

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 genomisch zonder dochters

April 2019

Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B	Bt NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgP	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext		
Ai Bull number	Bull name	Her-fa Sire	MGS	S	Rel NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart				Productie													€		Functioneel													Exterieur			
				pnt																															
CRV	NL 738287780	Weelder Esperanto	Final	G-Force	Gfw	65	+422	+32	0	65	+2221	-0,11	-0,03	+0,00	+82	+74	+101	+506	+42	-16	57	+824	105	105	106	106	104	101	108	74	99	106	113	113	114
CRV	NL 743430180	Delta Bonjour	Sidekick	Guard	Gfw	61	+420	+20	0	62	+1284	-0,11	+0,09	+0,04	+66	+54	+63	+379	+16	+1	52	+938	110	112	110	102	102	97	104	72	97	101	113	105	109
CRV	NL 665667174	Delta Floris	Empire	Reflector	Gfw	58	+408	+26	0	62	+1047	+0,43	+0,15	+0,05	+87	+51	+53	+408	+2	-9	51	+1011	106	106	108	107	105	100	107	71	104	103	113	112	115
CRV	NL 729539557	Weelder Empire	Bravo	G-Force	Gfw	65	+398	+40	0	65	+846	+0,53	+0,26	-0,03	+87	+55	+36	+419	+14	+3	56	+1000	109	105	107	110	104	96	106	74	97	101	108	109	108
FR	2238143890	Nevermind	Jett	La-Bron	Gfw	63	+393	+33	0	64	+1944	-0,11	-0,09	+0,20	+71	+58	+110	+420	-10	+41	52	+948	106	107	112	105	103	102	105	72	99	99	112	103	108
CRV	NL 565113832	Velder Starmaker	Adorable	Mobile	Gfw	61	+391	n	0	62	+758	+0,41	+0,21	-0,07	+71	+46	+28	+346	n	-11	53	+819	110	109	109	103	106	96	107	72	98	105	112	108	111
CRV	NL 865710894	Midwilder Martin	Adorable	Penley	Gfw	61	+390	+33	0	62	+2436	-0,13	-0,03	+0,00	+87	+82	+111	+552	+26	-30	51	+779	105	104	104	101	106	102	106	71	102	105	113	105	111
NL	710202671	Delta Recruiter	Magister	Balisto	Gfw	58	+390	-17	0	62	+1565	+0,13	+0,23	-0,01	+80	+78	+70	+509	-56	+33	52	+826	107	105	105	108	104	101	104	71	97	102	108	104	106
DK	259600	Charles	Dg Charley	Silver	Gfw	61	+389	+22	0	61	+2611	-0,19	-0,13	-0,02	+89	+76	+117	+534	+24	-7	52	+828	107	103	106	101	109	103	105	71	103	106	111	104	110
OBS	DE 0360175040	Royce	Roxy B	Supershot	IGfw	65	+387	+27	0	71	+1848	-0,14	-0,14	+0,11	+64	+50	+95	+368	-13	+52	52	+988	108	107	105	105	106	101	105	71	92	99	117	104	109
CRV	NL 562601846	Delta Marco	Esperanto	Rafter P Rf	Gfw	57	+385	+28	0	61	+214	+0,80	+0,38	+0,01	+81	+42	+11	+346	+24	-15	51	+686	107	111	107	113	102	92	109	71	94	104	111	110	110
CRV	NL 731719510	Willem's-Hoeve Rapper	Esperanto	Jetset	Gfw	58	+383	+1	0	62	+1951	+0,16	+0,00	+0,04	+100	+68	+93	+517	-1	-57	51	+723	107	104	106	104	104	99	107	71	103	108	110	107	111
CRV	NL 667323913	Newhouse Jayvano	Esperanto	Penley	Gfw	58	+382	n	0	62	+1823	-0,14	+0,15	+0,02	+63	+79	+85	+482	n	-32	51	+741	107	106	105	106	101	99	104	71	102	105	110	108	111
CA	13025326	Glenhawn Saturn	Sonic	Barley	Gfw	57	+381	n	0	61	+2070	+0,30	-0,05	+0,01	+121	+67	+95	+557	n	-15	50	+628	107	103	102	103	104	104	70	96	105	115	105	110	
CRV	NL 870509524	Delta Builder P	Esperanto	Powerball P	Gfw	61	+381	+30	0	62	+1428	+0,35	+0,17	+0,05	+96	+67	+70	+497	+32	-44	51	+731	105	106	106	107	102	100	107	71	99	106	112	106	110
CRV	NL 885570953	Delta Jens	Rush Hour Cd	Reflector	Gfw	57	+379	n	0	61	+1672	-0,15	-0,01	+0,11	+55	+57	+88	+376	n	-60	51	+966	109	105	107	107	101	97	105	71	101	106	116	110	115
Tot	NL 626251510	Dg Eagle	Imax	Montross	Gfw	61	+378	+24	0	61	+2357	+0,08	-0,06	-0,03	+109	+76	+104	+572	+28	+26	51	+659	104	106	106	103	105	100	102	71	101	102	110	100	106
Tot	CA 12610944	Alexerin Charm	Dg Charley	Altasprij	Gfw	61	+378	+21	0	61	+2282	-0,08	+0,00	+0,02	+88	+80	+106	+545	+5	-39	51	+711	108	106	110	106	105	99	105	71	100	106	103	100	102
STG	US 3139405997	Oed Charley Ranger	Dg Charley	Rubicon	IGfw	60	+377	+18	0	66	+1987	-0,28	-0,13	+0,00	+54	+55	+90	+366	+19	-10	47	+947	111	107	111	107	105	100	72	98	105	111	106	109	
CRV	NL 661726527	Double W Ranger	Reflector	Snowfever Cd	Gfw	65	+376	+26	0	65	+1334	+0,36	+0,16	+0,03	+93	+63	+64	+473	+4	-26	57	+681	105	104	105	104	107	104	74	106	104	115	112	117	
CRV	NL 946221484	Delta Treasure	Finder	G-Fonce	Gfw	64	+376	+11	0	65	+1089	-0,11	-0,02	+0,04	+57	+36	+54	+284	-9	-9	54	+892	108	111	110	104	102	101	104	74	101	106	116	108	114
DK	259980	Vh Hedlund Charley Crown	Dg Charley	Silver	Gfw	61	+374	+48	0	61	+2060	-0,01	-0,07	+0,07	+87	+64	+102	+476	+78	+33	52	+740	107	104	107	101	104	105	103	71	100	101	111	105	109
CRV	NL 660331546	Lowlands Mangrove	Magister	Bolli Rf	Gfw	61	+374	-2	0	62	+1383	+0,10	+0,15	-0,02	+69	+63	+61	+422	-17	-36	52	+811	110	107	106	105	105	96	105	71	103	103	104	108	108
NL	891026765	Delta Rescue	Concert	Balti Rf	Gfw	59	+373	+35	0	63	+1666	+0,34	+0,27	-0,06	+106	+86	+70	+596	+22	+49	53	+597	107	104	99	101	97	96	103	72	100	99	100	103	101
DE	1261455133	Marea Quickly	Maltinus	Missouri	Gfw	57	+373	n	0	61	+3012	-0,43	-0,11	+0,04	+77	+92	+142	+582	n	-26	50	+761	105	102	102	98	101	98	103	70	98	100	108	103	106
CRV	NL 665198319	Double W Rush Hour	Final	Snowfever Cd	Gfw	65	+373	+16	0	65	+1696	+0,11	+0,14	+0,03	+84	+74	+80	+504	+9	-54	57	+661	109	101	108	109	100	94	104	74	105	107	108	112	113
Tot	DE 0538920253	Dg Charley	Supershot	Mogul	Gfw	66	+373	+33	0	65	+2313	-0,27	-0,12	+0,00	+68	+67	+106	+449	+31	+11	58	+764	108	106	108	106	105	101	104	79	99	103	108	104	107
DE	671732952	De Leenhorst E-Profijt	Magister	Danno	Gfw	62	+371	+7	0	62	+838	+0,51	+0,40	-0,12	+85	+68	+27	+465	-25	+14	53	+686	107	105	106	105	102	96	105	71	103	105	105	108	109
CRV	DE 0540050628	Gymnast Genial Et	Gymnast	Cinema	Gfw	57	+369	+36	0	61	+3311	-0,38	-0,16	+0,00	+95	+96	+151	+638	+21	+19	50	+684	106	98	101	97	91	103	71	100	103	114	101	108	
CRV	NL 613944582	Delta Longbow	Barrage	Rafter P Rf	Gfw	57	+369	n	0	61	+1672	+0,23	+0,17	-0,01	+95	+76	+75	+534	n	-40	51	+820	105	104	102	102	98	101	108	71	99	105	104	105	105
CRV	NL 687206696	Delta Concert	Crescendo	G-Force	Gfw	63	+369	+28	0	66	+2201	-0,12	+0,02	+0,01	+80	+79	+101	+522	-17	-21	58	+659	105	105	104	103	102	98	103	74	102	105	106	106	108
NL	734345503	K&I Poppe Goal	Adorable	Cinema	Gfw	61	+369	+21	0	62	+2351	-0,17	-0,13	+0,01	+81	+68	+108	+481	+24	-72	51	+772	108	103	104	99	102	105	105	71	100	105	118	106	113
WWS	US 3142352969	S-S-1 Pr Frazld Firebird	Frazled	Mary	IGfw	51	+369	+19	0	57	+2152	-0,12	-0,06	+0,00	+78	+69	+98	+476	+19	-75	37	+1001	111	105	110	100	99	99	63	105	105	108	100	106	
CRV	NL 562602414	Delta Joskin P	Handy P Rf	Silver	Gfw	58	+369	n	0	62	+1889	-0,13	-0,05	+0,06	+67	+61	+93	+419	n	-13	53	+860	105	106	107	102	102	105	106	71	99	106	114	105	111
CRV	NL 684617275	Delta Beacher	Esperanto	Vh Skepparg Arc	Gfw	60	+368	+15	0	61	+1710	-0,07	+0,04	+0,00	+65	+64	+78	+422	+15	-48	51	+805	107	105	102	104</									

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

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

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Ki Stiernummer	Stiernaam	Erf-fa Vader	M-vader	B	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgF	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext		
Ai Bull number	Bull name	Her-fa Sire	MGS	S	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgV	kgF	Kgl	INET	+/-	SFCM	Rel	Lvd	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart		Productie																	€		Functioneel										Exterieur					
		pnt																																		
Tot	CA 12719163	Progenesis Charley Peter	Dg Charley	Silver	GfW	61	+358	+28	0	61	+2490	-0,45	-0,12	+0,06	+55	+73	+120	+449	+6	-31	51	+709	105	106	106	101	105	105	104	71	103	106	113	106	112	
Tot	DE 0539063892	Wildier Hong	Superhero	Powerball P	GfW	58	+358	+11	0	62	+2252	-0,25	-0,10	+0,01	+68	+67	+104	+441	-10	-19	51	+778	108	106	105	100	101	104	104	71	102	106	116	99	109	
	DE 0360574938	Youngster	Yoyo	Afborumer	GfW	56	+357	+1	0	61	+1652	+0,22	+0,17	+0,01	+93	+75	+76	+526	n	-4	49	+750	107	103	103	103	103	102	69	102	106	111	98	106		
	DE 0122835701	Sh Sagun	Sharpe	Bolaro	GfW	57	+357	n	0	61	+1107	+0,40	+0,17	+0,09	+87	+55	+59	+426	n	+43	50	+681	106	107	103	101	100	101	70	97	104	117	103	110		
	DE 0360848342	Savell	Sharpe	Missouri	GfW	60	+356	+114	0	61	+2032	+0,17	+0,07	+0,04	+105	+78	+97	+569	####	+45	51	+566	102	101	104	100	102	96	103	71	102	104	113	105	111	
	US 1313120630	S-S-I Bg Superhro Deluxe-Et	Superhero	Troy	IGfW	59	+356	+37	0	66	+1727	-0,11	-0,04	+0,00	+62	+56	+78	+383	+27	-40	47	+1032	110	106	106	101	108	102	70	103	106	111	104	110		
	US 1342352977	S-S-I Pr Charley Derek-Et	Dg Charley	AltaIstclass	IGfW	59	+356	+23	0	65	+1694	-0,09	-0,04	+0,00	+63	+55	+77	+381	+27	-16	47	+926	111	107	107	105	106	100	70	100	104	112	101	107		
	DK 259811	Vh River Ramsey	Vh River	Penley	GfW	60	+356	+30	0	61	+1392	-0,03	+0,04	+0,04	+56	+53	+68	+355	+29	+13	50	+814	107	108	104	106	103	97	105	71	103	104	109	107	110	
	DE 0360914779	Mh Mezzo	Mr Puma	Powerball P	GfW	57	+355	n	0	61	+2526	-0,23	-0,07	+0,02	+81	+90	+116	+533	n	+13	51	+780	108	100	102	99	104	95	101	71	101	105	113	101	108	
	US 3145627213	Denovo 14539 Harmony-Et	Dg Charley	Woodcrest Mog	IGfW	50	+355	+12	0	56	+2381	-0,01	-0,12	+0,00	+100	+70	+108	+529	+19	+26	37	+735	105	103	110	104	104	104	63	96	103	106	102	103		
	FR 4242715459	Nairway	Louxor	Commander	GfW	57	+355	+18	0	61	+1614	+0,01	+0,11	+0,01	+70	+68	+75	+448	+7	+8	50	+757	107	103	106	102	103	94	104	71	99	103	114	104	110	
CRV	NL 732546041	Delta Janick	Jupiler	Bolt Rf	GfW	58	+355	+7	0	62	+1171	+0,18	+0,11	-0,05	+68	+52	+48	+370	+4	-30	52	+607	109	108	106	104	100	98	107	71	104	105	110	107	111	
	FR 7261295251	Nacash	Superhero	Rubicon	GfW	58	+354	+38	0	62	+1103	+0,51	+0,22	+0,10	+97	+60	+60	+468	+14	-19	51	+611	105	109	104	101	102	99	103	71	100	107	111	102	108	
	US 3145627226	Denovo Charley 14552-Et	Dg Charley	Woodcrest Mog	IGfW	50	+354	+11	0	56	+1871	+0,06	-0,02	+0,00	+86	+63	+85	+464	+19	-15	37	+776	106	105	109	104	102	102	63	100	104	109	105	108		
	DE 0540402310	Col Greenwich	Gymnast	Shep	GfW	60	+354	+39	0	61	+1592	+0,13	+0,09	+0,08	+81	+65	+81	+461	+13	+24	50	+653	106	107	102	104	100	95	102	70	97	101	111	103	107	
CRV	US 3147840216	Peak Remington	Altareserve	Altaspring	GfW	57	+354	n	0	61	+1592	+0,11	+0,10	+0,02	+79	+66	+75	+459	n	-69	50	+704	104	107	106	103	103	105	71	106	108	114	105	113		
CRV	NL 889152469	Delta Abundant P	Ranger	Fun P	GfW	58	+354	n	0	62	+1704	+0,00	+0,01	+0,14	+73	+60	+92	+427	n	-56	51	+657	109	104	106	100	105	102	99	103	71	106	105	116	111	117
	US 74345956	Hurtgenia Richard Charl	Dg Charley	Woodcrest Mog	IGfW	57	+353	+3	0	63	+2033	+0,01	-0,18	+0,00	+88	+51	+92	+422	+10	+45	45	+799	107	106	110	107	104	106	69	96	101	110	101	105		
CRV	US 3145229839	Peak Hazard	Bandaes	Rubicon	GfW	63	+353	+32	0	63	+1651	-0,03	+0,00	+0,09	+67	+58	+85	+404	-16	+5	50	+870	108	105	108	106	106	101	103	71	102	103	112	102	108	
CRV	NL 673916736	Lowlands Greenport	Leonardo	Danno	GfW	58	+353	n	0	62	+886	+0,49	+0,22	+0,00	+85	+52	+40	+404	n	-5	52	+648	107	107	107	100	103	97	103	71	107	106	108	108	111	
Mas	NL 872871665	Summerlake	Dg Charley	Balisto	GfW	63	+352	+44	0	63	+1755	+0,37	+0,02	+0,03	+114	+63	+83	+523	+43	-32	53	+664	107	103	106	106	104	97	106	72	101	105	106	102	105	
WWS	US 3141559586	De-Su Frazzld Rome 14192	Frazzled	Woodcrest Mog	IGfW	51	+352	+22	0	57	+1449	+0,36	+0,03	+0,00	+98	+54	+66	+447	+19	+19	38	+891	109	105	109	102	102	102	63	98	102	106	99	102		
	DE 0953362740	Schurer Hammon 62740	Modesty	Supershot	GfW	63	+352	+30	0	64	+1493	+0,18	+0,05	+0,01	+82	+57	+69	+427	+16	+71	51	+651	104	106	109	104	103	105	104	72	97	100	112	102	107	
Sem	CA 12857690	Pine-Tree-I Pursuit	Profit	Imax	IGfW	59	+352	+3	0	65	+1573	-0,04	-0,06	+0,00	+63	+49	+71	+355	+27	-22	46	+1037	108	107	109	101	106	108	70	102	104	111	104	109		
Alt	US 3147224052	Peak Altapeal	Quantum	Altaspring	IGfW	50	+351	n	0	56	+1262	+0,09	+0,16	+0,00	+63	+60	+57	+395	n	-32	38	+980	111	106	107	109	100	100	63	101	105	113	99	107		
CRV	NL 671125486	Delta Reloadar	Finder	G-Force	GfW	64	+351	-15	0	65	+1708	-0,06	-0,07	+0,10	+66	+52	+88	+378	-80	+5	54	+976	106	105	108	106	103	98	104	74	103	106	110	109	112	
	DE 0539675097	Notify	Jedi	Powerball P	GfW	61	+350	-1	0	64	+2225	-0,22	+0,04	+0,07	+70	+82	+109	+516	+11	-43	52	+717	105	104	109	99	106	105	103	73	101	104	117	98	109	
ABS	US 3142332706	Pine-Tree Durable	Dg Charley	Woodcrest Mog	IGfW	59	+350	+7	0	66	+1749	+0,02	+0,07	+0,00	+77	+68	+79	+464	+11	+45	46	+664	103	107	109	105	108	106	70	97	100	109	103	105		
OBS	DE 0360385508	Suprem	Superhero	Missouri	GfW	61	+349	+8	0	62	+3337	-0,41	-0,16	+0,12	+92	+97	+167	+641	+10	-25	51	+531	104	104	103	99	105	101	101	71	103	107	106	98	104	
	NL 699059103	Hul-Stein Party Time	Imax	Profit	IGfW	56	+349	n	0	62	+1617	+0,27	+0,05	+0,00	+97	+62	+73	+480	n	+24	41	+849	108	103	106	105	102	102	67	97	104	107	101	104		
CRV	NL 629528835	Delta Assist	Concert	Commander	GfW	61	+349	+0	0	62	+1876	+0,05	+0,01	+0,04	+85	+67	+90	+480	-7	+16	52	+753	106	105	104	102	101	97	103	71	100	104	110	104	108	
CRV	NL 872395552	De Biesheuvel Jethro	Regard	Balisto	GfW	65	+349	+45	0	65	+1067	+0,44	+0,25	+0,01	+89	+62	+50	+456	+47	+2	57	+794	108	102	106	105	101	105	106	74	100	103	106	104	106	
	US 3145627259	Denovo 14585 Outlay-Et	Quantum	Mr Mogul Delta	IGfW	50	+349	+73	0	56	+1682	+0,08	+0,05	+0,00	+80	+64	+76	+453	+73	-5	38	+784	107	105	107	99	102	102	63	100	104	112	102	108		
	DE 0122629436	Totalpro Et	Lighter	Silver	GfW	60	+349	+23	0	61	+2062	-0,20	-0,07	+0,10	+66	+64	+83	+426	+17	+48	51	+553	105	105	110	106	106	103	104	71	94	99	113	100	105	
Tot	FR 5344216790	Neal	Dg Charley	Mardi Gras	GfW	61	+349	+41	0	61	+1466	-0,04	-0,02	+0,13	+58	+49	+80	+347	+20	+19	52	+821	108	107	107	108	108	105	103	71	98	104	113	104	109	
	CA 12949045	Progenesis Monet	Guaranite																																	

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 genomisch zonder dochters

April 2019

Ki Stiernummer	Stiernaam	Erfa-faVader	M-vader	B	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-faSire	MGS	S	Rel NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Bt	Lvd	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rt	F	DS	U	F&L	T														
Melkdoel Zwart					Productie													€										Functioneel										Exterieur									
					pnt													€																													
DE 0953061754	Gigantix		Gymnast	Livemore	GfW	60	+341	+20	0	61	+2300	-0,03	-0,05	+0,04	+95	+75	+109	+540	+22	-19	50	+695	104	100	103	100	102	104	103	70	103	104	113	105	111												
ES 2704487908	Grilo Sanreacm Lucky Et		Sillian	Supershot	GfW	61	+341	+43	0	61	+2424	-0,12	-0,09	+0,07	+90	+74	+118	+528	+22	-64	52	+655	105	103	103	102	100	97	103	71	107	106	110	105	111												
Mas DE 0360558209	Greathop		Gymnast	Balisto	GfW	60	+341	+42	0	61	+1914	-0,06	+0,01	-0,06	+75	+68	+81	+461	+28	-20	51	+728	104	106	106	106	106	99	103	71	96	103	111	102	106												
US 3143721773	Sai-Duckett 8410		Dg Charley	Jedi	IGfW	50	+341	+25	0	56	+1775	+0,04	+0,01	+0,00	+80	+63	+80	+450	+27	-24	37	+627	107	107	110	107	99	63	100	104	110	100	106														
US 00313497174	Fustead Sperhero Lavonte-Et		Superhero	Rubicon	GfW	61	+341	+40	0	62	+1684	-0,01	+0,04	-0,04	+73	+63	+81	+436	+28	-31	51	+621	106	106	107	100	104	96	102	71	100	106	114	104	110												
PL 5357927376			Cyran	Silver	GfW	57	+341	n	0	61	+2061	-0,26	-0,05	+0,03	+59	+66	+97	+424	n	+1	50	+722	106	104	105	102	96	105	71	100	102	107	107	108													
US 3146616313		83251	Mr Spring Nobl	Mr Mogul Delta	IGfW	50	+341	n	0	56	+1322	+0,18	-0,02	+0,00	+74	+44	+60	+354	n	+16	38	+694	112	107	107	107	101	63	95	104	109	97	102														
US 3141559659	Denovo 14265 Atticus-Et		Achiever	Supershot	IGfW	52	+341	+13	0	59	+1439	-0,12	-0,07	+0,00	+73	+43	+65	+349	+6	-7	38	+1533	111	104	109	101	105	63	101	104	110	102	107														
DE 00053978203	Col Cracker		Crackshot	Supershot	GfW	62	+341	+24	0	63	+1664	-0,16	-0,13	+0,01	+54	+44	+77	+317	-8	-38	51	+830	107	109	108	107	106	100	106	71	103	106	114	103	111												
Sem CA 12648593	Progenesis Hawaii	RF	Apprentice	Silver	IGfW	59	+340	+24	0	65	+1832	-0,04	-0,09	+0,00	+74	+54	+83	+402	+13	-13	47	+683	107	109	111	105	102	100	70	103	105	110	100	107													
CRV NL 684617547	Delta Shelter		Inductor	Silver	GfW	58	+340	+8	0	62	+1862	-0,18	-0,08	+0,06	+60	+56	+91	+383	-2	-9	52	+752	104	108	98	100	100	104	71	103	105	117	106	114													
US 3141494444	Abs Cassville-Et		Dg Charley	Rubicon	IGfW	52	+340	+14	0	59	+1771	-0,08	-0,11	+0,00	+67	+50	+80	+370	+28	+11	37	+878	110	104	111	105	99	62	96	103	107	104	105														
GGI DE 1305311425	Metaxa		Missouri	Balisto	GfW	65	+339	+25	0	65	+1752	+0,02	+0,08	+0,05	+77	+69	+85	+470	+20	+12	56	+330	105	103	107	102	105	100	104	74	98	99	114	104	109												
ABS US 3141559616	De-Su 14222 Kenobi		Jedi	Altaspring	IGfW	61	+339	n	0	68	+1711	-0,02	+0,08	+0,00	+71	+68	+78	+451	n	-3	47	+769	109	106	109	104	106	99	73	102	105	113	94	105													
Dek FR 8538923120	Le Valton Ladin		Commander	Bookem	GfW	65	+339	+21	0	65	+1959	-0,21	+0,01	+0,13	+61	+69	+103	+442	+11	-61	58	+707	106	106	106	99	103	99	106	74	102	106	107	104	107												
CRV NL 88359231	Delta Fisherman		Accord	Missouri	GfW	58	+339	-8	0	62	+1047	+0,33	+0,24	-0,12	+77	+60	+36	+419	-40	-60	51	+651	108	105	104	107	104	101	105	71	101	106	110	107	110												
CRV BE 213107823	Delta Waterloo		Jorben	Monopoly	GfW	61	+339	-8	0	61	+1337	-0,06	+0,08	+0,05	+51	+55	+66	+352	-8	-19	53	+794	106	103	103	106	99	102	110	72	98	104	107	113	111												
DE 0667199756	Sph Quentin		Quantum	Baltikum	GfW	60	+338	+39	0	61	+1742	+0,02	+0,16	-0,06	+76	+78	+73	+501	+95	-97	51	+711	106	105	102	107	105	97	102	71	103	105	111	104	110												
US 3146616986			Frazzled	Mr Day Dearing	IGfW	50	+338	n	0	56	+2058	-0,05	-0,09	+0,00	+82	+62	+93	+454	n	+16	37	+816	105	105	110	102	104	62	98	102	108	100	104														
DK 3372307604	Andersstrup Superhero Highway		Superhero	Balisto	GfW	62	+338	+23	0	64	+2421	-0,43	-0,12	-0,09	+53	+71	+121	+439	-13	-66	52	+862	107	105	105	100	103	101	105	71	105	108	108	102	108												
CRV NL 879587024	Vlagberg Drost		Louxor	Regard	GfW	61	+338	+0	0	62	+1314	+0,18	+0,08	-0,07	+74	+54	+53	+393	-8	+34	50	+759	109	101	104	99	103	96	107	71	102	103	113	104	110												
US 3145627347	De-Su 14673 Appeal		Achiever	Dozer	IGfW	50	+338	+8	0	56	+966	+0,41	+0,10	+0,00	+81	+43	+44	+360	+28	+12	37	+858	107	108	106	100	104	63	97	104	112	102	107														
FR 144585363	Dkr Omox		Imax	Monterej	GfW	60	+338	n	0	61	+1109	+0,33	+0,03	+0,03	+80	+42	+54	+356	n	+26	51	+759	105	107	106	103	101	102	104	71	99	102	118	102	111												
CRV BE 413695469	Peeldijker Levy		Adorable	Baltikum	GfW	58	+338	n	0	62	+789	+0,45	+0,15	+0,05	+77	+42	+41	+346	n	-72	51	+810	109	107	101	105	102	100	106	72	108	108	118	104	115												
GGI DE 0122629481	Garido		Gymnast	Penlev	GfW	60	+337	+26	0	61	+2207	-0,06	-0,07	+0,02	+87	+69	+103	+497	+19	-21	50	+554	104	104	105	100	104	99	103	71	101	105	113	104	110												
DE 1261455173	Savio		Salvatore Rc	Woodcrest Mog	GfW	60	+337	+29	0	61	+2012	-0,00	-0,03	-0,06	+86	+67	+98	+485	+86	-86	51	+768	105	104	106	100	104	99	104	70	101	108	113	102	109												
DE 0540402381	Gon Gordion		Gordon	Missouri	GfW	60	+337	n	0	61	+1721	+0,00	+0,05	+0,00	+73	+65	+79	+444	+8	-23	50	+671	104	106	106	106	106	97	104	71	103	106	110	104	109												
NL 728833908	Meadowholsteins K&I Rm Florijn		Adhere	Supershot	GfW	61	+337	+13	0	62	+2435	-0,41	-0,16	-0,02	+58	+67	+113	+430	-24	-28	52	+743	107	105	103	100	102	98	103	71	100	104	113	103	109												
NL 685695366	Peak Altazarek		Altatopshot	Rubicon	IGfW	50	+337	+16	0	56	+1709	+0,08	-0,02	+0,00	+81	+57	+77	+427	+21	-31	37	+861	108	104	107	105	101	62	99	106	112	102	108														
CRV US 3145229850	Peak Lukaku		Eldorado	Rubicon	IGfW	65	+337	+27	0	71	+1885	+0,15	-0,18	+0,08	+96	+47	+94	+423	+9	-7	51	+519	107	105	111	110	104	101	100	71	100	105	112	106	110												
DE 0360940004	Gala		Garick	Altaspring	GfW	57	+337	n	0	61	+2096	-0,26	-0,07	-0,04	+61	+65	+91	+422	n	+64	50	+686	105	104	110	104	102	98	103	70	97	101	111	104	107												
CRV NL 872360891	Manders Dazzel		Finder	Bube	GfW	63	+337	-37	0	64	+984	+0,49	+0,01	+0,04	+90	+35	+49	+347	-91	-7	53	+733	107	106	109	100	103	103	104	73	99	99	110	107	109												
US 3141559884	Denovo 14490 Excaliber-Et		Dg Charley	Modesty	IGfW	50	+337	-8	0	56	+1655	-0,13	-0,11	+0,00	+57	+46	+75	+331	+4	+0	37	+854	109	106	109	108	105	63	94	103	116	103	109														
DE 0358314964	Cefri Valvan Et		Mission P	Powerball P	GfW	60	+336	+6	0	61	+2380	-0,22	-0,03	+0,03	+77	+80	+112	+523	+3	+38	51	+504	104	105	105	101	104	101	102	71	102	103	109	99	105												
DE 0360939875	Gigabyte		Gymnast	Silver	GfW	60	+336	+31	0	61	+2425	-0,27	-0,11	+0,04	+73	+72	+115	+483	+27																												

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 genomisch zonder dochters

April 2019

Ki Stiernummer	Stiernaam	Erfa-faVader	M-vader	B	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-faSire	MGS	S	Rel NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lvd	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart								Productie						€		€		Functioneel										Exterieur							
						pnt																													
US 3138483358	Siemens Charley Merryguy-Et	Dg Charley	Montross	IGfW	60	+332	+20	0	66	+2731	-0,24	-0,19	+0,00	+89	+73	+124	+823	+89	-7	47	+606	106	103	109	105	109	102	71	99	104	109	99	105		
Tot	NL 865720329	Vekis Dg Delta	Dg Charley	Montross	IGfW	61	+332	+50	0	62	+2082	-0,15	-0,03	+0,02	+72	+69	+97	+463	+60	+18	52	+698	104	103	107	102	105	100	105	72	99	100	109	102	106
	CA 111074181	Progenesis Magneto	Topnotch	Eugenio	IGfW	50	+332	n	0	56	+1858	-0,05	-0,05	+0,00	+74	+59	+84	+423	n	-50	36	+731	106	107	109	104	103	62	102	104	115	100	109		
CRV	NL 677064558	Delta Jury	Jorben	Crescendo	GfW	62	+332	+0	0	63	+2146	-0,32	-0,08	+0,00	+56	+66	+98	+418	-27	-19	53	+535	108	105	108	106	100	96	104	72	100	103	106	106	107
	BE 313114634	Delta Magnet	Galore	Titanium	GfW	63	+332	+12	0	67	+2107	-0,40	-0,13	+0,07	+46	+59	+104	+370	-37	+0	56	+577	108	106	105	104	101	97	103	74	98	105	111	107	110
	US 3132117343	Pine-Tree Charley Swirl-Et	Dg Charley	Supersire	IGfW	54	+332	+18	0	61	+1400	-0,02	+0,01	+0,00	+58	+50	+63	+346	+17	-26	40	+937	111	107	109	104	98	65	99	105	107	100	104		
STG	US 3132353418	Mr D-Worth Menace	Butz-Hill Delta	Flamer	IGfW	52	+332	+5	0	59	+1376	+0,17	-0,08	+0,00	+76	+40	+62	+342	-6	+19	37	+854	107	106	109	101	104	63	99	103	114	103	109		
K&L	NL 657862862	Pentagon K&L Pokemon Clun	Jetset	Sargeant	GfW	65	+332	-4	0	67	+1265	-0,30	+0,02	+0,10	+24	+46	+68	+259	-36	-16	54	+885	111	105	106	104	101	93	107	74	100	105	113	107	111
	DE 1504435433	Isolde Gigante Et	Gymnast	Rubicon	GfW	60	+331	+95	0	61	+3315	-0,55	-0,31	+0,11	+75	+78	+165	+527	####	+12	50	+517	105	102	106	103	103	92	102	71	101	102	111	101	107
CRV	US 3142181656	Peak Holcomb	Outlast	Mr Mogul Delta	GfW	61	+331	+25	0	61	+1310	+0,42	+0,09	-0,02	+98	+55	+58	+449	+2	-12	50	+580	107	105	111	104	104	100	100	72	105	105	113	100	109
	DE 00035973650	Super Uno	Superhero	Missouri	GfW	62	+331	+23	0	62	+2518	-0,23	-0,25	+0,05	+81	+59	+121	+448	-7	-24	51	+631	106	107	107	101	103	97	102	71	101	107	109	100	106
	NL 685696244	Superclas	Superhero	AltaI stclass	GfW	63	+331	+17	0	64	+2460	-0,40	-0,20	+0,14	+60	+63	+128	+423	+11	+29	52	+774	105	105	103	95	106	106	100	71	103	106	118	100	111
	US 3141559814	Denovo 14420 Profound-Et	Matters	Jedi	IGfW	52	+331	+10	0	59	+1758	-0,20	-0,09	+0,00	+54	+32	+80	+351	+22	-25	37	+803	111	107	108	104	98	62	98	104	112	100	106		
	CZ 823748053	Delta Lucid Rf	Magister	Sunfish	GfW	57	+331	n	0	61	+478	+0,32	+0,20	-0,04	+50	+35	+18	+254	n	+26	51	+756	110	108	105	105	104	98	105	71	99	104	110	107	109
	DE 0360208999	Kns Simon P	Semino	Board	GfW	60	+330	n	0	61	+2157	-0,03	-0,02	+0,12	+88	+73	+111	+517	n	-36	50	+676	104	105	105	103	99	101	102	71	99	104	107	100	104
	CA 40000062	Vogue Limelight-P-Et	Atlaspice	Supershot	IGfW	50	+330	+9	0	55	+1393	+0,21	+0,11	+0,00	+81	+60	+63	+435	+23	+4	37	+747	107	103	105	101	103	62	100	104	113	103	109		
GGI	NL 622692405	Visstein Cidre	Cinema	G-Force	GfW	63	+330	+16	0	63	+1500	+0,31	-0,03	+0,10	+96	+49	+79	+426	+10	+69	54	+606	107	103	101	99	98	100	102	73	92	103	110	105	106
	DE 1504336100	Garett	Garick	Altaspriing	IGfW	53	+330	n	0	59	+2122	-0,35	-0,07	+0,00	+52	+66	+96	+409	n	-39	44	+805	110	105	102	102	101	63	103	105	110	103	109		
	CA 13024759	Progenesis Matchpoint	Padawan	Jedi	IGfW	50	+330	+10	0	56	+1444	-0,24	+0,12	+0,00	+37	+63	+65	+356	+28	-22	37	+799	108	111	105	103	100	63	101	105	111	98	106		
	CA 12857528	Silverridge V Einstein	Topnotch	Duke	IGfW	50	+329	n	0	56	+1732	+0,08	+0,01	+0,00	+82	+61	+79	+446	n	-37	37	+823	108	106	104	102	99	63	103	107	112	97	107		
	DE 0123031138	Kax Single	Solo	Cinema	GfW	57	+329	n	0	61	+2251	-0,24	-0,14	+0,02	+69	+63	+105	+435	n	-2	50	+716	107	102	106	100	101	103	71	101	104	113	103	109	
	US 3143721780	Endroad-Kjm S-S-I Benji-Et	Dg Charley	Profit	IGfW	50	+329	+2	0	56	+1828	-0,09	-0,01	+0,00	+68	+63	+83	+426	+2	+6	37	+660	106	105	111	105	104	62	98	102	108	103	106		
	DE 00035930656	Gateland-Et TI Tv Ty	Gatedancer	Commander	GfW	63	+329	+35	0	63	+1230	+0,35	+0,11	+0,01	+87	+54	+57	+421	+40	+17	51	+653	105	108	105	100	107	102	102	72	95	102	111	99	104
	US 3136661603	Hilmar C Rockford-Et	Dg Charley	Woodcrest Mog	IGfW	50	+329	+13	0	56	+1986	-0,02	-0,16	+0,00	+82	+52	+90	+412	+14	-23	37	+794	109	105	110	102	101	63	103	103	106	101	105		
	US 3137164315	Banhof Guarantee 12558-Et	Guarantee	Altaspriing	IGfW	58	+329	n	0	65	+1837	-0,05	-0,07	+0,00	+73	+57	+83	+412	n	-7	46	+777	112	102	105	95	103	99	68	100	104	114	100	108	
	US 3146923016	Bomaz Manitoba-Et	Medley	Jedi	IGfW	50	+329	+14	0	56	+1813	-0,11	-0,03	+0,00	+65	+60	+82	+407	+8	-2	37	+769	106	106	111	111	103	62	96	103	109	101	105		
	US 3146616169	83107	Mr Spring Nobl	Mr Day Dearing	IGfW	50	+329	n	0	56	+1562	+0,01	+0,00	+0,00	+68	+54	+71	+386	n	-7	37	+811	105	108	108	103	103	62	99	103	113	100	107		
	US 3149432240		Medley	Jedi	IGfW	49	+329	n	0	55	+1718	-0,08	-0,07	+0,00	+65	+53	+78	+377	n	-1	36	+843	105	107	110	106	102	62	97	103	110	102	106		
	DK 259973	Vh Tirsvad Louxor Laval P	Louxor	Powerball P	GfW	60	+329	+30	0	61	+1490	-0,10	+0,06	+0,00	+53	+58	+68	+370	+36	-8	50	+739	109	106	108	104	107	94	103	70	103	104	110	101	107
	US 3141494589	Wilra Abs Amplify-Et	Achiever	Hotshot	IGfW	51	+329	+4	0	58	+908	+0,44	+0,14	+0,00	+81	+45	+41	+367	-9	+5	37	+916	107	105	110	102	101	62	97	105	108	103	106		
	IT 1999169301	Cristina Meteor Et	Dg Charley	Modesty	IGfW	49	+329	n	0	55	+1925	-0,20	-0,14	+0,00	+61	+52	+87	+367	n	+14	37	+802	108	104	108	102	102	62	97	103	113	104	109		
	DE 00053958662	Finalist	Finder	Missouri	GfW	64	+329	+0	0	64	+2019	-0,46	-0,11	+0,01	+36	+59	+93	+345	-49	-5	52	+753	109	104	111	105	103	98	102	73	97	105	112	105	109
GGI	NL 714486680	Peeldijck Converse	Concert	Silver	GfW	62	+329	+10	0	63	+1348	+0,00	-0,02	+0,02	+57	+45	+64	+323	+8	-7	52	+627	107	108	103	103	104	102	104	72	103	107	113	107	113
CRV	NL 668082914	Zandenburg Virgil	Accord	Reflector	GfW	58	+329	n	0	62	+811	+0,07	+0,24	+0,02	+41	+51	+39	+303	n	-107	51	+852	110	107	106	105	100	98	106	71	101	106	107	109	110
GGI	DE 0666847135	Cyrano	Cinema	Shotglass	GfW	63	+328	+14	0	63	+2355	-0,19	-0,17	+0,10	+79	+63	+119	+460	+0	+22	53	+658	105	102	107	99	100	100	104	73	101	105	107	104	107
GGI	DK 0237140305	Match P	Mission P	Silver	GfW	60	+328	+19	0	61	+2096	-0,16	-0,14	+0,03	+72	+58	+99	+419</																	

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

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2019

Ki Stiernummer	Stiernaam	Erfa-faVader	M-vader	B	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgI	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext											
Ai Bull number	Bull name	Her-faSire	MGS	S	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	BVK	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T											
Melkdoel Zwart						Productie										€										Functioneel										Exterieur									
						pnt										€																													
DE 0539919272		Outlast	Missouri	IGfW	50	+326	+2	0	56	+1515	+0,00	-0,07	+0,00	+64	+46	+69	+344	+4	-22	37	+784	110	107	108	104		99		63	99	102	112	101	107											
US 3142935459	Oed Sherpa-Et	Perseus	Altaspring	IGfW	50	+326	n	0	56	+1325	-0,05	+0,07	+0,00	+51	+53	+60	+342	n	-58	37	+939	109	107	106	104		97		63	100	106	111	103	108											
US 3133032600	Green-Banks Grafel	Guarantee	Montross	GfW	60	+325	+13	0	61	+1874	+0,02	+0,10	-0,05	+82	+76	+80	+508	+37	-36	51	+694	107	103	103	101	102	99	103	71	102	104	109	98	105											
US 0031389416	Aurora Superfly 540-Et	Superfly	Bomboro	GfW	62	+325	+25	0	63	+1877	+0,02	+0,06	+0,02	+82	+72	+88	+494	+8	-41	51	+607	107	104	107	102	102	98	103	71	108	103	109	98	107											
CA 12948962	Stantons Eldorado	Guarantee	Jedi	IGfW	50	+325	-5	0	56	+2200	-0,23	-0,05	+0,00	+68	+71	+100	+464	-5	-46	37	+614	107	106	107	104	100		63	101	105	112	99	107												
CA 13099032	Progenesis Dreamboat	Manius	Duke	IGfW	50	+325	n	0	56	+1926	+0,00	-0,06	+0,00	+82	+61	+87	+448	n	-23	36	+877	108	104	106	103		100	63	98	105	110	97	104												
US 3143060675	Denovo Guarantee 2774-Et	Guarantee	Woodcrest Mog	IGfW	50	+325	-3	0	56	+1530	+0,16	+0,01	+0,00	+82	+54	+69	+414	-5	-11	37	+673	107	106	111	106		99	63	97	104	110	100	105												
CRV NL 573364710	Delta Skippy	Paragon	Vitesse	GfW	65	+325	+10	0	66	+713	+0,59	+0,26	-0,04	+86	+50	+29	+394	-7	-33	54	+612	107	106	105	102	99	98	107	74	106	105	111	102	109											
DE 0539689841	Fighter	Finder	Racer	GfW	64	+325	+13	0	64	+1496	-0,02	+0,04	+0,06	+62	+56	+74	+382	-35	-19	53	+658	107	105	111	104	101	104	103	73	101	104	110	102	107											
FR 4421471430	Oxterril	Surgeon	Heñalo Isy	GfW	57	+325	n	0	61	+2055	-0,46	-0,05	+0,01	+38	+66	+95	+379	n	-18	50	+695	108	105	106	106	105	96	103	70	98	105	119	100	110											
US 3148279408	Aardema Pistolero-Et	Guarantee	Commander	IGfW	50	+325	n	0	56	+1389	+0,10	+0,02	+0,00	+69	+50	+63	+369	n	-12	37	+704	108	108	108	105		102	63	99	103	112	100	107												
US 3141494507	Denovo 7921 Atrium-Et	Achiever	Mr Mogul Delta	IGfW	52	+325	-5	0	59	+976	+0,49	+0,05	+0,00	+89	+39	+44	+360	-7	-25	37	+800	107	107	108	104	104		63	100	105	107	102	106												
IT 19991728770	Go-Farm Bernini Et	Guarantee	Altahotter	IGfW	52	+325	-1	0	58	+1293	+0,21	-0,01	+0,00	+76	+44	+58	+357	-23	+26	38	+812	111	104	100	100		101	61	96	101	113	103	107												
Sem CA 12638241	Westcoat Athabaska	Euclid	Mvp	IGfW	59	+325	+18	0	66	+1240	+0,15	-0,04	+0,00	+68	+39	+56	+320	-39	-34	47	+915	109	107	106	100	103	99	70	103	105	113	103	110												
CRV NL 685665840	Delta Joy	Jol	Bolt Rf	GfW	62	+324	+18	0	63	+2063	-0,23	+0,17	-0,01	+63	+90	+95	+530	+31	-17	52	+522	106	98	103	99	102	99	103	72	100	101	109	108	109											
NL 943741794	Invictus Supply Et	Imax	Supershot	GfW	61	+324	n	0	62	+2330	-0,16	-0,09	+0,03	+81	+71	+110	+494	n	-12	51	+651	104	103	103	103	105	99	102	72	102	104	114	101	109											
CRV NL 577509733	Delta Vineyard	Magister	Hero	GfW	62	+324	-17	0	62	+1881	-0,20	+0,08	+0,00	+59	+74	+86	+453	-36	-59	53	+683	107	102	105	107	107	102	104	72	104	105	110	105	110											
FR 1452582954	Ortega	Adorable	Commander	GfW	58	+324	n	0	61	+2100	-0,29	-0,02	+0,08	+58	+71	+105	+444	n	-90	52	+727	105	102	106	99	104	104	105	71	102	105	117	105	113											
DE 0359556232	Keith	Kernigan	Balisto	GfW	62	+324	+36	0	63	+1960	-0,20	+0,01	+0,04	+62	+69	+94	+441	+29	-22	52	+822	107	102	104	98	103	100	100	71	102	102	113	103	109											
DE 0539702074	Alabama Florida Et	All Star	Icone	GfW	60	+324	+82	0	61	+2306	-0,36	-0,10	+0,04	+58	+69	+110	+438	+89	+2	50	+702	107	103	104	105	105	100	105	71	103	104	111	100	107											
US 3149334918	Peak Heidi Frazid 81063-Et	Frazzled	Mr Mogul Delta	IGfW	51	+324	n	0	57	+2215	-0,18	-0,18	+0,00	+75	+57	+101	+422	n	-8	38	+815	107	105	110	106		102	63	96	104	107	99	103												
US 3142041200	Mr Frazzled Aristocrat	Frazzled	Monterey	GfW	54	+324	+20	0	60	+1821	-0,04	-0,05	+0,00	+73	+58	+83	+416	+34	-43	41	+798	110	103	108	103		99	66	103	103	113	100	108												
US 3141657524	Blumenfeld Frazid Basic-Et	Frazzled	Altaspring	IGfW	50	+324	+20	0	56	+1895	-0,08	-0,14	+0,00	+72	+51	+86	+386	+28	-24	37	+902	109	103	107	105		100	63	99	103	112	102	108												
NL 881600302	Delta Fedor	Magister	Balisto	GfW	59	+324	+11	0	63	+2120	-0,52	-0,04	-0,08	+34	+70	+88	+385	-28	-36	53	+833	108	105	104	102	105	103	103	72	103	104	109	103	108											
FR 2229184563	Oued	Surgeon	Altahotter	GfW	57	+324	n	0	61	+1579	+0,08	-0,06	-0,04	+75	+49	+68	+379	n	-20	50	+574	109	105	107	103	102	96	104	70	96	103	113	103	108											
CRV NL 843890655	Delta Lendor	Vh Stu	Bube	GfW	63	+324	+32	0	64	+1005	+0,26	+0,18	+0,02	+68	+53	+48	+375	+41	-30	52	+770	107	103	103	103	98	103	97	72	106	105	111	108	113											
US 3145627323	Denovo 14649 Godiva-Et	Achiever	Mr Mogul Delta	IGfW	50	+324	-7	0	56	+1103	+0,35	+0,07	+0,00	+82	+45	+50	+372	-22	+11	37	+808	105	106	108	100		107	63	94	104	110	104	106												
Adv DE 0122528740	Sandy Gh Bonbon	Board	Balisto	GfW	63	+324	+4	0	64	+1628	-0,28	+0,05	+0,13	+40	+62	+88	+365	-26	-46	54	+864	109	104	106	103	104	94	102	73	105	106	112	104	111											
CA 12843180	Westcoat River	Guarantee	Montana	IGfW	50	+324	-8	0	56	+1361	+0,08	+0,03	+0,00	+66	+50	+62	+362	-7	-28	37	+802	111	108	109	104	101		63	101	105	110	96	104												
US 3141559838	Denovo 14444 Fortune-Et	Achiever	Dozer	IGfW	52	+324	+10	0	59	+1594	+0,01	-0,12	+0,00	+69	+43	+72	+343	+2	+31	37	+882	108	106	107	104	104		62	96	103	110	101	105												
US 3146616195	Vh Combo Gemiro	Mr Spring NoblJedi	IGfW	50	+324	n	0	56	+1377	+0,00	+0,00	+0,00	+59	+48	+62	+339	n	-31	37	+839	110	110	108	102		104	63	99	106	114	94	105													
DK 259985	Vh Skovgaard (Vh Roenhav	Vh Skovgaard (Vh Roenhav	FtGfW	57	+324	n	0	61	+620	+0,07	+0,17	+0,02	+33	+38	+30	+234	n	+49	49	+882	108	110	107	109	103	104	103	70	91	93	113	101	104												
CRV NL 586809457	Delta Jonk Rf	Wisent Rf	Bolt Rf	GfW	62	+324	+0	0	63	+478	+0,12	+0,15	-0,01	+31	+31	+21	+199	-28	-55	52	+809	109	114	103	102	107	99	105	71	96	104	112	106	109											
US 3145229768	Peak Altasta flford-Et	Dg Charley	Altaspring	IGfW	51	+323	n	0	57	+1967	-0,03	-0,05	+0,00	+80	+63	+89	+453	n	-24	38	+715	105	104	111	102		104	63	103	105	106	103	106												
US 3145627418	Denovo 14744 Ginetta-Et	Guarantee	Mr Mogul Delta	IGfW	50	+323	+2	0	56	+1442	+0,23	+0,07	+0,00	+85	+57	+65	+432	-6	-35	37	+622	105	108	109	100		103	63	102	105	106	102	106												
US 3141559893	Denovo Medley 14499-Et	Medley	Mr Mogul Delta	IGfW	50	+323	-3	0	56	+1673	-0,18	-0,07	+0,00	+90	+51	+76	+421	-2	+40	37	+712	105	102	107	103		98	62	93	102	110	106	107												