	+23	32	79	+78	-0.16	-0.07	-12	-4	-53	+58	-2	65	+94	105	106	101	97	99	91	87	101	99	108	99						
Sam	NL 759904026	Ribbs Skik		Saul Hudson	Startrek			14	Nat	85	+71	-30	384	93	-934	+0.31	+0.29	-12	-7	-66	-30	-14	78	+547	106	104	100	96	96	92	101	93	104	101	99	99					
Dek	FR 5455638891	Requin De La Pierre		Gitar	Helix			16	Gna	79	+70	-22	62	87	+888	+0.20	-0.02	+58	+29	+299	-13	-87	74	-92	98	98	107	101	100	100	102	88	104	106	105	98					
Kam	NL 687591167	Peeldijker Jobson	LR	Job	Reflector			15	Gna	91	+70	+18	543	97	+445	-0.07	+0.02	+12	+18	+113	+11	+24	83	+265	100	98	98	97	98	105	103	95	101	100	105	103					
Alt	US 73163134	No-Fla Shock 80844		Tranquility Ac	Erdman			13	Nat	80	+70	-6	26	83	+689	-0.47	-0.29	-17	-4	-68	-4	+43	81	+682	102	108	103	101	101	107	96	82	96	97	100	91					
WWS	US 3128769256	T-Spruce Suprsht Wiggins		Supershot	Galaxy			17	Nat	88	+69	+7	188	95	+1788	-0.57	-0.05	+17	+58	+300	-3	+4	80	+67	94	99	103	98	103	104	101	91	101	104	104	96					
	DE 0358671524	Raceway		Racing	Commander			Gna		77	+69	+10	19	85	+820	+0.01	-0.17	+36	+12	+160	+15	+66	78	+120	93	101	103	98	106	106	103	85	96	98	107	99					
SZO	CA 12687225	Vogue Letsgo		Applicable	Powerball P			17	Int	81	+69	+9	28	90	+404	-0.15	-0.01	+3	+13	+65	-16	-81	80	+386	105	103	99	97	100	95	98	88	105	106	108	94					
Sem	CA 13304125	Walnutlawn Brayden P Rc	PO RF	Coomboona Zi	Willsbro Abbott			15	Nat	77	+69	-6	91	90	+800	-0.29	-0.37	+6	-9	-21	+0	+50	71	+276	101	107	99	103	100	101	83	90	97	109	91						
WWS	US 3132417775	Woodcrest King Doc		Kingbow	Mack			16	Nat	96	+68	+3	2757	99	+1376	-0.23	-0.18	+36	+30	+237	+0	+4	97	+7	96	103	100	98	98	101	97	99	96	99	106	96					
Gex	US 3138510972	Blumenfeld Gdanc Rory		Gatedancer	Rubicon			15	Nat	80	+68	+6	33	85	+542	+0.25	-0.01	+48	+18	+221	+11	+96	83	+149	100	99	105	102	106	100	94	87	96	97	101	91					
OBS	DE 0358660547	Sinus		Silver	Bedford			16	Gna	85	+68	-2	95	93	+1345	-0.27	-0.24	+30	+23	+189	+3	+86	87	+65	98	99	98	99	99	102	98	90	92	97	109	97					
Syn	DE 0358388697	Kingsley		Kingpin	Mogul			16	Gna	82	+68	-10	28	89	-494	+0.65	+0.18	+39	-1	+113	+3	+29	88	+304	105	98	99	98	106	101	98	88	95	100	105	95					
ABS	UK 56098970246	Netherside Equinox		Silver	Massey			16	Nat	71	+68	-1	19	80	+223	+0.02	-0.02	+12	+6	+62	+0	-4	68	+134	105	103	101	100	100	101	96	78	99	101	105	97					
CRV	NL 676012246	Delta Lunar	MW	Chuck	Pepe			16	Gna	98	+67	-2	23257	99	+342	+0.32	+0.09	+46	+21	+228	+7	+50	99	+147	96	97	100	103	103	96	103	99	103	104	106	97					
WWS	US 3143986722	Siemens Exc Hanans 31753		Excalibur	King Doc			17	Nat	88	+67	-9	239	95	-188	+0.49	+0.20	+38	+12	+166	+5	-45	89	+4	103	101	104	97	101	104	96	94	91	101	110	94					
SZO	IT 019991363560	Garioti Ryl Vanhalen		Montross	Mccutchen			16	Int	78	+67	+0	30	92	+951	-0.28	-0.18	+13	+15	+104	-1	+32	82	+411	101	98	103	102	98	103	87	100	99	106	95						
CRV	NL 694388754	Skalsumer Pilates		Jetset	Danno			15	Gna	97	+66	-9	4491	99	+211	+0.20	+0.13	+28	+20	+170	+0	+33	97	+147	106	91	99	101	91	101	103	99	102	103	101	104					
CRV	NL 661726969	Double W Rotary		Galore	Snowfever Cd			16	Gna	96	+66	+10	1092	99	+1190	-0.45	-0.15	+5	+27	+131	+7	+6	95	+301	103	97	95	100	98	102	101	99	99	102	102	103					
	DE 0357810874	Hellas	LR	Heffner	Balisto			Gna		79	+65	-6	21	86	+63	-0.08	+0.11	-5	+13	+41	+0	-9	80	+310	108	99	99	100	102	101	99	87	101	102	105	96					
Sam	NL 731915118	Erfgooyer Dirk P	PO RF	Dubai Pp	Handy P Rf			13	Nat	76	+64	-38	64	86	+1030	-0.18	-0.06	+26	+30	+207	-25	+25	70	+157	96	101	103	100	101	101	101	83	103	101	94	100					
CRV	NL 656787711	L W Crescendo		Stellando Rf	Planet			13	Gna	97	+64	+4	2861	99	+889	-0.10	-0.13	+28	+18	+161	+7	+97	97	+121	93	104	105	104	97	105	100	99	99	99	96	97					
Syn	DE 0356948488	Beatstick		Balisto	Gold Chip			17	Gna	91	+64	+5	218	97	+407	-0.24	-0.11	-6	+4	-1	+0	+21	93	+511	106	97	104	101	101	103	100	93	99	99	101	100					
CRV	NL 942139549	Weinterper Zodiac	LR	Leverage	Ranger			16	Gna	96	+63	+10	5559	99	-247	+0.39	+0.33	+26	+22	+173	-9	+22	92	+154	101	98	92	107	105	95	101	99	103	100	101	104					
Tot	NL 583325424	Ockema Cashcoin Koning		Cashcoin	Altaiota			15	Gna	80	+63	-3	18	87	+193	+0.05	+0.00	+13	+7	+69	+3	+45	86	+71	101	103	102	102	102	102	101	87	101	103	103	95					
Sem	CA 12608974	Progenesis Diabolo	CD	Willsbro Abbott	Bomboro			16	Int	74	+61	+13	23	87	+490	+0.07	-0.03	+28	+14	+144	-6	+31	69	+78	103	101	99	101	103	100	76	90	99	107	87						
Alt	US 3207410295	Matcrest Altaailed		Altahotjob	Pine-Tree Burle			16	Nat	90	+60	-11	389	96	+898	+0.15	-0.07	+54	+25	+270	-14	+17	90	+3	94	101	102	101	99	109	101	91	98	103	107	90					
Kam	NL 936200505	Vandenberg Sneaker		Chuck	Borussia			16	Gna	96	+60	-9	1816	99	+132	+0.23	+0.13	+16	+8	+82	+3	+52	95	+224	98	100	104	102	108	101	105	98	99	101	102	96					
LIV	CA 12189058	Stantons Miss Joplin		Missouri	Mccutchen			16	Nat	76	+60	+0	26	83	+1572	-0.61	-0.44	+4	+10	+55	+7	+25	72	+140	104	102	103	99	96	99	96	90	93	99	105	95					
CRV	NL 875952040	Bouw Final		Danno	Epic			18	Gna	98	+60	-2	11731	99	+504	-0.27	-0.14	-5	+4	+2	+0	+16	99	+183	105	100	102	102	103	98	101	99	96	101	99	104					
Syn	DE 0770405805	Battleship		Battlecry	Anton			15	Gna	80	+59	+5	22	87	+114	+0.17	+0.03	+21	+7	+93	-7	+50	86	+319	102	99	98	96	101	100	95	87	97	100	105	100					
Ves	NL 623631036	Double V 3103 Rimini		Vh Bahrain	Snowfever Cd			16	Gna 2n	95	+59	+8	1701	99	+152	-0.14	+0.18	-7	+23	+78	+10	-8	92	+284	98	99	102	106	102	106	101	97	98	102	101	110					
CRV	NL 660160281	Delta Lustrum		Topgear	Let It Snow			15	Gna	97	+59	+2	7176	99	+147	-0.18	+0.09	-11	+14	+27	+																				

Inet = 3,0*kg vet + 4,3*kg eiwit

NVImelkdoel = 0,32*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,23*BVK

NVIdubbeldoel = 0,285*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	tschaj B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	kgV	kgE	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B							
Ai	Bull number	Bull name	Her-fact	Sire	MGs	Kinshij	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	kgF	kgP	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L						
Melkdoel Zwart										pnt	Productie										€	Functioneel										Exterieur									
CRV	NL 751519714	Apina Malcolm	RF	Stellando Rf	Ramos	14	Gna		97	+47	+4	5993	99	+1032	-0,26	-0,08	+18	+28	+174	+7	+81	99	-27	98	97	105	99	98	97	100	99	95	99	90	106						
CRV	NL 661726440	Double W Rodeo		Regard	Snowfever Cd	16	Gna		96	+47	+7	3405	99	+164	+0,18	+0,04	+24	+10	+115	+7	+8	96	+38	103	97	102	103	100	98	97	99	100	104	102	104						
ABS	US 3128557283	Ing Abs Jericho Et		Josuper	Mogul	16	Nat		96	+47	+5	1958	99	+326	+0,06	-0,01	+20	+11	+107	+0	-15	97	+6	99	103	101	100	109	107	100	98	103	105	101	99						
CRV	BE 412323882	Newhouse Jorben		Vitesse	Epic	14	Gna		97	+46	+2	2197	99	+188	+0,22	+0,05	+29	+11	+134	+3	-68	97	-98	104	99	99	100	94	95	104	99	103	105	105	96						
STG	US 72436822	Edg Ransom Lucent 8275		Ransom	Snowman	16	Nat		96	+45	-4	3120	99	+573	-0,16	+0,00	+9	+20	+113	+4	+7	97	+204	97	102	104	102	102	100	101	99	103	102	99	95						
CRV	NL 888659628	Delta Bookem Danno		Bookem	Bolton	18	Gna		98	+45	+0	33338	99	+570	-0,35	-0,14	-10	+6	-4	+3	-7	99	-121	104	102	105	99	98	95	100	99	99	102	98	106						
CRV	US 3128769111	Peak Chuck		Supershot	Ransom	17	Gna		98	+45	-4	6105	99	+156	-0,24	-0,07	-16	-1	-52	+3	+64	99	+277	97	104	104	102	105	97	105	99	103	104	104	95						
Sam	NL 752535139	Hoekland Bono		Bookem	Twist	15	Nat		95	+43	+3	1792	99	-239	+0,10	+0,03	-1	-6	-29	-3	+94	94	+290	96	104	105	101	99	103	102	97	94	93	94	101						
Kam	NL 725547400	De Pettershoeve Full Pull		Mangrove	G-Force	13	Gna		86	+43	-5	123	94	-200	-0,14	+0,07	-22	+0	-66	-7	-21	78	+276	108	102	99	103	101	93	96	89	104	102	101	102						
CRV	NL 735712436	Delta Jukebox P	PO	Barclay	Powerplay Pp C	16	Gna		95	+42	+17	1091	99	-454	+0,49	+0,20	+26	+3	+91	+10	+30	93	-99	100	98	99	105	103	98	101	99	104	104	105	106						
Alt	NL 949033666	Westenrade Altaspring		Mogul	Gerard	16	Nat		96	+39	-2	2701	99	+868	-0,05	-0,11	+32	+20	+182	-4	+16	99	+77	94	100	100	97	93	102	100	99	105	103	105	98						
WWS	US 3014562172	Sandy-Valley Copycat-Tw		Jedi	Jacey	16	Nat		91	+38	-6	306	96	+660	+0,09	-0,08	+37	+15	+176	-17	-15	90	+116	100	101	105	99	105	98	94	93	101	101	103	89						
WWS	CA 11591480	Delaberger Pepper		Mogul	Planet	17	Nat		96	+38	-2	3108	99	-580	+0,42	+0,13	+14	-8	+8	+3	-30	97	+108	103	101	102	102	105	100	98	99	103	107	107	80						
Sem	CA 107559777	Swissbec Brekem	RF	Bookem	Man-O-Man	16	Nat		97	+38	+0	11866	99	-235	+0,09	+0,10	-2	+1	-2	+4	+41	99	+99	98	106	99	100	104	100	99	100	102	101	99							
Tot	NL 747280806	Dg Dv Caelum		Supershot	Mogul	17	Nat		84	+37	-2	86	93	+503	-0,03	-0,05	+19	+13	+113	+0	-12	87	+576	98	97	95	98	101	95	104	74	105	104	101	96						
Ves	NL 587576684	Farmers Wish Big Deal		Spell	Jorryn	10	Nat		94	+37	+0	1024	99	-596	+0,15	+0,09	-12	-13	-92	+10	+76	95	+247	104	102	97	94	97	103	95	90	97	97	100							
CRV	NL 661726527	Double W Ranger		Reflector	Snowfever Cd	20	Gna		98	+36	+12	60227	99	-73	+0,36	+0,12	+31	+9	+132	+3	-17	99	-86	94	99	99	101	106	110	102	99	106	102	106	111						
Dek	FR 0802065846	Joik		Brekem	Epic	16	Gna		87	+36	+16	97	94	-483	+0,32	+0,26	+9	+7	+57	+7	-64	88	-56	103	102	102	100	103	95	102	90	103	103	101	98						
Sam	NL 593373868	Dv Magician	RF	Magister	Supershot	14	Nat		88	+36	-17	262	96	+853	-0,40	-0,18	-3	+12	+43	-17	-9	81	-11	98	106	104	103	101	104	95	90	102	103	102	100						
GGI	DE 0537611409	Guard		Guarini	Leif	13	Gna		97	+36	+0	5790	99	-419	+0,18	+0,23	-1	+7	+27	+4	+149	99	+41	99	100	101	96	96	99	102	99	94	92	99	96						
Tot	DE 0770753339	Dg Nh Arrow		King Doc	Monterey	16	Gna		88	+34	+4	204	95	+306	-0,06	-0,12	+7	-1	+17	+5	-76	89	+239	101	103	100	96	98	102	98	94	102	104	110	96						
WWS	US 3139198083	Cookiecutter Highlite		Copycat	Mr Mogul Delta	16	Nat		92	+32	-10	505	98	+565	+0,10	-0,18	+34	+2	+11	-17	+62	91	+47	103	102	101	96	99	105	94	95	94	97	104	83						
CRV	NL 599978140	Delta Conan		Commander	Sterngold	15	Gna		96	+32	+1	4046	99	-20	+0,15	+0,17	+13	+16	+108	-1	-24	96	+56	100	94	102	102	102	103	102	99	98	102	103	109						
ABS	US 58591942	Larcrest Commander		Mogul	Observer	17	Nat		97	+30	-4	2019	99	+913	-0,13	-0,09	+26	+23	+177	+3	-42	99	-92	96	97	100	96	105	107	103	99	93	99	104	98						
WWS	US 3123885981	S-S-I Tetris Vertex		S-S-I Supersire	Mccutchen	16	Int		82	+29	+9	69	91	+1313	-0,44	-0,53	+12	-8	-2	+27	+37	74	+143	100	101	104	101	102	103	85	100	102	105	94							
AWE	DE 0538538554	Brentano		Balisto	Sudan	16	Gna		97	+29	-1	3176	99	-431	+0,10	+0,04	-9	-11	-74	+0	+56	99	+291	106	99	99	102	101	108	101	99	102	102	102	95						
Sam	NL 937021743	Batenburg Jacques		Jacobus	Guard	12	Nat		89	+28	+5	525	96	-742	+0,66	+0,15	+29	-12	+35	+7	-19	82	+236	99	103	91	96	100	97	101	94	95	103	104	99						
GGI	NL 940147494	Molenkamp Bolt	RF	Bookem	Spencer	13	Gna		97	+28	+2	2271	99	+31	-0,14	+0,04	-12	+5	-13	+3	+124	97	-187	104	102	101	98	108	99	96	99	98	108	101	96						
CRV	US 3129128855	Peak Hotline		Altahtotrod	Mogul	16	Gna		96	+26	+1	3043	99	+837	+0,28	+0,02	+64	+32	+330	+3	+3	97	-479	96	96	101	101	94	104	94	99	95	101	105	103						
Adv	NL 895144845	Willie Rolex		Rubicon	Snowman	17	Gna		84	+26	+3	78	92	+496	-0,10	-0,17	+12	+1	+40	-8	+33	85	+111	99	99	102	98	103	100	100	91	107	106	103	100						
Ves	NL 932421854	Weggehorster Disclosure		Maik	Ramos	13	Nat		97	+26	+0	6856	99	-352	-0,05	-0,20	-20	-31	-193	+0	+47	99	+311	107	107	105	103	89	100	100	99	93	95	92	91						
Sem	US 3234629819	Mb-Luckydady Bullseye		Delta-Lambda	Unix	16	Nat		81	+25	+3	101	89	+1049	-0,13	-0,27	+32	+10	+139	+0	+3	82	+31	99	98	98	99	101	99	99	90	97	102	108	95						
Kam	NL 759464722	Katershorst Job	LR	Jorben	Bookem	15	Gna		95	+24	-2	892	99	-56	+0,14	+0,19	+11	+16	+102	-4	-6	92	-250	103	99	99	97	96	96	102	97	104	104	102	97						
Kam	NL 622923033	Newhouse Racoon		Magister	Platinum	16	Gna		88	+24	-2	136	95	+342	+0,06	-0,05	+21	+7	+93	+3	-39	83	+15	103	103	94	97	99	102	95	89	108	106	103	95						
CRV	NL 925887513	Bouw Rocky	LR	Shamrock	Goli	16	Gna		98	+24	+1	23751	99	-481	+0,05	+0,03	-16	-14	-108	+0	-88	99	+400	108	100	105	98	99	100	100	99	102	105	101	98						
ABS	US 71813206	De-Su 11620 Nirvana		Mogul	Planet	17	Nat	</																																	