

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

NVImelkdoel = 0,37*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

April 2024

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext	
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T	
Melkdoel Zwart																																						
CRV	NL 671125486	Delta Reloader		Finder	G-Force	Gna		94	+307	-9	444	98	+1424	-0,14	-0,18	+0,06	+46	+31	+71	+245	-18	+80	91	+759	110	104	107	104	102	97	107	99	95	98	104	104	102	
CRV	NL 965020507	Willem's-Hoeve Woody		Ranger	Jetset	Gna		92	+284	+8	1994	94	+2223	+0,01	+0,01	+0,10	+95	+79	+113	+557	+49	+54	89	+329	107	90	101	101	99	96	108	99	103	105	109	107	110	
Tot	CA 12610944	Alexirin Charm		Dg Charley	Altaspring	Gna		88	+277	+17	258	94	+1945	-0,12	-0,02	+0,10	+69	+65	+100	+441	+36	+32	86	+253	104	105	106	101	100	98	108	93	101	104	102	96	100	
Syn	DE 0361838685	Rioaveso		Rio	Bandares	Gna		82	+271	+0	310	87	+1252	+0,04	+0,02	+0,00	+57	+46	+57	+325	+11	-14	80	+787	106	103	107	99	103	100	108	93	102	106	104	102	105	
Syn	NL 872871665	Summerlake		Dg Charley	Balisto	Gna		88	+266	+11	253	95	+949	+0,46	+0,15	+0,09	+85	+48	+52	+391	+37	+20	86	+392	108	103	98	103	102	93	103	100	103	105	103	105	105	
ABS	CA 110807391	Dexpro Mojo		Medley	Jedi	Nat		82	+264	+26	109	87	+1510	+0,01	+0,08	+0,12	+65	+61	+81	+411	+71	-20	78	+927	108	104	100	96	99	97	102	85	104	105	103	89	98	
CRV	NL 605074718	Delta Endless	RF	Jacuzzi	Finder	Gna	Gn	85	+254	+57	488	89	+733	+0,83	+0,18	-0,02	+111	+43	+32	+419	+69	+13	84	+93	104	101	107	101	104	102	106	95	104	103	101	110	107	
Alt	US 3147224052	Peak Altaeap		Quantum	Altaspring	Nat		82	+252	+17	100	87	+779	+0,08	+0,23	+0,01	+41	+49	+37	+298	+4	+19	78	+619	109	104	104	100	103	96	103	82	99	101	108	93	100	
Alt	US 3142181416	Peak Altaabba		Blowtorch	Rubicon	Nat		87	+249	+18	283	93	+1860	+0,04	-0,17	+0,05	+83	+46	+90	+390	+45	+8	84	+477	103	106	106	100	103	100	97	90	101	104	105	100	104	
CRV	NL 673698942	Delta Tornado		Skywalker	Esperanto	Gna	Gn	81	+246	-5	128	87	+1675	-0,41	+0,03	+0,00	+28	+61	+76	+332	-34	+28	82	+597	101	103	107	102	100	100	106	91	99	101	107	100	104	
Sem	CA 12857528	Silverridge V Einstein		Topnotch	Duke	Nat		79	+246	+14	56	87	+1048	-0,14	+0,09	-0,03	+58	+45	+51	+322	-4	-11	80	+511	106	106	104	100	103	97	106	90	104	105	110	91	102	
Syn	DE 0360324663	Gywer	RF	Gymnast	Lobach	Gna		87	+244	+18	163	94	+2182	-0,45	-0,13	+0,01	+43	+62	+101	+375	+11	+11	85	+405	104	105	104	100	105	96	96	104	94	96	102	108	92	99
WWE	US 3145229924	Peak Chilton		Altarobson	Supershot	Nat		87	+241	+20	231	92	+1092	-0,05	+0,23	+0,04	+41	+61	+54	+352	+51	+4	83	+498	103	106	103	97	104	103	102	93	102	102	101	102	102	
CRV	NL 729539557	Weelder Empire		Bravo	G-Force	Gna		98	+241	-2	1161	99	+170	+0,35	+0,18	-0,01	+39	+22	+7	+174	+10	+60	99	+488	108	104	106	108	96	107	99	93	90	100	107	100		
CRV	NL 678449129	Delta Eloy	RF	Jacuzzi	Finder	Gna		90	+240	+13	4164	92	+489	+0,53	+0,16	+0,03	+70	+32	+25	+286	+24	-31	88	+267	106	105	104	101	91	89	105	99	104	106	104	112	111	
Alt	US 73953444	Bomaz Altatopshot		Supershot	Altaembassy	Nat		93	+239	-2	462	98	+1384	+0,18	+0,12	+0,03	+77	+60	+66	+428	-18	+15	92	+293	103	103	106	101	104	96	107	96	104	105	99	95	99	102
CRV	NL 896652300	Capnation Benello		Bernell	Balisto	Gna		93	+239	-25	520	98	+554	+0,02	+0,03	+0,04	+25	+22	+29	+151	-30	+36	91	+596	110	105	105	102	100	97	105	97	95	96	103	104	102	99
STG	US 3138483358	Siemers Charley Merryguy		Dg Charley	Montross	Nat		77	+238	+2	19	83	+2442	-0,22	-0,19	-0,02	+79	+64	+109	+461	+16	+40	79	+393	102	101	104	100	100	100	86	98	101	105	96	100		
Syn	US 3140239448	Rock On		Rockstar	Racer	Nat		78	+238	+84	103	85	+1453	-0,19	-0,02	+0,02	+42	+48	+68	+305	+138	+14	79	+674	104	104	104	100	102	98	104	85	102	100	105	98	100	
CRV	US 3205149655	Bush-Bros Fragrant		Altacabot	Frazzled	Gna	Gn	81	+236	-9	349	86	+32	+0,77	+0,24	+0,03	+70	+22	+4	+238	-30	+30	80	+490	105	104	108	105	104	95	106	93	100	102	110	98	105	
Alt	NL 685695366	Peak Altazarek-Ex		Altatopshot	Rubicon	Nat		90	+235	-11	458	95	+1428	+0,17	+0,02	+0,17	+78	+52	+83	+402	-27	+57	86	+540	101	101	98	103	105	102	105	93	93	97	107	96	99	
CRV	NL 879587024	Vlagberg Drost		Louxor	Regard	Gna		91	+235	+29	598	96	+817	+0,17	+0,08	-0,05	+51	+36	+32	+264	+46	+18	87	+483	111	102	100	99	98	93	105	97	103	105	108	97	104	
Alt	US 3131664037	Peak Altadepot		Hotshot	Montross	Gna		89	+234	+10	83	94	+341	+0,21	-0,12	+0,14	+34	+1	+28	+84	-3	+32	85	+735	115	108	103	101	93	103	91	96	99	100	96	97	105	
Alt	US 3138499077	Peak Altaatuvu	RF	Salvatore Rc	Monterey	Nat		88	+233	+5	239	94	+1883	-0,17	-0,08	+0,06	+62	+57	+92	+392	-11	+28	85	+463	105	100	106	101	100	97	100	92	94	102	103	100	100	
CRV	NL 666841779	Delta Epsilon		Sunfit P	Topgear	Gna		85	+232	-5	201	91	+1467	+0,17	+0,04	+0,11	+80	+55	+78	+417	+14	+8	84	+559	106	96	100	99	97	99	101	94	97	100	109	103	105	
ABS	US 3143060701	Denovo 2800 Prince		Yoda	Woodcrest Mc	Nat		74	+232	+13	31	84	-84	+1,16	+0,31	-0,01	+98	+24	-5	+303	+35	+14	79	+415	106	107	103	99	102	102	88	100	103	102	99	101		
WWE	US 3148279820	Twin-Ridge Revelation		Solution	Jedi	Nat		79	+232	-16	94	86	+1440	-0,09	-0,14	+0,19	+52	+36	+85	+282	+12	+20	79	+868	108	102	104	101	102	98	100	88	100	99	107	92	99	
CRV	NL 946221484	Delta Treasure		Finder	G-Force	Gna	2n	97	+232	-5	3186	99	+433	+0,00	-0,05	+0,05	+18	+10	+24	+86	+1	+38	95	+545	109	109	107	106	104	99	100	99	92	98	108	104	104	
Tot	FR 5366624921	Drakkar Baylaboy		Kingboy	Garrett	Gna		88	+230	+9	104	94	+1493	-0,37	-0,20	-0,13	+25	+31	+55	+196	+21	+26	87	+403	105	108	110	99	97	92	106	92	96	99	100	101	99	
CRV	NL 547123774	Delta Salinero		Rush Hour Cd	Topgear	Gna		91	+229	+13	689	95	+1403	-0,13	+0,12	+0,02	+46	+61	+66	+367	+22	-12	87	+345	104	95	105	105	102	98	106	97	102	105	104	119	114	
CRV	DE 0360385508	Suprem		Superhero	Missouri	Gna		86	+227	+7	152	93	+2583	-0,46	-0,19	-0,03	+57	+68	+121	+435	-12	+7	84	+328	104	104	102	99	102	98	102	92	103	105	100	93	98	
CRV	NL 667323913	Newhouse Jayvano	RF	Esperanto	Penley	Gna		91	+227	+17	648	95	+1018	-0,11	+0,12	+0,04	+32	+47	+50	+275	+6	+49	87	+408	104	104	106	103	97	102	102	99	94	96	104	102	101	
Syn	NL 715952290	Topstone		Altatopshot	Rubicon	Gna		86	+226	-12	208	93	+1503	-0,16	-0,06	+0,11	+47	+46	+80	+311	-9	-8	85	+433	106	102	105	99	93	98	105	93	105	105	104	102	105	
STG	US 3139405979	Ocd Charley Ranger		Dg Charley	Rubicon	Nat		88	+226	+14	146	93	+1727	-0,35	-0,11	+0,02	+36	+49	+81	+301	+15	+20	84	+579	104	105	105	101	100	98	101	92	96	102				

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NVIdubbeloel = 0,33*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext			
AI	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart										Productie										Functioneel										Exterieur									
Sem	CA 12719230	Progenesis Parachute		Superhero	Rubicon	Nat	89	+210	+7	361	94	+1348	+0,14	-0,04	+0,07	+71	+43	+69	+346	+22	-1	84	+528	99	103	103	102	99	106	93	104	106	105	99	104				
Kam	NL 574589903	Poppe Yody	RF	Yoda	Board	Gna	81	+210	-4	73	88	+1504	-0,03	-0,05	+0,01	+61	+47	+70	+342	-22	+24	82	+726	104	97	104	100	102	100	102	89	99	102	105	99	102			
CRV	NL 710287748	Delta Founder		Nobel	Jupiler	Gna	84	+210	-20	237	90	+1323	-0,44	-0,07	+0,03	+11	+39	+63	+202	-17	-8	84	+380	106	105	102	101	98	97	107	94	102	105	102	107	106			
Sem	CA 111074181	Progenesis Moliere		Topnotch	Eugenio	Nat	74	+209	+7	29	81	+1476	-0,20	-0,04	+0,04	+42	+47	+63	+300	+70	+17	61	+360	107	103	104	102	103	98	97	86	99	100	108	94	101			
WWE	US 3141608169	Kings-Ransom Big Dollars		Frazzled	Spark	Nat	76	+209	-15	27	84	+1993	-0,34	-0,27	-0,04	+48	+40	+87	+291	-50	+22	70	+522	105	102	107	99	97	95	104	87	103	100	104	93	99			
Alt	US 3138498788	Peak Altastarjack		Jedi	Monterey	Gna	91	+209	-3	175	96	+611	-0,05	+0,02	+0,11	+21	+23	+38	+150	+6	+7	87	+690	100	111	108	103	107	101	105	91	96	100	109	93	100			
Tot	NL 674527779	Retraitehoeve Hero		Superhero	Montross	Gna	85	+208	-16	105	92	+1345	+0,05	+0,11	+0,13	+62	+58	+75	+391	-5	+26	84	+364	103	102	100	100	102	101	105	90	105	106	103	91	99			
Tot	DE 0540362468	Calvin		Casino	Finder	Gna	80	+208	+10	79	87	+1807	-0,16	-0,14	-0,02	+60	+48	+80	+347	+26	+11	81	+444	102	100	104	106	98	103	104	91	99	100	103	103	103	103		
CRV	NL 743430180	Delta Bonjour		Sidekick	Guard	Gna	94	+208	+2	1553	98	-169	+0,14	-0,04	+0,07	+5	-9	-2	-27	+1	+21	90	+532	111	110	107	102	102	90	107	99	90	95	105	101	99			
CRV	NL 668082914	Zandenburg Virgil		Accord	Reflector	Gna	92	+207	+2	789	96	+184	+0,08	+0,13	-0,05	+15	+18	+4	+107	-23	+11	88	+500	111	103	104	103	99	99	108	99	100	100	101	110	106			
CRV	NL 665667174	Delta Floris		Empire	Reflector	Gna	91	+207	-15	396	96	-125	+0,42	+0,11	-0,07	+31	+5	-12	+82	-18	+1	88	+542	106	105	105	109	101	100	108	99	103	101	108	109	110			
STG	US 3132352407	St Gen Superhero Swift		Superhero	Co-Op Day Tu	Nat	80	+206	-16	54	88	+1420	-0,27	-0,02	+0,07	+33	+47	+72	+284	-49	-5	79	+534	104	103	102	97	103	105	85	100	104	110	100	106				
K&L	DK 06880303577	Vh Balisto Brook		Balisto	Denim	Nat	92	+206	+4	384	97	-86	+0,93	+0,32	-0,10	+78	+25	-13	+262	+16	+22	88	+348	108	103	100	103	98	95	101	93	101	99	104	101	103			
WWE	US 3142352969	S-S-I Pr Frazid Firebird		Frazzled	Marty	Nat	91	+206	+22	468	95	+846	-0,15	-0,04	+0,03	+21	+26	+42	+163	+0	-40	86	+359	113	108	107	97	101	92	104	96	105	103	99	95	99	99		
CRV	NL 660112422	Diepenhoek Citadel		Altabanco	Balisto	Gna	94	+206	+11	657	99	+348	-0,11	+0,06	+0,16	+5	+18	+1	+85	-7	+8	92	+480	104	112	106	104	101	101	106	97	98	101	104	100	102			
WWE	US 3150997179	Fly-Higher Mellencamp		Renegade	Ocd Spring Sa	Nat	77	+205	+4	146	84	+998	+0,03	+0,13	+0,09	+45	+48	+54	+308	-14	+2	78	+373	99	105	107	100	105	99	102	89	103	103	106	102	106			
CRV	NL 932189349	Delta Turnover		Benello	Paragon	Gna	91	+205	-9	747	95	+998	+0,04	+0,03	-0,08	+46	+38	+38	+264	+11	+60	87	+566	105	98	105	100	102	100	104	97	98	95	101	103	101			
Alt	US 3138766709	Aardema Altanixie		Altarboson	Woodcrest Mc	Nat	81	+204	+7	117	92	-139	+0,88	+0,46	-0,15	+71	+35	-19	+287	-1	-5	80	+366	103	104	105	98	101	106	84	101	102	107	103	106				
CRV	US 3145229850	Peak Lukaku		Eldorado	Rubicon	Gna	86	+204	+10	106	89	+1189	+0,09	-0,20	+0,20	+59	+21	+74	+232	-9	+25	84	+726	105	99	107	103	102	102	102	92	102	105	105	103	106			
Alt	US 3145229944	Peak Altaruban		Bandares	Rubicon	Nat	74	+203	+23	47	85	+1629	+0,09	-0,11	+0,05	+78	+45	+80	+372	+53	-36	77	+645	104	101	99	99	102	103	82	106	106	106	98	105				
CRV	NL 731719510	Willem's Hoeve Rapper		Esperanto	Jetset	Gna	83	+203	-24	46	90	+963	+0,19	+0,05	+0,03	+59	+38	+47	+294	-34	-14	85	+430	104	97	106	99	102	101	110	93	102	108	106	105	108			
Alt	US 3200824116	Peak Altavanish		Positive	Jedi	Nat	75	+203	-6	96	85	+671	+0,46	+0,07	-0,08	+72	+30	+23	+281	-10	+29	79	+397	99	106	108	103	101	102	84	95	100	107	99	102				
CRV	NL 605027433	Delta Shape PP	PP	Hotspot P	Finder	Gna Gn	84	+203	+20	396	89	+133	+0,65	+0,16	-0,09	+64	+19	-2	+212	+19	+2	83	+135	105	107	105	104	102	99	107	93	95	98	104	101	101			
Ves	NL 595849688	Mars Frassino		Topgear	Missouri	Nat	88	+202	+17	332	94	+1486	-0,43	-0,02	-0,15	+19	+50	+52	+261	+40	+0	86	+613	108	98	98	97	87	86	107	91	99	104	100	106	103			
CRV	NL 565113832	Velder Starmaker		Adorable	Mobile	Gna	91	+202	-2	619	95	-733	+0,65	+0,38	+0,04	+22	+5	-30	+58	-4	-18	87	+597	109	105	106	98	107	98	108	99	104	106	105	107	108			
GGI	DE 0360208999	Simon P	PO	Semino	Board	Gna	79	+201	-1	53	86	+1848	-0,14	-0,06	+0,11	+63	+58	+96	+399	+4	-16	81	+475	104	100	101	103	99	104	101	103	105	105	97	103				
ABS	NL 742757381	K&I Oh Bellwether		Altatopshot	Silver	Nat	86	+201	-25	401	93	+456	+0,43	+0,16	+0,15	+59	+31	+35	+262	-14	+18	84	+269	106	103	101	99	103	98	100	92	96	103	106	105	105			
ABS	US 3141494296	Abs Crimson		Spectre	Rubicon	Nat	89	+200	+13	196	94	+1209	+0,35	+0,00	+0,05	+86	+42	+60	+371	+16	+21	85	+559	106	101	102	101	103	100	94	93	104	102	99	97	99			
CRV	NL 766124390	Delta Esbit		Leonardo	Final	Gna	87	+200	-7	601	91	+872	+0,19	+0,14	+0,17	+55	+44	+56	+313	-14	-2	86	+409	110	96	100	99	96	89	105	96	104	104	101	104	104			
CRV	BE 418630184	Delta Lawrence		Trust	Barcley	Gna	86	+200	-34	440	91	+903	-0,06	+0,10	+0,04	+32	+41	+45	+249	-20	+79	85	+308	100	103	102	105	102	103	107	96	97	96	105	101	102			
STG	US 3138310311	Redrock-View Klutch		Jedi	Kingboy	Nat	84	+200	-3	79	92	+1119	-0,21	-0,01	+0,04	+27	+38	+55	+229	+6	+2	84	+887	105	104	105	99	101	94	98	90	102	102	111	89	101			
Sem	CA 12609015	Progenesis Fabulous		Jett	Kingboy	Nat 2n	81	+199	-15	51	89	+2013	-0,62	-0,27	-0,05	+18	+41	+86	+232	-35	-17	81	+641	110	100	104	100	102	97	103	89	98	104	109	94	102			
ABS	US 3141559636	Denovo 14242 Kokomo		Blowtorch	Mr Mogul Delh	Nat	90	+199	+14	800	95	+1560	-0,27	-0,28	+0,06	+38	+25	+78	+206	+13	-12	86	+453	106	108	102	99	102	103	96	94	100	104	108	101	105			
WWE	US 3142352034	Trent-Way-Js Ronald	RF	Salvatore Rc	Silver	Nat	90	+199	-36	591	94	+1010	-0,20	-0,12	+0,08	+23	+23	+54	+159	-29	+26	86	+510	104	105	106	104	103	102	102	96	91	100	111	100	103			

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

NVI melkdoel = 0,37*Inet+0,07*ldv+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVI dubbeldoel = 0,33*Inet+0,09*ldv+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	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-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgE	Kgl	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T	
Melkdoel Zwart																																					
WWF	US 3138843085	Cherry-Lily Zip Luster-P	PO	Ocd Eraser Zlr Kingboy	Nat	2n	88	+187	+33	435	94	+1426	+0,05	-0,14	+0,21	+66	+35	+87	+308	+85	+28	84	+233	103	102	106	98	105	103	96	95	99	102	107	101	104	
STG	US 3126776429	Edg Delta B52		Mr Mogul Del Roylane Booki	Gna		88	+187	+19	193	95	+606	+0,33	+0,05	-0,03	+57	+26	+25	+234	+15	+52	86	+41	106	106	100	98	105	99	100	92	93	95	107	97	99	
Sem	CA 12857690	Pine-Tree-I Pursuit		Imax Profit	Nat		82	+186	+12	81	90	+785	+0,12	+0,02	+0,07	+45	+29	+43	+226	+5	-2	82	+304	103	105	105	100	107	106	102	91	106	103	107	101	106	
Sem	CA 12638218	Westcoast Alcove		Duke Mvp	Nat	2n	88	+185	+26	280	94	+2198	+0,12	-0,11	-0,01	+107	+64	+99	+517	+33	+19	86	+102	94	102	99	98	104	99	103	94	101	105	105	93	100	
K&L	US 69763386	View-Home Day Missouri		Day Roylane Socra Nat			93	+185	-6	384	98	+2515	-0,67	-0,28	-0,09	+31	+56	+105	+326	-4	+56	93	+339	102	100	105	100	95	98	102	96	87	93	104	94	94	
CRV	NL 659618111	Delta Relevant		Mobile Chevrolet	Gna		95	+185	-5	603	99	+666	+0,31	+0,15	-0,03	+58	+37	+28	+282	-5	+46	94	+378	109	98	105	102	101	103	95	97	100	101	99	103	101	
Syn	NL 750760885	Veenhuizen K&J Jameson		Jetset Balisto	Gna	2n	83	+185	-14	37	89	+891	-0,03	+0,05	+0,09	+35	+36	+49	+236	-9	-4	84	+749	108	97	101	104	105	101	102	90	102	102	112	96	105	
Kam	NL 754797894	Vandenbergh Niro		Bravo Borussia	Gna		87	+184	+7	123	93	+1384	-0,05	+0,13	+0,08	+54	+61	+71	+385	+22	+52	86	+241	105	96	103	103	98	97	99	91	98	101	103	98	100	
WWF	US 3149513988	Clear-Echo Tahiti Truxton		Tahiti Badares	Nat		77	+184	+22	88	84	+1134	+0,30	-0,01	-0,09	+78	+38	+43	+333	+93	+1	78	+369	99	103	104	99	102	102	98	86	102	103	108	101	106	
Alt	CA 13024756	Progenis Altapledge		Guarantee Jedi	Nat		82	+184	-6	112	89	+941	+0,12	+0,17	-0,07	+52	+49	+36	+321	-8	+25	75	+396	102	104	108	100	103	101	99	78	97	98	103	89	95	
Kam	NL 654819067	De Vlog Wilsons		Treasure Jetset	Gna	Gn	82	+184	+3	86	88	+997	+0,07	-0,03	-0,01	+49	+32	+47	+248	+59	+14	84	+368	107	98	109	105	103	99	105	100	101	100	101	102	102	102
Tot	US 3138766402	Mr Charley Its Me		Dg Charley Bombero	Nat		78	+183	-18	59	87	+1464	-0,16	-0,05	+0,12	+46	+46	+79	+309	-22	+29	76	+281	101	103	105	102	99	97	102	76	96	101	100	99	98	
Vek	NL 668318112	Vvh Josuper Bruce		Josuper Topgear	Nat	n	77	+183	n	98	84	+1348	-0,22	-0,10	+0,00	+35	+37	+62	+244	n	-39	77	+358	106	103	103	98	99	94	103	81	102	104	102	99	102	
WWF	US 3141562808	Melarry Frazzled Fyi		Frazzled Balisto	Nat		87	+183	+19	171	92	+896	-0,04	-0,05	-0,07	+34	+26	+34	+188	+26	+26	83	+367	108	105	107	102	99	102	101	93	97	96	101	93	95	
ABS	UK 72794270038	Wiltor Bestman		De-Su 12128 T Supersire	Nat		74	+183	+7	25	83	+457	-0,09	-0,19	+0,17	+11	-2	+37	+26	+18	+34	77	+975	110	104	94	99	100	100	105	83	100	102	103	101	102	
WWF	US 3145055197	S-S-I Bg Frazzled Speedy		Frazzled Marty	Nat		79	+182	-5	52	87	+1731	-0,25	-0,22	-0,05	+47	+37	+74	+273	-2	+16	80	+508	108	101	106	99	104	97	97	86	101	100	101	90	96	
Sem	CA 12529310	Progenis Padawan		Jedi Enforcer	Nat		82	+182	+10	32	90	+1563	-0,78	-0,07	+0,03	-15	+47	+75	+184	+26	-6	83	+602	102	110	101	102	102	94	101	90	99	103	105	93	99	
Sem	CA 12609140	Progenis Positive		Duke Rubicon	Nat		82	+181	+38	34	88	+1462	+0,44	+0,03	-0,08	+107	+54	+59	+464	+23	+23	83	+168	97	100	103	98	99	102	92	101	105	106	95	102		
CRV	US 3142181270	Peak Matchup		Altatopshot Mr Mogul Deli	Gna		79	+181	+10	39	86	+1660	-0,12	-0,10	+0,07	+58	+47	+83	+339	+15	+53	82	+194	100	103	106	103	104	101	101	88	100	103	100	95	98	
Sam	NL 872390502	Vrj Slash		Balu Malki	Gna		96	+180	+11	5024	99	+537	+0,11	+0,24	-0,19	+33	+41	+7	+240	-1	-3	94	+298	105	103	99	103	83	93	107	99	101	106	99	103	102	
DE	0360408598	Sullivan		Superhero Missouri	Gna		82	+180	+10	25	85	+1612	-0,44	-0,11	+0,03	+22	+38	+77	+225	-11	+39	82	+403	104	103	102	99	97	95	105	92	97	100	103	95	98	
Gex	US 3149282288	Mahr-Bross Scuttie Dandy		Pine-Tree Wilc Mr Oak Delco	Nat		78	+180	+13	61	84	+131	+0,51	+0,12	+0,06	+51	+15	+11	+172	-1	+32	77	+427	105	104	106	104	102	96	105	83	101	100	101	97	99	
Sem	CA 12192429	Silverridge V Eugenio		Supershot Mccutchen	Nat		93	+179	-12	428	98	+1310	-0,23	-0,27	+0,07	+32	+18	+67	+161	-7	-6	92	+360	104	105	106	100	103	102	103	95	98	104	109	101	105	
CRV	NL 565103198	Delta Jigger		Esperanto Reflector	Gna		95	+179	-12	9954	97	+30	+0,03	+0,09	-0,04	+4	+9	-2	+45	-13	+9	91	+629	105	103	100	103	103	97	110	99	101	102	109	108	110	
Alt	CA 13227660	Peak Altahawthorn		Marius Frazzled	Int		66	+178	+14	36	84	+1513	-0,11	-0,02	+0,00	+53	+51	+69	+341	+4	+42	47	+355	101	100	104	101	102	99	69	99	100	105	95	100		
GGI	DE 0667146583	Hellmuth's Pik As		Pinterault Hotshot	Gna		85	+182	+38	151	88	+27	+0,45	+0,23	-0,13	+41	+21	-10	+169	+56	+7	80	+518	107	102	100	106	99	96	103	90	95	98	103	104	102	
Sem	CA 12529327	Progenis Topnotch		Jedi Lottomax	Nat		81	+178	-7	22	88	+1006	-0,31	-0,05	+0,05	+12	+30	+51	+164	+2	+6	83	+556	106	105	105	100	105	96	102	90	102	102	110	90	101	
Alt	US 3142181106	Peak Altaliaison		Altarobson Mr Mogul Deli	Nat		91	+177	-5	529	97	+1020	-0,04	+0,14	+0,02	+39	+49	+49	+298	-7	-10	88	+442	103	104	105	100	101	104	96	93	104	102	103	97	102	
OBS	DE 0360208954	Felix		S-S-I 1stclas F Montross	Gna		86	+177	+15	142	91	+1029	-0,01	-0,01	-0,05	+43	+35	+42	+246	+15	+23	82	+269	99	107	105	102	102	99	100	89	100	102	108	97	103	
CRV	NL 679611154	Delta Beatle		Commander Fever	Gna		94	+177	-8	387	98	+200	+0,36	-0,08	+0,15	+41	+0	+23	+93	-9	+26	93	+219	111	100	102	102	104	99	109	97	98	98	107	105	105	
LIV	US 3140986110	Leaninghouse Lgdry Maxim		Legendary Jacey	Nat		71	+177	+5	43	81	+897	-0,32	-0,17	+0,04	+7	+15	+45	+90	+1	-11	70	+415	108	107	103	99	104	95	105	73	103	103	104	100	103	
CRV	NL 724941269	Welder Endurance		Bravo G-Force	Gna		97	+176	+4	2035	99	+1093	+0,00	+0,01	+0,03	+46	+39	+53	+272	+5	+50	96	+434	105	100	102	105	101	97	105	79	103	104	102	95	95	
Sem	DE 0539843407	Wildar Mark	RF	Apprentice Supershot	Nat		87	+176	+7	204	92	+1569	-0,19	-0,20	+0,09	+47	+34	+81	+262	+16	-4	83	+428	97	104	107	102	102	101	105	92	104	104	106	100	105	
Alt	US 73953344	Bomaz Altacapo		Altaprimo Roylane Socra Nat			87	+176	-7	131	94	+609	+0,09	+0,16	+0,00	+34	+36	+28	+227	+5	+5	83	+196	106	109	100	95	103	98	100	79	100	101	100	94	97	
Syn	DE 1405290977	Topmodel		Altatopshot Silver	Gna		89	+175	-8	579	94	+650	+0,43	+0,19	+0,13	+68	+41	+42	+324	-4	-15	86	+125	103													

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

NVI melkdoel = 0,37*Inet+0,07*ldv+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVI dubbeldoel = 0,33*Inet+0,09*ldv+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

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KI	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	Productie										BVK	Functioneel										Exterieur													
										AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI		+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	SFCM	Rel	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F
Melkdoel Zwart									pnt			Productie										€			Functioneel										Exterieur									
ABS	US 3014562044	Sandy Valley Gs Goldrush		Silver	Meridian	Nat	91	+166	-10	335	97	+1240	-0,01	-0,14	+0,17	+52	+29	+74	+250	+1	+24	90	+258	103	102	102	100	100	106	102	93	97	103	105	99	102								
Kam	NL 688317254	G. N. Almera	RF	Laurent P Rf	Supersire	Gna	82	+165	-12	46	89	+1091	-0,03	+0,05	-0,03	+43	+43	+47	+281	+2	+17	83	+498	106	96	99	94	104	94	103	89	102	103	103	100	103								
CRV	NL 843890655	Delta Lendor		Vh Stu	Bube	Gna 2n	98	+165	-14	13976	99	+188	+0,34	+0,22	-0,06	+39	+26	+3	+189	-8	+62	97	+147	106	102	99	96	103	91	106	99	94	93	100	100	97								
Sem	CA 13030416	Claynook Zasberilla		Casper	Duke	Nat	74	+164	+34	31	84	+1117	+0,53	+0,24	-0,06	+100	+63	+45	+482	-37	-4	79	+69	100	99	100	99	97	101	88	103	105	108	89	100									
STG	US 3132198333	Mr Rubicon Dynamo		Rubicon	Roylane Socra	Nat	86	+164	+0	46	91	+1574	-0,17	-0,20	+0,07	+49	+34	+79	+266	+23	+24	84	+575	104	99	103	101	102	97	97	91	102	106	103	99	103								
Gex	US 3200824963	Peak Fortnite		Positive	Frazzled	Nat	78	+164	+5	75	85	+911	+0,15	+0,02	-0,08	+53	+34	+34	+261	-7	+5	79	+246	105	102	106	103	100	102	91	101	105	104	94	101									
OBS	DE 0360175030	First		Finder	Lexington	Gna	85	+164	+0	56	91	+668	-0,10	-0,06	+0,10	+19	+18	+40	+126	-20	+37	85	+455	108	102	102	102	104	101	101	90	98	98	105	99	101								
Sem	US 3137164268	Regan-Danhof Copyright		Imax	Jedi	Nat	83	+162	+5	62	87	+1857	-0,12	-0,19	-0,02	+66	+44	+83	+344	+30	-23	81	+301	103	99	103	103	107	103	102	90	104	107	110	92	103								
GGI	DE 0666959699	My Dream P	RF PO	Mission P	Shotglass	Gna	80	+162	-7	22	88	+977	-0,08	+0,18	-0,01	+34	+52	+44	+298	+17	+41	82	+199	102	100	106	102	98	102	103	90	98	99	103	94	98								
Sem	CA 12857537	Silverridge V Circus		Hardrock	Duke	Nat	80	+161	+11	89	87	+1047	+0,26	+0,06	+0,17	+70	+42	+65	+339	+24	-16	80	+329	103	100	104	96	101	105	89	104	104	107	92	101									
ABS	US 3145288734	Ri-Val-Re Radical		Achiever	Rubicon	Nat	79	+161	+12	59	87	+744	+0,48	-0,10	-0,07	+78	+16	+27	+238	+41	+11	80	+464	104	100	100	99	105	102	87	101	102	106	101	104									
Gex	US 3138766984	Aardema Moondance		Matters	Josuper	Nat	80	+161	+4	65	85	+706	+0,31	-0,03	+0,17	+60	+22	+48	+231	-12	-18	79	+359	107	104	106	100	103	101	99	88	103	102	98	95	97								
GGI	DE 0667337098	Best Benz		Benz	Damaris	Nat	79	+159	+50	61	87	+1628	-0,27	-0,07	-0,01	+41	+49	+73	+309	+106	+17	80	+468	99	104	103	102	101	100	96	90	95	99	102	95	97								
GGI	IT 028990352947	Simox		Supershot	Let It Snow	Gna	89	+159	+0	122	94	+1607	-0,45	-0,10	+0,10	+21	+45	+84	+254	+4	-28	86	+240	105	102	99	99	106	101	105	93	105	106	105	98	104								
Alt	US 69829746	Lone-Oak-Acres Altarabo-Et		Mogul	Observer	Nat	97	+159	-3	3807	99	+1075	-0,11	-0,21	+0,13	+35	+17	+62	+162	+6	+31	99	+337	107	102	101	101	106	103	98	99	100	102	107	101	105								
GGI	DE 0539638681	First		Finder	Racer	Gna	91	+159	-14	424	97	+112	+0,10	+0,11	+0,05	+14	+14	+10	+90	-7	-11	88	+242	103	104	105	103	106	102	110	94	104	103	105	108	109								
CRV	NL 885570953	Delta Jens		Rush Hour Cd	Reflector	Gna	90	+159	-19	1097	94	+351	-0,13	+0,01	+0,14	+3	+13	+29	+68	-31	-26	87	+804	107	100	100	105	102	98	106	99	103	105	108	106	109								
Kam	NL 748583542	Ricolm	RF	Malcolm Rf	Leonidas	Gna	86	+159	+14	237	92	+99	+0,12	+0,03	-0,04	+15	+6	+1	+56	+22	+44	86	+383	108	103	104	95	101	95	101	92	103	102	99	109	105								
Dek	FR 6114354190	Opera		Adorable	Wickham	Gna	80	+161	+11	54	87	+1017	+0,00	+0,06	+0,04	+43	+41	+50	+273	-33	-34	82	+133	101	100	101	97	104	105	108	90	106	105	108	105	109								
ABS	US 3201859526	Ocd Marvel		Kenobi	Mr Mogul Deli	Nat	70	+158	+9	50	80	+589	+0,24	+0,06	+0,12	+48	+26	+38	+219	+3	-4	75	+549	100	104	103	101	102	101	82	101	105	109	96	104									
CRV	NL 561145280	Delta Freerider		Rocky	Gibor	Gna	95	+158	-5	715	99	+398	+0,08	+0,20	-0,03	-10	+3	-21	-15	-7	-15	95	+625	111	107	105	107	99	97	103	97	93	99	99	101	98								
ABS	US 3150607305	Denovo 15225 Seltzer		Skywalker	Josuper	Nat	76	+157	-17	105	86	+1043	-0,02	-0,06	-0,06	+42	+30	+42	+224	+4	+26	79	+363	94	107	108	104	105	104	85	100	100	109	97	103									
CRV	NL 749582704	Kna August	RF	Janko	Rocky	Gna	86	+157	+8	474	91	+597	+0,13	+0,13	+0,00	+38	+33	+27	+223	+27	-10	85	+393	107	102	108	102	98	93	100	95	93	101	103	99	99								
Sem	CA 12452135	Progenisis Dropkick		Superhero	Kingboy	Nat	80	+157	-1	87	87	+1077	-0,18	-0,10	-0,02	+28	+28	+47	+188	-1	-10	74	+429	106	103	103	94	101	103	84	94	100	110	93	100									
Syn	DE 0359821287	Salvo Rdc	RF	Salvatore Rc	Commander	Gna	82	+157	-7	53	89	+851	+0,08	-0,16	+0,11	+44	+14	+50	+165	+12	+35	83	+197	106	103	104	100	102	97	102	91	97	102	105	97	100								
WWE	US 3144506083	Kerndtway Exodus		Reason	Heisenberg	Nat	70	+157	-2	30	80	+716	+0,02	-0,11	+0,02	+32	+14	+35	+135	-18	+28	75	+447	108	105	102	88	101	104	100	81	93	97	105	90	95								
K&L	DK 03200303904	Vh River Ramsey		Vh River	Penley	Gna	89	+157	+3	272	93	+162	-0,04	+0,16	+0,10	+3	+20	+16	+93	+34	+22	84	+784	104	103	101	104	106	96	99	94	103	102	102	106	105								
Alt	US 3145229960	Peak Altamorris		Duke	Rubicon	Nat	84	+156	+19	124	91	+1665	-0,02	-0,05	+0,06	+68	+53	+82	+385	+67	+33	83	+453	101	97	103	102	105	100	95	90	97	102	105	93	98								
GGI	NL 714486596	Peeldijker Freezer		Finder	Silver	Gna	85	+156	-10	85	91	+1151	-0,16	-0,14	+0,14	+33	+26	+67	+196	-45	-6	85	+417	104	101	102	96	103	104	100	92	104	104	107	104	108								
Alt	US 143796927	Schoene-Kuh Altarobert		Altarobson	Josuper	Nat	87	+156	-15	165	92	+626	+0,76	+0,35	-0,05	+36	+7	-33	+94	-10	-36	83	+488	102	109	106	101	98	102	104	90	98	103	101	102	101								
STG	US 3125993715	Farnear Delta-Lambda		Mr Mogul Deli	Numero Uno	Nat	91	+155	+24	541	97	+1067	-0,05	-0,06	+0,11	+40	+31	+60	+229	+29	+18	89	+282	102	103	99	98	104	103	101	96	97	103	110	97	103								
Kam	NL 941989044	Peeldijker Populist		Barrage	Fanatic	Gna	82	+155	-9	80	88	+1128	-0,20	-0,03	-0,04	+28	+36	+48	+221	-25	+11	84	+276	104	103	104	99	101	95	99	100	105	103	98	103	102								
Alt	US 3147839960	Peak Altaroady		Altarobson	Supersire	Nat	78	+155	+1	58	86	+52	+0,42	+0,19	-0,06	+40	+19	+3	+161	-18	-5	79	+283	104	105	107	102	104	100	107	85	103	102	100	95	99								
CRV	NL 687206696	Delta Concert		Crescendo	G-Force	Gna	98	+155	-3	4531	99	+802	-0,11	-0,09	-0,03	+23	+19	+34	+136	+3	+67	99	+459	102	107	103	101	99	101	97	99	97	101	101	97	98								
Gex	US 73316308	Weigeline Jacey Tabasco		Jacey	Bookem	Nat	95	+154	-3	1198	99	+1679	-0,34	-0,02	+0,00	+35	+56	+77	+326	-2	-7	95	+241	102	102	105	100	106	98	98	97	106	103	98</										

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

NVImelkdoel = 0,37*Inet+0,07*ldv+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*ldv+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext	pnt		
																																					AI	Bull number	Bull name
K&L	DK 03388505909	Vh Blush Bradoc		Vh Blush	Bynke	Nat	80	+148	+26		21	84	-1163	+0,34	+0,40	+0,05	-23	-10	-49	-104	+14	+11	78	+791	110	108	106	104	97	102	104	86	97	98	101	103	101		
CRV	NL 941050441	Delta Beatrix		Amigo	Fanatic	Gna	96	+147	-1		2180	99	+887	+0,17	+0,12	-0,08	+54	+43	+33	+300	+3	+73	96	+144	100	98	104	102	98	104	105	99	102	100	97	98	98		
Alt	US 3145240286	G-Deurter Altairan		Altarobson	Rubicon	Nat	75	+147	+19		25	83	+478	+0,53	+0,13	-0,13	+70	+29	+34	+276	+36	-13	78	+253	101	105	106	98	102	99	97	86	104	103	103	94	100		
WWE	US 3131992881	Leaninghouse Helix 22137		Hang-Time	Jacey	Gna	91	+147	+27		306	96	+15	+0,38	+0,17	+0,01	+34	+16	+0	+137	+6	-9	86	+310	106	103	103	98	109	99	104	93	101	102	106	98	103		
Sem	CA 13024760	Progenesis Digital		Hotline	Duke	Nat	74	+146	+26		63	84	+1539	+0,05	-0,19	+0,18	+70	+34	+89	+313	+25	-29	78	+51	102	103	106	101	97	100	85	105	104	105	94	102			
ABS	US 3130010426	De-Su 13181 Quantum	CD	Supershot	Mogul	Nat	80	+146	+1		29	87	+1048	-0,16	+0,13	+0,07	+29	+49	+55	+278	-6	-23	82	+270	104	100	104	101	106	97	101	87	103	104	105	96	102		
ABS	US 3149432290	Winstar Duluth		Medley	Jedi	Nat	81	+146	+57		136	85	+248	+0,40	+0,18	+0,15	+47	+25	+25	+209	+59	-23	78	+676	104	102	103	100	102	100	97	80	95	104	105	95	99		
WWE	US 3142352961	S-S-1 Pr Renegade		Jaltaoak	Millington	Nat	85	+145	+4		281	88	+903	+0,32	+0,08	+0,14	+69	+39	+55	+321	+8	-17	81	+201	100	99	101	95	99	100	101	93	103	106	106	103	107		
Kam	NL 759464746	Katershorst Willem		Wisent Rf	Bookem	Gna	86	+145	+2		128	92	+408	-0,30	+0,04	+0,03	-10	+18	+21	+59	+15	+25	86	+272	104	106	103	102	101	103	107	91	100	101	106	98	102		
GGI	DE 0360848342	Saveli		Sharpe	Missouri	Gna	82	+144	-13		100	89	+1137	+0,05	-0,02	+0,06	+53	+38	+58	+285	+7	+29	82	+308	102	98	96	95	97	97	104	90	102	103	107	96	103		
Syn	DE 0359235304	Bestday		Bestboss	Balisto	Gna	80	+144	+23		32	88	+831	+0,05	+0,10	+0,04	+40	+39	+42	+257	+13	+68	81	+303	104	98	97	97	95	96	100	98	98	98	106	95	100		
WWE	US 66636657	De-Su 521 Bookem		Planet	Ramos	Nat	97	+144	-3		5569	99	+833	-0,25	-0,07	+0,02	+11	+22	+40	+125	+4	+28	99	+299	105	105	106	99	103	95	97	99	101	100	103	99	101		
CRV	NL 682548137	Delta Jacobus		Topgear	Mobile	Gna	96	+144	-19		3051	99	+410	-0,06	-0,06	-0,03	+12	+9	+16	+67	-34	-32	93	+497	106	106	101	101	99	96	106	99	97	105	101	101	101		
GGI	DK 259417	Match P	RF PO	Mission P	Silver	Gna	83	+143	+8		46	90	+1846	-0,25	-0,16	+0,00	+52	+47	+84	+327	+25	+19	83	+228	101	100	102	98	101	100	100	92	97	102	105	92	98		
WWE	US 3137164155	Regan-Danhof Cascade		King Royal	Supershot	Nat	75	+143	+2		50	83	+648	+0,20	-0,02	+0,04	+46	+21	+33	+193	+26	-20	77	+305	102	105	105	96	101	104	102	84	104	104	108	93	102		
Alt	US 3140239377	Matcaste Altauchillo		Bandares	Mr Mogul Delh	Nat	85	+143	-9		112	93	+458	-0,03	+0,02	+0,01	+17	+18	+22	+116	+7	-39	83	+514	105	105	104	95	101	107	101	88	105	104	105	99	104		
CRV	NL 573364710	Delta Skippy		Paragon	Vitesse	Gna	93	+142	+3		517	98	+52	+0,69	+0,32	-0,18	+64	+30	-14	+253	+4	-23	90	+20	106	98	101	99	100	101	107	97	107	104	106	100	106		
Syn	DE 0359556232	Gga Keich		Kerrigan	Balisto	Gna	82	+142	+6		28	89	+1294	-0,28	-0,01	-0,04	+26	+44	+55	+252	+12	+15	82	+513	106	99	98	98	102	99	96	91	103	100	106	94	101		
WWE	US 31494326600	Leaning Captivating		Riveting	Hotline	Nat	76	+142	+20		132	86	+252	+0,45	+0,10	+0,05	+45	+18	+16	+188	+29	-11	79	+123	103	105	103	100	100	101	88	102	103	105	101	104			
Sam	NL 612179361	Plataan Florus		Slash	Octoberfest	Nat	84	+142	+10		344	90	+392	+0,17	+0,07	-0,10	+32	+20	+9	+152	-6	+1	83	+252	107	105	96	97	97	99	90	103	100	100	103	102			
Alt	US 3129128763	Peak Altatrueshot		Supershot	Mccutchen	Nat	95	+142	-16		1699	99	+174	+0,23	+0,05	-0,07	+28	+11	+14	+108	-4	-49	94	+381	104	106	107	102	104	99	107	96	106	106	101	98	102		
GGI	US 3142332606	Scorpion		Pine-Tree Wilc	Bandares	Gna	79	+141	-24		108	86	+767	+0,08	+0,19	+0,03	+40	+45	+38	+280	-6	-33	80	+137	99	102	103	98	103	103	105	90	96	100	106	100	102		
Sem	CA 109603328	Lesperron Santorius	RF	Jedi	Kingboy	Nat	79	+141	+8		30	86	+1568	-0,34	-0,11	-0,04	+31	+43	+67	+262	+37	-26	80	+323	105	104	105	98	103	93	97	87	104	102	102	89	97		
Sem	US 3135087143	Stantons Useful		Woodcrest Mc	Camaro	Int	84	+141	+17		57	91	+445	+0,38	+0,10	+0,00	+54	+25	+20	+222	+23	+30	74	+116	97	104	104	100	105	105	95	79	98	98	105	99	101		
CRV	NL 884786706	Delta Yes		Ranger	Malci	Gna	89	+141	-44		723	93	+664	+0,16	-0,06	+0,07	+43	+17	+37	+171	-41	+1	87	+122	99	102	98	102	103	94	109	97	108	106	108	109	112		
Sem	US 3128769279	Stantons Alligator		Kingboy	Mccutchen	Nat	88	+141	-12		316	93	+1127	-0,23	-0,23	+0,03	+25	+16	+54	+134	-39	-19	83	+144	106	103	104	98	100	95	101	94	100	104	111	101	107		
Tot	NL 626251510	Dg Eagle		Imax	Montross	Gna	80	+140	+7		38	87	+1781	-0,07	-0,10	-0,04	+68	+51	+77	+375	+17	+29	82	+234	99	99	100	102	103	101	100	91	103	103	102	93	99		
Alt	US 3142181103	Peak Altaingold		Hotline	Supershot	Nat	84	+140	-4		122	91	+1139	+0,02	+0,01	+0,10	+50	+41	+62	+292	-18	+52	83	+126	98	104	103	103	98	98	96	88	94	96	105	101	101		
Alt	US 3141559953	No-Fla Altaronodon		Rowdy	Midnight	Nat	84	+140	+14		127	92	+1251	+0,03	-0,09	-0,03	+56	+34	+54	+273	+21	-3	82	+488	105	96	105	103	103	102	89	103	103	106	93	101			
CRV	NL 748138760	Delta Reporter		Skyfall	Belfast	Gna	96	+140	-15		1380	99	+480	-0,22	+0,13	+0,01	+0	+29	+23	+126	+1	+63	95	+172	101	105	101	101	92	98	107	99	101	100	96	102	99		
WWE	US 3140616346	Sandy-Valley Eisaku		Ocd Spring Sa	Rubicon	Nat	73	+139	-27		41	83	+1056	+0,07	-0,10	-0,07	+52	+27	+41	+232	-35	+26	79	+218	98	104	105	94	101	102	88	98	101	103	99	101			
Kam	NL 936200505	Vandenberg Sneaker		Chuck	Borussia	Gna	93	+139	-10		723	98	+150	+0,29	+0,16	-0,02	+32	+20	+5	+151	+4	+25	90	+491	99	102	104	103	107	104	107	95	101	102	104	98	102		
WWE	US 3142934562	Ocd Helix Milford		Helix	Mr Mogul Delh	Nat	82	+138	+6		80	86	+1200	+0,33	+0,05	+0,02	+84	+47	+57	+386	+59	+44	80	+116	101	96	101	99	101	97	88	95	101	103					

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

NVImelkdoel = 0,37*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

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Table with columns: Ki Stiernummer, Stiernaam, Erf-fact, Vader, M-vader, B N, Bt NVI +/-, dtrs, Bt kgM, %V, %E, %L, kgV, kgE, Kgl, INET +/-, BVK, Bt Lvd, Ugh, Vru, Gin, Geb, KA, MS, Kgh, Bt F, T, U, B, Ext. Rows include various bull names like Peak Altatierod, Sabber, Denovo 15476 Hendrix, etc.

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

NVImelkdoel = 0,37*Inet+0,07*ldv+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*ldv+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext																																													
																																					AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T							
																																Productie										€										€										Functioneel										Exterieur									
WWE	US	143189741		Wa-Del Yoder Bandares	Woodcrest Mc	Massey	Nat	93	+116	-9	571	98	-147	+0,29	+0,15	+0,02	+19	+8	-5	+71	+17	-40	91	+530	105	104	101	98	101	108	100	97	103	105	107	99	105																																												
Kam	NL	935364071		Kik Divine	Supershot	Altaiota	Gna	91	+115	-23	336	96	+544	+0,18	+0,12	-0,01	+40	+30	+24	+214	-34	+9	88	+185	100	102	105	100	101	105	101	94	104	104	98	99	100																																												
CRV	NL	628758037		Delta Novasol	Barrage	Regard	Gna	89	+115	+2	601	93	+538	+0,22	+0,03	+0,04	+43	+22	+28	+189	+7	+39	86	+83	105	101	102	101	100	96	99	96	96	98	96	99	96																																												
WWE	US	3130915846		Cookiecutter Md Hardrock	Modesty	Capital Gain	Nat	2n	88	+115	-4	139	93	+1183	-0,10	-0,21	+0,12	+40	+20	+66	+186	+2	+39	84	+60	100	102	108	101	102	106	100	91	97	100	103	97	99																																											
WWE	US	3130915852		Cookiecutter Humblenkind	Modesty	Epic	Nat	85	+115	-1	48	90	+464	-0,06	-0,08	+0,17	+14	+9	+37	+77	-1	+49	83	+229	97	105	105	104	100	103	103	90	91	96	110	99	101																																												
Sem	US	3015031111	RF	Ladys-Manor Advice	Olympian	Mogul	Int	73	+114	+8	18	89	+1374	-0,30	-0,24	-0,01	+28	+23	+62	+172	+27	-14	67	+273	104	101	101	93	102	98	99	70	103	104	108	97	104																																												
Sem	US	3014562064		Sandy-Valley Crackshot	Supershot	Mogul	Nat	86	+114	-7	61	91	+1196	-0,16	-0,26	+0,09	+35	+16	+64	+158	-24	+15	84	+290	102	98	99	105	104	101	104	89	101	102	107	103	106																																												
CRV	NL	660160281		Delta Lustrum	Topgear	Let It Snow	Gna	2n	97	+114	+0	3394	99	+309	-0,10	+0,13	-0,06	+4	+23	+9	+105	-6	-39	95	+435	101	101	102	100	102	100	107	99	105	107	100	109	107																																											
Syn	NL	537453128		Heidenskipster Beart	Beacon	Goldwyn	Gna	96	+114	-5	2357	99	+372	-0,49	-0,23	+0,08	-29	-8	+24	-87	-1	+64	97	+206	101	109	103	103	97	105	103	99	95	95	106	107	105																																												
CRV	NL	676012246		Delta Lunar	Chuck	Pepe	Gna	98	+113	-8	20315	99	+418	+0,46	+0,13	+0,06	+60	+27	+25	+244	+4	+15	95	+287	97	98	102	103	104	95	104	99	102	104	108	98	104																																												
Tot	NL	941059013		Dg Reckless	Rubicon	Cashcoin	Nat	73	+113	-10	37	84	+1018	+0,20	-0,15	+0,14	+63	+21	+60	+236	-35	+3	72	+303	98	102	104	101	99	102	99	70	103	104	103	96	101																																												
Alt	US	3131131390		Peak Altaforever	Silver	Badger-Bluff F	Nat	93	+113	+2	657	98	+674	+0,19	+0,01	+0,02	+47	+24	+33	+207	-1	-16	92	+136	99	104	104	100	95	104	100	93	99	105	107	96	102																																												
Tot	NL	699058814		Hul-Stein Breezer	Achiever	Octoberfest	Nat	81	+113	-13	85	89	-89	+0,64	+0,04	-0,07	+52	+0	-10	+106	-27	+43	80	+170	102	103	105	102	105	97	101	89	96	96	105	97	99																																												
GGI	DE	0122629464	RF	Starello	Styx	Galaxy	Gna	83	+113	-15	48	90	+713	-0,35	-0,16	-0,07	-3	+10	+26	+43	-8	-2	82	+214	103	106	102	103	96	99	102	90	93	96	105	103	102																																												
GGI	NL	549684800	RF PP	Koepen Louis PP	Label P	Epic	Gna	85	+113	+2	31	89	-498	-0,06	+0,15	+0,03	-26	-5	-20	-81	-11	-17	84	+292	105	107	102	100	102	108	89	103	103	105	93	100																																													
DE	0951596685		PP	Makari PP	Mission P	Style P	Gna	81	+112	+32	20	84	+1765	-0,41	-0,20	-0,11	+31	+40	+69	+250	+70	+84	82	+55	98	97	102	103	100	102	104	92	94	93	102	98	97																																												
STG	US	3132349851		Mr Spring Noble	Altaspring	Numero Uno	Nat	97	+112	-11	56	90	+855	-0,27	-0,31	-0,04	+10	+0	+35	+32	-20	+4	84	+525	106	106	104	100	98	100	97	91	102	102	109	89	100																																												
CRV	NL	883539231		Delta Fisherman	Accord	Missouri	Gna	95	+111	+3	6941	97	+178	+0,39	+0,25	-0,09	+43	+29	+0	+209	+29	+4	91	+211	105	96	102	103	103	99	98	99	105	102	103	103	103																																												
CRV	NL	623185191		Primeval Royal Magnus-Et	King Royal	Mr Mogul Deli	Nat	81	+111	+32	68	89	+248	+0,50	+0,05	+0,07	+56	+13	+18	+176	+11	+13	80	+152	104	103	104	95	98	102	96	86	99	101	105	93	99																																												
Sam	DE	0538281293		Cogent Bill	Balisto	Epic	Nat	92	+111	-2	412	97	-364	+0,64	+0,34	+0,02	+39	+16	+15	+143	+15	-52	90	+362	109	101	99	106	104	97	104	95	101	103	104	91	98																																												
OBS	DE	0356230573	CD	Modena	Mogul	Digger	Gna	83	+111	+15	25	89	+1008	-0,24	-0,16	+0,03	+19	+19	+49	+133	-5	-1	85	+352	105	99	102	104	100	104	102	90	98	101	106	98	102																																												
CRV	NL	938401263		Buisweerd Mobile	G-Force	Bertil	Gna	98	+111	-12	15200	99	-656	+0,68	+0,34	-0,06	+28	-5	-35	+69	-5	+63	99	+220	110	102	103	99	100	97	93	99	98	97	97	100	97																																												
Sem	CA	109010869		Progenis Kane	Bombero	Mogul	Nat	86	+110	+14	118	91	+2008	-0,31	-0,25	-0,24	+52	+43	+66	+305	+36	-13	80	+257	100	98	103	102	100	101	100	87	106	103	104	93	101																																												
WWE	US	300897582		S-S-I Snowman Mayflower	Snowman	Socrates	Nat	92	+110	+6	369	98	+2010	-0,54	-0,20	+0,06	+27	+48	+98	+283	+13	+17	91	+230	101	100	95	97	94	100	94	101	102	101	94	98																																													
Sem	CA	12532147		Westcoast Scotch	Montana	Supershot	Nat	81	+110	+29	62	89	+457	+0,08	-0,10	+0,28	+27	+7	+47	+100	+26	-46	80	+132	107	107	102	101	102	100	86	102	105	110	89	101																																													
CRV	NL	598753212		Lowlands Blessing	Jethro	Final	Gna	90	+110	+7	1864	93	-575	+0,36	+0,30	+0,06	+5	+5	-21	+25	-15	-26	88	+316	105	102	105	105	101	95	109	99	101	102	103	102	103	102																																											
OBS	DE	0361195337		Belami	Benz	Superhero	Gna	80	+109	-9	80	87	+1107	-0,06	+0,05	+0,05	+41	+43	+56	+279	+19	+2	81	+125	98	100	101	101	103	100	102	90	100	102	102	98	100																																												
Alt	US	3205435835		Peak Altareal Money	Altahotjob	Altamighty	Nat	78	+109	-9	93	85	+58	+0,82	+0,30	+0,08	+75	+29	+10	+279	+22	+7	79	+45	98	102	102	101	100	103	97	88	95	101	108	95	100																																												
CRV	NL	548848001		Delta Galore	Balisto	Gravity	Gna	97	+109	-20	2366	99	+1089	-0,28	-0,12	+0,03	+18	+50	+53	+259	-1	+67	97	+413	101	93	91	102	95	96	100	99	95	98	105	103	102																																												
STG	US	3129037595		Mer-James Tarnish 1220	Supershot	Mccutchen	Nat	90	+109	-20	310	95	+1109	-0,15	-0,05	+0,01	+32	+34	+52	+222	+40	-55	86	+179	101	104	98	97	104	101	101	93	95	102	101	101	103																																												
ABS	US	3013115112		Rosylane-Llc Spock	Silver	Supersire	Nat	90	+109	-16	296	96	+603	+0,42	-0,07	+0,14	+65	+14	+41	+206	-15	+7	87	+75	101	103	105	100	103	101	94	92	101	105	104	100	103																																												
DE	0358388716			Kaluscho	Kingpin	Mogul	Gna	88	+109	+8	91	94	+108	+0,32	+0,08	+0,05	+33	+11	+9	+117	+1	+45	83	+24	102	102	103	95	94	107	102	91	98	98	108	98	102																																												
Alt	US	3200824414		Peak Altawartime	Marius	Altarobson	Int	78	+109	-57	36	89	+327	+0,08	+0,03	-0,01	+21	+14	+14	+106	-125	-19	69	+521	103	102	104	94	101	97	103	72	105	104	102	96	101																																												
Sem	CA	12189029		Stantons Applicable	Silver	Mccutchen	Nat	93	+109	+6	456	98	-362	+0,30	+0,02	+0,03	+10	-11	-14	-28	-10	-54																																																											

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

NVImelkdoel = 0,37*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	Productie										BVK	Functioneel					Exterieur											
										dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET		+/-	Rel	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext	
AI	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T	
Melkdoel Zwart										Productie										Functioneel					Exterieur												
Ves	DE 0540355289	Wilder Kitami PP	RF PP	Hotspot P	Salvatore Rc	Nat	73	+100	+36	27	83	+650	-0,06	-0,02	+0,03	+22	+21	+33	+142	+111	-10	78	+157	100	105	103	99	102	87	100	103	106	96	102			
Kam	NL 175916861	De Vrendt Brad P	PO	Board	Snowman	Gna	86	+100	-13	91	93	+393	+0,01	+0,03	+0,09	+18	+16	+26	+111	-34	-5	85	+167	104	102	102	102	98	99	102	90	104	104	106	97	103	
GGI	NL 940147494	Molenskamp Bolt	RF	Bookem	Spencer	Gna	97	+100	-3	2204	99	+276	-0,07	+0,09	-0,06	+5	+18	+7	+86	+1	+60	97	-45	104	104	103	97	108	98	98	99	100	103	98	100		
CRV	NL 888659628	Delta Bookem Danno		Bookem	Bolton	Gna	98	+100	-7	33159	99	+651	-0,30	-0,10	+0,00	-1	+13	+30	+60	+1	-11	99	-8	105	103	105	99	98	94	101	99	100	103	100	109	105	
Sem	CA 12529248	Progenesis Midnight		Duke	Defender	Nat	90	+99	-4	203	96	+1261	+0,14	+0,15	+0,05	+68	+59	+63	+404	-3	-11	87	+5	93	100	103	99	103	101	97	92	102	105	105	94	101	
Tot	US 3200824712	Peak Moline		Positive	Medley	Nat	72	+99	-21	26	79	+980	+0,40	-0,01	-0,10	+81	+33	+35	+316	-111	+28	77	+75	94	102	102	99	101	106	96	85	100	100	106	93	99	
CRV	NL 677989059	Delta Joe PP	RF PP	Sunfit P	Laurent P Rf	Gna	86	+99	-14	445	91	+763	+0,09	+0,06	-0,04	+41	+32	+31	+227	-30	+29	85	+192	96	101	102	103	103	102	99	95	96	96	100	102	99	
GGI	DE 0770188609	Cover		Commander	Supersire	Gna	86	+99	+3	33	90	+610	+0,13	-0,09	+0,04	+38	+13	+32	+143	+4	+18	85	+28	99	102	105	105	104	101	104	90	95	100	105	99	101	
Tot	US 3139851226	Kings-Ransom G Dylan		Granite	Mr Mogul Deli	Gna	81	+99	+3	65	89	+8	+2,00	+0,17	+0,14	+18	+15	+13	+103	-2	+42	82	+67	102	102	104	101	105	99	99	88	97	99	111	96	103	
ABS	UK 56098970246	Netherside Equinox		Silver	Massey	Nat	70	+99	+6	19	78	+329	+0,26	+0,10	+0,10	+19	+12	+24	+96	+1	-2	72	+222	105	102	101	100	100	98	82	75	101	110	97	102	107	
CRV	NL 3140616174	Sandy-Valley Champion		Superhour	Silver	Gna	80	+98	+0	37	87	+660	+0,42	-0,02	+0,00	+68	+21	+30	+238	-7	-17	82	+52	101	104	103	99	101	100	97	89	100	104	106	98	98	
Kam	NL 933611975	Koepion Rumour		Rush Hour Cd	Board	Gna	87	+98	-25	342	92	+526	+0,06	+0,03	-0,06	+28	+21	+18	+150	+6	-7	86	+9	105	96	103	104	102	100	102	93	102	102	108	106	108	
ABS	US 3135087305	Stantons Erving		Modesty	Main Event	Nat	78	+98	+13	25	86	+189	+0,31	+0,00	-0,01	+36	+7	+8	+107	+10	+87	79	+243	101	101	102	97	98	104	85	93	95	106	97	99		
Sem	CA 12130526	Westcoat Pledge		Pulsar	Lady-Manor I	Nat	81	+98	-4	23	86	+424	+0,00	-0,08	+0,05	+18	+7	+24	+74	-14	+14	80	-73	103	104	104	100	101	100	101	86	93	98	111	98	102	
Sem	US 3140038600	Morningview Homeground		House	Jedi	Nat	70	+98	+0	32	90	-276	+0,50	+0,14	+0,01	+31	+2	-12	+70	-4	-10	67	+92	104	105	101	101	104	101	87	91	103	110	97	104		
Kam	NL 935351749	Jennekus Baryton		Barclay	Packman	Gna	2n	+97	+12	559	98	-127	+0,85	+0,44	-0,24	+69	+34	-27	+276	+25	+43	91	-108	94	100	102	99	105	98	108	95	95	95	92	103	95	
Sem	CA 12434610	Progenesis Cameron		Penmanship	Woodcrest Mc	Nat	77	+97	-3	18	85	+1248	-0,41	-0,07	-0,09	+12	+36	+48	+187	+5	-18	79	+315	99	102	103	100	98	108	101	87	100	102	103	96	100	
CRV	NL 8995672301	Delta Shiner P	PO	Benz	Finder	Gna	85	+97	-2	488	90	+620	+0,17	-0,05	+0,00	+42	+17	+28	+166	+21	-11	84	+69	103	103	101	103	104	102	98	94	97	99	104	98	100	
DE	0360175060	Rolls		Roxy B	Supershot	Gna	79	+97	+26	25	86	+1073	-0,33	-0,14	-0,11	+13	+23	+38	+133	+29	+28	81	+344	103	97	97	102	102	103	98	88	95	96	109	98	102	
K&L	DK 03001001783	Vh Beacon Booth		Beacon	Planet	Gna	88	+97	-2	122	95	+460	-0,05	+0,08	-0,13	+15	+23	+9	+129	-17	+46	87	+348	104	98	103	95	103	99	101	91	95	94	96	99	95	
CRV	NL 632175000	Delta Sturdy		Ranger	Paragon	Gna	94	+97	-27	3044	96	+104	+0,36	+0,22	+0,04	+27	+16	-1	+122	-13	-81	91	+47	105	101	103	102	107	97	101	99	104	105	109	107	110	
AWE	CA 12021596	Stantons Elapse 6815		Kingboy	Supersire	Nat	83	+97	+5	64	90	+688	-0,05	-0,14	+0,02	+24	+11	+33	+105	-16	-29	83	+333	102	103	102	99	99	101	104	87	106	104	106	95	103	
WWE	US 3131003289	S-S-I Silver Spike		Silver	Jacey	Nat	92	+96	+10	412	98	+1618	-0,40	-0,32	+0,08	+27	+23	+82	+176	+6	-11	90	-65	104	103	103	97	103	102	93	95	94	104	110	97	103	
CRV	NL 577509733	Delta Vineyard		Magister	Hero	Gna	96	+96	+2	3048	98	+875	-0,23	+0,01	+0,04	+15	+31	+44	+172	+9	+13	91	-7	100	100	102	103	102	99	102	99	104	106	108	101	107	
GGI	DE 0539063836	Born P Rdc	RF PO	Battlecry	Perfect Aiko	Gna	88	+96	-15	46	92	+61	+0,39	+0,17	-0,09	+37	+17	-5	+146	+4	+19	85	+275	104	98	101	98	98	102	101	93	101	101	101	100	101	
WWE	US 71303599	Le-O-La Mogul Gambler		Mogul	Atwood	Nat	85	+96	+9	29	88	+1172	-0,42	-0,32	+0,01	+8	+9	+55	+70	+1	+13	83	+551	102	99	103	102	100	103	101	88	98	101	109	98	103	
Gex	US 3132117270	Pine-Tree Ragen Hagar		Fairmont	Stoic	Nat	84	+95	-25	136	89	+266	-0,01	+0,06	+0,04	+10	+15	+16	+87	-27	+32	78	+433	98	100	106	100	102	102	104	85	99	99	109	96	102	
WWE	US 3131083927	Aot Silver Helix		Silver	Supersire	Nat	93	+94	+0	761	98	+1572	+0,09	-0,13	+0,01	+76	+41	+73	+350	+13	+29	91	-119	96	99	104	100	101	104	95	97	97	103	105	95	100	
WWE	US 3145229820	Peak Tropic		Hotline	Rubicon	Nat	91	+94	+10	826	94	+397	+0,39	+0,13	+0,14	+53	+26	+31	+227	-5	-33	86	-68	101	100	104	101	96	100	100	97	98	104	109	98	104	
STG	US 3134167086	Hartford Rubi-Taz		Rubicon	Altaoak	Nat	85	+94	+26	99	89	+783	+0,23	+0,13	+0,18	+55	+15	+53	+193	+57	+13	83	+285	96	102	102	100	101	102	99	89	102	102	103	100	102	
WWE	US 3139198083	Cookiecutter Highlite		Copycat	Mr Mogul Deli	Nat	82	+94	-34	190	90	+740	+0,19	-0,17	-0,12	+50	+9	+45	+155	-13	+24	81	+387	105	102	103	96	101	103	94	90	96	100	106	84	94	
Ait	US 3200824825	Peak Altasamlet		Altarobert	Modesty	Nat	79	+94	+11	97	86	+365	+0,65	+0,30	+0,02	+40	+13	+15	+133	-6	+20	79	+0	100	106	106	101	99	101	101	87	102	100	99	94	97	
Syn	DE 0357995972	Extremo		Extreme	Fanatic	Gna	2n	+94	+0	21	86	+992	-0,51	-0,15	-0,06	-8	+20	+51	+81	+9	+48	82	+485	103	100	100	99	99	100	100	88	91	95	103	96	96	
CRV	NL 931310823	Delta Rianto		Lendor	Nelson	Gna	89	+94	-41	801	93	+167	+0,23	+0,19	-0,04	+13	+11	-11	+69	-47	-16	87	+294	103	99	101	102	100	95	100	97	102	99	100	106	104	105
DE	0358671524	Raceway		Racing	Commander	Gna	79	+93	+20	18	82	+804	-0,01	-0,20	+0,10	+33	+9	+46	+120	+9	+33	81	+55														

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

NVImelkdoel = 0,37*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	Ml-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext																										
																																					AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFCM	Rel	Lon	Udh
																																	Melkdoel Zwart					Productie					€					€					Functioneel					Exterieur				
ABS	US 3127334933	De-Su 12779 Enzo		Josuper	Krunch	Int	83	+84	+6		35	90	+1174	-0,34	-0,27	-0,01	+16	+14	+53	+107	+17	+21	77	+495	100	102	102	99	102	102	95	81	98	100	105	96	100																									
Dek	FR 4242646974	Nuberon		Superhero	Silver	Gna	91	+83	-4		1945	95	-171	+0,53	+0,22	+0,04	+39	+13	-4	+134	+7	-23	87	+87	102	103	103	100	98	99	104	99	104	104	105	91	100																									
CRV	NL 684231664	Delta Leonardo		Reflector	Let It Snow	Gna	97	+83	-2		2364	99	+683	-0,24	+0,02	+0,10	+6	+26	+41	+132	-13	+14	96	+180	104	99	98	95	102	103	98	99	102	102	103	102	104																									
Sem	CA 107559777	Swissbec Brekem	RF	Bookem	Man-O-Man	Nat	97	+83	+5		10638	99	-58	+0,16	+0,14	+0,03	+12	+10	+0	+66	+7	+13	99	+208	99	106	100	100	104	99	100	99	101	103	103	100	102																									
WWE	US 3129016332	Peak Accelrenown		Donatello	Mogul	Int	79	+83	+28		31	90	+449	+0,10	-0,17	-0,01	+28	+0	+20	+65	-2	+22	69	+253	99	103	103	97	101	104	84	93	100	108	99	102																										
CRV	NL 916622424	Willem's-Hoeve K&I Javino		Concert	Balisto	Gna	95	+83	+7		1738	99	-425	+0,43	+0,18	-0,01	+18	+0	-20	+32	+21	-4	93	+451	103	105	102	102	99	99	99	101	103	95	99	102																										
WWE	US 70626040	De - Su Mg Davinci 11288		Mogul	Watson	Nat	90	+82	-14		196	96	+807	+0,03	+0,00	+0,06	+37	+28	+43	+205	-12	+5	90	+195	99	100	100	99	101	96	94	100	101	108	97	103																										
CRV	NL 671160867	Bacchus Chalk	RF	Laurent P Rf	Fun P	Gna	81	+82	-12		82	88	+1008	-0,67	-0,16	-0,01	-23	+19	+45	+43	-16	+31	82	+726	103	98	97	98	99	98	103	90	98	99	100	99	99																									
CRV	NL 585572464	Delta Andros		Jafin	Jorben	Gna	91	+82	-18		814	95	-520	+0,37	+0,16	+0,08	+9	-5	-17	-7	-6	-66	87	+406	110	99	99	102	92	91	105	97	102	101	107	104																										
DE	0666188940	Mercury		Mogul	Ronelea Toyst	Gna	84	+82	-2		16	86	+261	-0,09	-0,18	-0,01	+3	-7	+11	-19	-10	+54	83	+271	104	102	103	104	101	94	99	93	96	92	106	100	101																									
CRV	US 3129128855	Peak Hotline		Altahtrod	Mogul	Gna	96	+81	+1		2230	99	+937	+0,34	+0,06	+0,12	+73	+38	+55	+326	-12	-22	95	-395	98	98	103	101	93	104	96	99	96	101	107	105	105																									
ABS	US 58591942	Larcrest Commander		Mogul	Observer	Nat	97	+81	+2		2004	99	+1014	-0,07	-0,05	+0,15	+36	+30	+61	+217	-1	+20	97	+17	97	98	101	96	106	105	102	99	95	100	107	100	102																									
STG	US 3012574853	Mr Coin Draco 15006	CD	Cashcoin	Roylane Socra	Nat	81	+81	+4		26	88	+1099	-0,24	-0,21	+0,03	+23	+17	+53	+134	+10	+37	83	+244	105	102	100	100	103	101	95	88	96	98	105	86	94																									
WWE	CA 11591480	Delaberge Pepper		Mogul	Planet	Nat	95	+81	-8		2189	99	-398	+0,51	+0,19	+0,07	+26	+2	-12	+59	+5	-23	96	+189	104	101	104	102	107	100	99	99	103	107	108	102	107																									
Alt	US 3142181436	Peak Altabentley		Jedi	Silver	Nat	75	+80	-7		26	85	+751	-0,12	-0,03	+0,14	+20	+23	+48	+151	-4	-12	79	+260	101	102	100	99	102	96	84	101	103	107	91	100																										
ABS	US 3140038654	Morningview Radio		Humblenkind	Kingboy	Nat	76	+80	-27		52	84	+974	-0,15	-0,18	-0,20	+27	+16	+64	+142	-50	-36	77	+108	99	105	105	101	102	102	94	87	96	103	112	96	103																									
CRV	NL 735712436	Delta Jukebox P	PO	Barclay	Powerplay Pp	Gna	93	+80	-28		565	97	-386	+0,64	+0,25	-0,08	+38	+8	-24	+105	-31	-14	90	+30	103	99	100	105	104	98	97	105	106	106	107	109																										
DE	0121814244	Minosch		Missouri	Galaxy	Gna	84	+80	+3		18	87	+925	-0,57	-0,18	-0,01	-16	+15	+41	+40	-10	+10	83	+156	103	106	103	97	92	95	96	92	95	98	107	95	99																									
Alt	NL 949033666	Westenrade Altaspring		Mogul	Gerard	Nat	96	+79	-2		2390	99	+980	-0,01	-0,07	+0,00	+41	+27	+45	+210	+5	+5	96	+157	95	101	100	97	95	101	100	99	105	104	107	98	105																									
ABS	US 3128557283	Ihg Abs Jericho Et		Josuper	Mogul	Nat	95	+79	-3		1661	99	+445	+0,13	+0,03	+0,00	+31	+18	+20	+145	+16	-14	94	+106	99	103	100	100	108	107	102	97	103	105	103	99	103																									
Tot	DE 0359449298	Bg Rialto		Sixpackt	Balisto	Gna	81	+79	-5		61	89	-283	+0,40	+0,28	+0,00	+22	+14	+13	+100	-13	-11	81	+271	99	102	102	104	101	102	101	87	100	102	109	98	104																									
CRV	NL 925887513	Bouw Rocky		Shamrock	Goli	Gna	98	+79	-13		21845	99	-325	+0,11	+0,07	-0,03	-4	-5	-17	-34	-12	-57	99	+617	108	101	105	98	99	99	101	99	103	106	104	99	103																									
CRV	BE 412323882	Newhouse Jorben		Vitesse	Epic	Gna	97	+78	+6		2193	99	+312	+0,26	+0,09	+0,03	+37	+19	+17	+161	+8	-45	97	+43	104	100	100	100	94	95	104	99	102	105	107	96	103																									
Sem	US 3129016101	Stantons Performer-P	PO	Powerball P	Numero Uno	Nat	82	+78	-6		64	87	+1442	-0,52	-0,20	-0,01	+8	+30	+65	+159	-3	+31	79	+285	98	104	102	99	103	98	98	85	91	97	101	89	92																									
CRV	BE 819101846	Delta Lazer		Lustrum	Barclay	Gna	84	+78	-39		280	88	-275	+0,14	+0,28	-0,02	+0	+14	-14	+53	-17	+30	84	+302	101	97	103	105	100	100	103	93	101	100	105	106	106																									
STG	US 3132351503	St Gen 1st Grade Colby		1st Grade	Capital Gain	Int	70	+78	-50		16	86	+280	-0,18	-0,29	-0,01	-5	-17	+12	-77	-118	-20	70	+282	108	104	100	100	107	99	77	102	103	112	100	107																										
ABS	US 3141494563	Denovo 7977 Boxcar		Growl	Mr Mogul Del	Nat	85	+77	+18		241	90	+491	-0,13	+0,17	+0,16	+9	+33	+37	+165	+12	+16	79	+172	94	105	104	99	97	115	95	83	104	103	109	95	104																									
Sem	CA 12478052	Vogue Never Again PP	RF PP	Calbrett Sifter	Capital Gain	Nat	82	+77	+19		97	91	+473	-0,03	-0,19	-0,04	+17	-1	+18	+37	+14	-33	79	+200	105	104	100	98	97	101	104	100	83	100	103	106	100	104																								
Ves	NL 587576684	Farmers Wish Big Deal		Spell	Jorryn	Nat	89	+77	+14		461	95	-265	+0,22	+0,13	-0,12	+8	+2	+22	+18	+7	+39	87	+266	104	101	97	93	98	96	104	93	91	99	100	101	98																									
Sem	CA 12192430	Stiveridge V Euclid		Supershot	Mccutchen	Gna	84	+76	-3		28	90	+899	-0,12	-0,26	-0,02	+26	+6	+39	+91	-11	-18	85	+232	100	103	103	101	103	101	99	92	97	102	104	101	102																									
LIV	CA 12189058	Stantons Miss Joplin		Missouri	Mccutchen	Int	79	+76	-24		23	92	+1546	-0,58	-0,44	-0,01	+5	+8	+70	+64	-10	+2	74	+156	105	101	103	99	97	100	99	76	94	102	107	96	100																									
AWE	DE 0538538554	Brentano		Balisto	Sudan	Gna	97	+76	+0		2751	99	-208	+0,14	+0,08	+0,16	+3	+0	+4	+8	+4	+15	97	+432	106	100	99	103	101	108	102	99	103	103	104	97	102																									
Kam	NL 756624448	Giessen Utopia		Rubicon	Snowman	Gna	90	+75	+0		199	96	+119	+0,60	+0,14	+0,06	+59	+17	+11	+197	+8	+49	89	+115	103	95	98	98	92	99	96	93	102	102	105	99	103																									
ABS	CA 11720551	Brabantdale Dax		Davinci	Mccutchen	Nat	83	+75	-24		129	90	+456	+0,08	+0,07	+0,02	+27	+22	+23	+154	-35	-2	78	+260	101	101	100	100	103	96																																

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

NVImelkdoel = 0,37*Inet+0,07*ldv+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*ldv+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext																												
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T																												
Melkdoel Zwart											Productie											€											€											Functioneel											Exterieur										
Sem	CA 12609201	Progenesis Othello		Modesty	Altaspring	Nat		79	+66	+21		60	87	+841	+0,16	+0,01	+0,16	+51	+30	+54	+246	+33	+38	74	-38	90	103	98	94	96	108		79	99	100	109	94	101																											
Kam	NL 622923033	Newhouse Racoon		Magister	Platinum	Gna		85	+66	+22		125	92	+462	+0,17	+0,03	-0,04	+35	+19	+17	+157	+42	-21	85	+138	105	100	95	97	99	100	97	90	107	105	104	96	103																											
Tot	US 3148929319	Sandy-Valley Eifle		Renegade	Ocd Spring Sa	Gna		75	+66	+15		44	82	-111	+0,57	+0,07	+0,09	+45	+2	+3	+104	+16	+37	78	+43	99	101	102	96	98	103	99	87	96	100	107	98	101																											
Syn	DE 0770405805	Battlecry		Anton	Gna			83	+66	+4		22	87	+110	+0,19	+0,04	+0,00	+22	+7	+5	+76	-4	-8	82	+302	103	99	99	95	101	100	99	88	97	101	106	101	103																											
GGI	DE 0538854484	Nuance	RF	Nugget	Snow Rf	Gna		82	+66	+2		16	86	+643	-0,22	-0,15	+0,12	+6	+8	+41	+58	-22	+55	81	+173	104	101	99	104	94	101	102	88	92	94	106	87	93																											
CRV	BE 213107823	Delta Waterloo		Jorben	Monopoly	Gna 2n		95	+66	-12		1134	99	-547	+0,17	+0,08	+0,05	-9	-12	-21	-74	-11	+7	94	+195	106	100	95	103	94	105	110	99	95	94	101	109	103																											
SZO	DE 0539040496	Samovar		Silver	Galaxy	Nat		79	+65	+2		21	86	+60	+0,74	+0,13	-0,10	+68	+14	-6	+198	+4	+6	82	-164	95	100	103	97	98	102		88	98	102	106	104	105																											
WWS	US 3009532323	Mr Ocd Epic Dragonheart		Epic	Planet	Nat		91	+65	-12		225	96	+1808	-0,66	-0,43	+0,14	+6	+17	+97	+111	-13	+39	87	+220	99	102	98	104	100	102	101	93	99	98	104	92	97																											
Adv	NL 895144845	Willie Rolex		Rubicon	Snowman	Gna		82	+65	-1		28	89	+688	-0,05	-0,14	+0,02	+24	+11	+33	+105	-2	+7	84	+369	100	97	101	98	101	99	101	90	108	106	105	101	106																											
Sem	CA 12283285	Westcoat Galahad		Penmanship	Jacey	Nat		87	+65	-1		146	93	-39	+0,14	+0,14	+0,11	+11	+7	+70	+7	-45	82	+247	105	105	100	101	104	105	95	88	105	105	104	94	101	107																											
Tot	DE 0770753339	Dg Nh Arrow		King Doc	Monterey	Gna		80	+65	+7		44	87	+424	-0,01	-0,09	-0,01	+7	+6	+18	+66	-10	-84	82	+128	102	105	101	98	98	101	100	91	100	103	111	98	105																											
STG	US 3129015989	Stantons Chief		High Octane	Numero Uno	Nat		91	+65	-12		434	96	+817	-0,31	-0,24	+0,09	+5	+5	+46	+45	-34	-49	87	+47	106	103	96	93	102	97	102	95	102	106	112	98	107																											
K&L	DK 04780602573	Vh Onside Osmus		Dansire Office	Exces	Int		81	+65	+22		31	91	+134	-0,15	+0,04	+0,00	-8	+8	+6	+18	+13	+70	78	+564	99	102	102	104	99	97		77	86	92	97	95	90																											
STG	US 3010353252	Farmed Roxy Bal 54505		Balisto	Mogul	Nat		89	+64	+4		213	95	+725	-0,18	+0,04	-0,07	+14	+29	+26	+156	+14	+8	87	+80	102	98	98	100	107	102	97	91	95	100	109	98	102																											
Alt	US 71494672	Eg Deman		Balisto	Atwood	Nat		81	+64	-6		47	88	+298	+0,23	-0,03	+0,03	+34	+8	+16	+109	-4	+7	80	+236	100	98	96	92	102	105		83	94	101	109	103	105																											
NL	664613169	Bicc Newyear		Speaker	Lithium	Gna		82	+64	+5		19	86	+404	-0,30	-0,23	+0,00	-11	-7	+18	-46	+2	+36	82	+495	102	102	100	104	101	104	102	91	96	100	103	99	100																											
Sam	NL 661903733	Farmers Wish Exloer Caruso		Malki	Ramos	Gna		93	+64	-2		747	98	-400	+0,04	+0,00	-0,09	-14	-14	-26	-95	+5	+2	91	+680	105	99	104	95	92	96	107	95	104	104	104	97	102																											
Tot	US 3137164377	Regan-Danhof T Case		Tarrino	Jedi	Nat		68	+63	-11		35	79	+1377	-0,03	-0,06	+0,09	+55	+42	+72	+309	+17	+31	66	-158	92	101	104	98	104	106	96	72	93	99	105	93	97																											
Sem	CA 12208511	Clyanook Felix		Supershot	Mccutchen	Nat		78	+63	-19		37	86	+385	-0,25	-0,02	+0,13	-7	+12	+30	+44	+16	-17	79	+158	100	103	103	104	106	101	102	82	98	102	104	101	102																											
OBS	DE 0358110833	Milton		Missouri	Snowflake	Gna		88	+62	+0		104	93	+1662	-0,44	-0,15	-0,09	+24	+42	+66	+242	+1	+34	85	+64	98	96	101	100	95	101	98	91	90	98	107	93	97																											
Alt	US 3142181520	Peak Altahotjob		Hotline	Josuper	Nat		91	+62	+7		735	96	+463	+0,18	+0,13	+0,06	+36	+28	+27	+199	+14	+4	87	+32	96	99	101	100	97	106	97	94	97	102	109	101	105																											
Ves	DE 0356761336	Heuer Balisto Jensen		Balisto	Epic	Int		82	+61	+20		54	88	+1146	-0,19	+0,05	+0,00	+30	+45	+52	+263	+46	+49	73	+194	93	98	104	105	102	101	100	87	93	98	100	90	92																											
WWS	US 3130641794	Peak Accelodin		Altahotrod	Ransom	Int		82	+61	-7		102	90	+239	+0,65	+0,16	-0,01	+69	+23	+10	+242	-7	-19	78	-214	97	102	100	102	101	104		80	99	99	101	98	99																											
CRV	NL 533730469	Delta G-Force		Man-O-Man	Jordan	Gna		98	+61	-12		20141	99	+298	+0,12	+0,14	-0,04	+24	+23	+10	+148	+1	+39	99	+78	96	101	101	102	97	99	99	99	99	95	98	99	102	99																										
Kam	NL 654340846	De Pattershoeve Jetbead		Jetset	G-Force	Gna		91	+61	-2		239	96	-232	+0,37	+0,18	+0,02	+22	+7	-9	+72	-13	-4	89	+25	108	97	101	101	104	102	97	93	103	102	106	102	105																											
Sam	NL 740466834	Big Malki		Maik	Jorryn	Gna		97	+61	+2		15049	99	+521	-0,19	-0,13	-0,19	+4	+6	+6	+35	+3	-11	99	+322	102	96	98	100	89	92	107	99	98	105	104	108	107																											
CRV	NL 546055236	Weelder Solution		Goliath	Laudan	Gna		95	+60	-3		1293	99	+862	-0,43	-0,12	+0,13	-5	+18	+52	+79	+4	+40	95	-7	100	99	102	105	98	97	104	99	101	97	101	102	100	100																										
Alt	NL 751487480	Peak Altamarlon		Altaspring	Co-Op O-Style Int	Nat		76	+60	+8		16	90	+1055	-0,40	-0,24	+0,00	+5	+13	+48	+78	+15	-10	73	+112	94	107	104	103	98	101	101	73	102	104	107	96	103																											
Sam	NL 549685043	Peak Mr. Grey		Jetset	Co-Op O-Style Int	Nat		77	+60	+15		28	87	-1	+0,05	-0,06	+0,00	+4	-5	+0	-12	+24	+16	72	+96	100	105	105	107	100	102	104	78	100	99	101	98	99																											
Syn	DE 0357196821	Bestboss		Boss	Maxim	Gna		83	+59	+2		20	89	+944	-0,04	-0,01	+0,05	+36	+32	+48	+221	+7	-35	85	+150	104	96	97	89	101	98	98	90	100	103	109	91	100																											
Sem	CA 107359260	Comestar Laustrust		Sudan	Man-O-Man	Gna		95	+59	-6		1482	99	+914	-0,02	-0,06	-0,03	+37	+26	+39	+196	-3	+44	93	+25	101	101	97	99	93	98	94	99	96	99	102	95	97																											
Kam	NL 664364678	Prins Holsteins Kik Just In Ti		Bookem	Altaioa T	Gna		92	+59	-18		332	97	+726	+0,01	-0,10	+0,13	+32	+16	+46	+147	-5	+13	91	-86	102	101	103	97	104	97	91	93	100	102	102	102	102																											
STG	US 3130010408	De-Su Spring Silverado		Altaspring	Supersire	Gna		88	+59	-10		144	94	-57	+0,45	+0,17	+0,03	+37	+13	+0	+131	-27	+12	86	+0	98	103	101	96	97	103	99	91	104	103	102	98	102																											
Syn	US 3130853983	View-Home Kboy Thunder -Et		Kingboy	Numero Uno	Gna		84	+59	-6		19	87	+411	+0,05	-0,08	-0,04	+22	+7	+15	+79	-14	+29	84	-25	92	107	105	105	100	106	102																																	

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

NVImelkdoel = 0,37*Inet+0,07*lvd+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*lvd+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	Ml-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext	INet						
																																					daus	Rel	kgM	%F	%P	%L	kgF
AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	Productie										€		Functioneel										Exterieur										
Sam	NL 866038759	Vvh Boobytrap		Bookem	Maik	Nat	87	+48	-3	176	94	+362	+0,02	-0,07	-0,02	+17	+6	+15	+65	-11	+11	86	+322	98	104	100	100	104	96	97	91	96	100	97	99	97	99	100	100	100	100	100	
Tot	NL 876060421	Koning Rambo		Silver	Supersire	Nat	82	+48	+17	78	91	-107	-0,10	-0,12	+0,16	-13	-14	+9	-82	-3	-16	80	+309	102	106	101	97	101	103	99	81	104	104	107	100	100	100	100	100	100	100	100	100
Kam	NL 609557749	Kik Spiceman		Spell	Brawler	Gna	90	+46	+4	319	96	-491	+0,60	+0,22	-0,10	+29	+1	-31	+56	-2	+34	88	-143	104	106	96	98	94	106	91	93	93	96	107	93	97	97	97	97	97	97	97	97
GGI	NL 899537342	Dg Checkmate	RF	Aikman	Beacon	Gna	88	+44	+0	312	92	-76	+0,24	+0,14	-0,20	+18	+10	-21	+73	-37	-21	87	-60	99	101	102	101	100	96	104	92	100	103	102	103	103	103	103	103	103	103	103	103
ABS	US 72156794	Seagull-Bay Silver		Mogul	Snowman	Nat	97	+43	-6	6269	99	+618	+0,21	-0,09	+0,09	+46	+13	+37	+161	+1	-25	99	-16	94	101	103	97	100	106	98	99	95	103	109	101	101	101	101	101	101	101	101	101
Kam	NL 592640639	De Volmer Dropshot Rf	RF	Supershot	Perfect Aiko	Gna	95	+43	-3	2341	99	+67	+0,32	+0,15	+0,07	+31	+16	+9	+133	-4	-28	95	-54	97	103	103	99	103	104	102	99	104	107	100	97	101	101	101	101	101	101	101	
Ves	IT 033990328450	All.Nure D. Poison		Doorman	Planet	Nat	85	+43	+19	112	91	+284	-0,18	+0,05	+0,08	-4	+14	+20	+55	+0	+3	77	+108	107	99	101	97	102	94	98	78	102	99	103	92	98	98	98	98	98	98	98	
CRV	NL 882810490	Lowlands Monopoly		Aswin	Mascol	Gna	97	+41	-2	3525	99	-816	+0,06	+0,20	+0,13	-30	-12	-27	-120	-1	+31	99	+424	107	103	105	102	95	107	102	99	99	97	95	92	92	92	92	92	92	92	92	
CRV	NL 532128858	Caps Sunset		Diamond	Goldwyn	Gna	97	+41	+0	3405	99	-405	-0,10	-0,03	+0,09	-26	-17	-11	-128	+1	+60	99	+227	103	106	101	100	105	101	103	99	88	93	102	92	92	92	92	92	92	92	92	
CRV	NZ DMLEF-11-5	Delta Alonso		Atlantic	Shottle	Gna	97	+40	-11	2979	99	-384	-0,03	+0,16	-0,05	-18	+1	-21	-40	-5	-10	97	+36	97	103	105	101	101	101	106	99	93	93	101	109	102	102	102	102	102	102	102	
Syn	DE 0357795060	Gloryday		Genestar	Supersire	Gna	82	+38	+19	77	90	+1245	+0,04	-0,01	-0,02	+57	+42	+55	+308	+15	+41	83	+79	95	94	99	94	96	104	95	87	101	100	101	94	98	98	98	98	98	98	98	
Kam	NL 842249399	Payday		Bookem	Mascol	Gna	92	+37	+5	458	98	+429	-0,09	+0,02	+0,03	+10	+17	+22	+97	+3	+2	91	+86	104	101	94	96	102	98	96	94	101	100	96	99	98	98	98	98	98	98	98	
Toe	BE 613208213	Kemdale Booster		Kyrian	Doorman	Nat	79	+37	-7	78	88	-108	+0,58	+0,00	+0,03	+46	-4	-2	+80	-3	-19	77	-1	99	100	104	100	102	98	101	84	102	102	107	98	104	104	104	104	104	104	104	
Sam	NL 866039170	Vvh Bookmaker		Bookem	Maik	Nat	91	+37	-2	278	97	+880	-0,33	-0,17	-0,03	+5	+14	+37	+79	-10	-4	90	+299	103	99	95	95	97	93	98	91	105	103	97	100	100	100	100	100	100	100	100	
WWE	US 3006972816	Mountfield Ssi Dcy Mogul		Dorcy	Marsh	Nat	96	+37	+2	1859	99	+408	+0,09	-0,18	+0,12	+26	-2	+30	+55	-3	+34	99	+95	96	100	103	101	104	100	99	100	101	109	98	100	100	100	100	100	100	100	100	
Sem	CA 11993500	Claynook Dealmaker		Unix	Hunter	Nat	90	+37	+5	193	95	+817	-0,12	-0,32	+0,05	+23	-2	+42	+53	+3	+4	85	+294	101	100	100	100	104	96	98	90	102	103	108	92	101	101	101	101	101	101	101	
WWE	US 3136807406	S-S-I Franchise Benz		Franchise	Montross	Gna	90	+37	+1	120	95	+402	-0,30	+0,00	+0,09	-11	+14	+27	+42	+19	+4	86	+101	98	104	101	106	105	103	98	90	102	103	107	95	99	99	99	99	99	99	99	
SZO	IT 02499040683	Ca 'dei Volti Sriaqua'		Cashmoney	Cogent Twist	Nat	86	+36	+42	613	93	+588	+0,10	-0,07	+0,10	+34	+14	+36	+104	+88	+13	78	-6	101	98	102	103	98	99	95	90	103	103	104	96	101	101	101	101	101	101	101	
ABS	NL 573341148	Rijnhof Dg Brian		Beat	Balisto	Nat	81	+35	+18	93	91	+1040	-0,12	+0,03	-0,10	+32	+39	+38	+239	+15	+23	77	-188	97	96	101	100	101	101	97	79	97	100	104	97	100	100	100	100	100	100	100	
ABS	US 71618865	Seagull-Bay Mvp		Mogul	Planet	Nat	96	+35	-10	6407	99	-271	+0,39	+0,13	+0,04	+22	+2	-9	+52	-5	-3	99	-20	100	102	99	101	109	103	99	99	103	104	105	100	104	104	104	104	104	104		
Syn	DK 4199601209	Mavid		Mascol	Eminenz	Nat	97	+34	-5	7514	99	-327	+0,09	+0,19	+0,03	-6	+5	-12	+4	-5	+133	99	+186	99	98	101	101	103	102	99	93	87	92	101	92	101	92	101	92	101	92		
CRV	NL 498938423	Delta Atlantic		Ramos	O Man	Gna	98	+34	+5	73487	99	-469	-0,11	+0,11	-0,16	-29	-7	-35	-100	-3	-28	99	-24	106	103	105	100	101	97	107	99	105	102	96	103	101	101	101	101	101	101		
Sam	NL 933340101	Enforcer		Emerald	O Man	Nat	93	+31	-3	679	98	+182	+0,06	-0,04	-0,07	+13	+3	+2	+40	+1	+0	92	+131	99	100	103	101	100	98	105	93	99	101	96	100	98	98	98	98	98			
Sam	NL 681007000	Grashoek Mareno		Cogent Bill	Maik	Nat	85	+30	+6	191	93	-80	+0,04	+0,19	+0,02	+0	+14	-2	+57	+9	-73	83	+258	104	100	103	103	103	101	100	88	97	103	100	96	97	97	97	97				
CRV	NL 664478948	Zandenburg Fury		Balu	Danno	Gna	97	+30	-7	2542	99	+48	-0,11	+0,14	-0,10	-8	+14	-7	+39	-6	+34	95	-18	102	100	99	105	96	99	99	97	97	103	96	98	98	98	98	98	98			
GGI	DE 0121142902	Bolaro		Boss	Beacon	Gna	88	+29	+10	84	93	+1422	-0,48	-0,14	-0,02	+11	+35	+67	+187	+15	+3	85	-59	92	100	102	101	96	105	99	102	101	104	99	102	101	104	99	102	101			
SZO	DE 0357640700	Kns Comedy	CD	Commander	Epic	Int	83	+29	-6	91	88	+736	-0,29	-0,05	-0,01	+3	+21	+33	+102	-61	-14	83	+94	99	99	102	95	101	101	96	89	99	101	105	100	100	100	100	100	100			
WWE	US 69128229	Roylane Boxer Punch 4311		Boxer	O Man	Nat	96	+29	+4	4626	99	+179	+0,04	-0,02	+0,03	+11	+4	+11	+43	-5	-39	99	-75	100	104	102	96	95	97	105	99	107	105	99	96	100	100	100	100	100			
CRV	NL 694776043	Midwolder Goldmar		Goldwyn	O Man	Gna	97	+27	-5	8221	99	-69	+0,18	+0,07	+0,10	+13	+4	+6	+46	-1	+33	99	+34	104	98	104	105	106	96	97	99	101	101	100	95	98	98	98					
Bov	US 3012559677	Edg Mogul Barclay 25000		Mogul	Lavaman	Nat	78	+27	+5	58	89	+302	+0,05	-0,13	+0,14	+17	-1	+27	+40	+2	+34	79	+44	97	102	98	101	101	101	79	97	100	107	96	101	101	101	101	101				
CRV	NL 934274522	Delta Magister		Whatsapp Rf	Direct	Gna	98	+27	+0	30534	99	-165	-0,15	+0,14	-																												

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

NVImelkdoel = 0,37*Inet+0,07*ldv+5,5*UGH+6,5*VRU+2,0*Uier+2,5*Beenwerk+2,0*GEB+3,0*KGH+0,37*BVK

NVIdubbeldoel = 0,33*Inet+0,09*ldv+5,7*UGH+5,5*VRU+5,5*Uier+5,5*Beenwerk+2,0*GEB+5,0*VLI

Perspublicatie stierindexen Zwartbont

April 2024

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext																				
																																					Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl
																																Productie					€					€					Functioneel					Exterieur				
SZO	DE	0356670067	Galactico		Galaxy	Bookem	Gna	92	+0	-10	578	96	-291	-0,07	-0,01	-0,04	-18	-11	-17	-88	-29	-39	88	-3	107	100	103	97	99	95	98	93	105	103	102	102	104																			
GGI	NL	871871392	Game		Galaxy	Stol Joc	Gna	86	-1	+6	69	91	+417	-0,20	+0,02	-0,09	-1	+16	+11	+67	+1	+7	86	+150	101	94	101	102	98	97	96	89	97	101	101	101	100																			
Sam	NL	750300605	Koepon Booster		Bookem	Jeeves	Nat	90	-2	-15	244	96	+97	+0,46	+0,02	-0,02	+45	+5	+3	+116	-10	+29	89	+33	93	99	102	98	103	95	96	88	101	101	94	103	99																			
Syn	CH	12012146515	Darlingo		Doorman	Gold Chip	Gna	87	-2	-3	150	94	+58	-0,52	-0,25	+0,00	-44	-20	+3	-174	-17	-34	86	-214	108	102	102	99	103	94	99	93	97	103	112	103	108																			
Sem	CA	11951553	Benner Bardo		Flame	Mogul	Nat	91	-6	-25	1121	95	-345	+0,60	+0,15	-0,05	+36	+1	-20	+74	-60	+39	85	-98	96	100	95	99	102	107	100	97	95	96	102	95	96																			
Syn	DE	0358235680	Racord		Racer	Log-In	Gna	90	-6	+2	190	95	+189	-0,32	+0,05	-0,02	-21	+11	+7	+3	-1	-28	86	-140	101	102	100	102	99	99	99	91	104	100	104	96	101																			
Sam	NL	893556860	Holbra Mastershot		Jetset	Balisto	Nat	90	-7	+10	324	96	+18	-0,11	+0,13	+0,09	-9	+12	+9	+33	+6	-20	87	+215	102	99	96	104	104	102	95	93	102	103	106	92	100																			
Ves	NL	887310414	Topspeed Raglan	RF	Maik	Stadel	Nat	95	-7	+1	2502	99	+138	-0,03	-0,05	-0,01	+3	+0	+5	+8	-5	-6	95	+438	100	101	96	98	100	96	95	99	95	101	93	97	93																			
Ves	NL	938870007	Farmers Wish Futuro		Vh Future	Prince	Nat	92	-10	-9	604	97	-474	+0,75	+0,33	-0,09	+43	+11	-29	+127	+9	+36	88	-29	94	96	102	99	97	102	104	93	94	102	96	93	93																			
Sam	NL	887813711	Navarro		Balu	Pilot	Nat	81	-10	-7	111	90	+1200	-0,38	-0,28	-0,01	+13	+14	+54	+101	+7	+6	76	+65	99	97	100	99	94	102	94	77	105	103	98	97	99																			
Ves	IT	028990273568	Gegania S. Armazen		Sudan	O Man	Nat	92	-11	-37	556	97	-240	+0,39	+0,13	-0,01	+23	+3	-12	+57	-26	-19	86	-28	101	100	96	104	101	102	99	90	104	104	95	97	98																			
Sam	NL	623979190	Big Surprise Rif	RF	Malki	Tequila	Nat	84	-15	n	261	89	-321	+0,12	+0,01	-0,05	-3	-10	-19	-53	n	-3	84	+236	101	93	101	99	97	92	106	90	104	103	101	103	104																			
Kam	NL	657021045	Hw Bossink Diego	RF	Aikman	Talentino	Nat	74	-16	n	53	85	-1373	+0,93	+0,44	-0,15	+11	-15	-74	-61	n	-14	49	-40	105	102	94	101	97	98	87	92	100	97	97	94																				
Kam	NL	563274896	Big Gospell		Spell	Solero	Gna	95	-18	-6	1186	99	-669	+0,33	+0,16	-0,19	-1	-10	-46	-57	-12	+63	94	-220	102	101	90	93	96	98	99	96	94	97	103	98	98																			
Sam	NL	887310382	Topspeed Samoa	RF	Maik	Stadel	Nat	92	-19	-1	370	98	-447	+0,12	+0,09	-0,02	-9	-8	-22	-58	-2	+17	91	+335	100	98	99	100	98	94	102	90	91	95	91	100	92																			
Syn	FR	2216892431	Hurion Isy		Sudan	Planet	Gna	93	-20	+9	714	98	-117	+0,16	+0,14	+0,11	+9	+8	+4	+53	+8	-55	91	-131	102	97	101	98	105	100	99	94	106	105	97	102	102																			
Ves	IT	001990507394	Bas Farm Prince Savoia		Prince	Ford	Nat	90	-20	+1	547	98	-565	+0,07	-0,02	+0,03	-18	-21	-23	-131	-10	+54	89	+123	97	102	101	99	101	102	101	76	99	94	99	100	98																			
Adv	NL	765751469	Molenskamp Rita Moises		Montross	Meridian	Gna	86	-22	-21	95	93	+665	-0,32	-0,33	+0,04	-2	-8	+34	-27	-15	-33	86	+10	98	100	103	98	103	109	101	91	102	103	106	96	102																			
Sam	NL	681804278	P.M. Elver	RF	Silver	Talentino	Nat	84	-23	+21	148	92	-266	+0,11	+0,07	-0,03	-2	-3	-15	-21	+15	+11	80	+96	98	99	102	99	101	97	99	85	96	100	99	97	97																			
GGI	DE	0356552537	Faun		Fanatic	Mascol	Gna	94	-23	-7	973	99	-65	-0,20	-0,10	+0,03	-20	-11	+0	-87	-19	+2	93	+223	103	94	103	102	95	102	101	96	95	103	103	100	101																			
GGI	NL	753771253	Spell It		Spell	Prince	Gna	89	-28	+9	178	95	-464	+0,07	+0,09	-0,16	-14	-9	-35	-77	+1	+32	87	+85	104	101	89	98	94	100	97	92	95	98	99	95	95																			
Sam	NL	754798190	Vandenberg Vermont		Vitality By	Atlantic	Nat	80	-37	-24	71	89	+509	-0,04	+0,06	-0,17	+18	+23	+7	+134	-8	-6	77	-335	96	97	99	93	93	98	98	76	102	102	102	94	99																			
Ves	NL	886061472	Rh Inseme Mogul Barreto		Mogul	Bogart	Nat	87	-40	-6	279	95	-92	+0,24	+0,08	+0,06	+17	+4	+1	+52	+9	+41	82	-124	96	98	102	93	102	105	99	84	97	97	99	88	92																			
NL	758724290	Weggelhorster Combi The One		Surefire	Mascol	Nat	86	-41	-7	126	94	-219	-0,15	+0,11	-0,17	-22	+2	-25	-46	+1	+8	84	-94	98	101	100	99	102	110	97	83	103	100	94	102	99																				
WWE	US	3137052923	Duckett Crush Tatoo		Crush	Gold Chip	Nat	90	-41	+4	313	95	-364	-0,45	-0,16	+0,09	-54	-26	-9	-223	-21	-21	84	+251	104	99	105	98	105	97	94	96	104	114	95	104																				
Ves	NL	543415590	Oelhorst Mick Aluminium		Prince	Active	Nat	89	-55	-16	217	96	-1076	+0,10	-0,02	+0,10	-38	-39	-41	-252	-16	+51	87	+312	98	103	99	100	102	105	96	86	91	89	99	102	96																			
Sam	LU	499602088	Valor Bisor		Spell	Supersire	Nat	85	-60	-2	162	92	+108	+0,27	+0,07	-0,08	+29	+10	-2	+101	+9	-72	83	-367	95	99	97	100	102	106	101	87	103	107	97	99	100																			
Kam	NL	660281847	Poppe Ferdi		Boss	Danillo	Gna	96	-60	-13	2468	99	-312	-0,11	+0,10	+0,04	-23	-2	-11	-60	-14	-29	96	-196	99	101	99	96	93	96	96	99	108	101	101	99	103																			
Sem	CA	125081113	Walnutlawn Sidekick		Willsbro	Abbo Mccutchen	Nat	93	-60	+21	724	97	-1455	+0,52	+0,18	+0,02	-23	-37	-65	-220	+7	-39	88	-49	103	102	101	100	109	95	96	97	98	105	116	95	106																			
Toe	NL	932127712	Weggelhorster Alaska		Mincio	Holstei Emerald	Nat	79	-61	-10	84	90	+475	-0,17	-0,12	+0,06	+4	+5	+27	+37	-24	+5	76	-359	99	97	102	97	100	99	98	79	97	98	94	95	93																			
ABS	CA	12074893	Brenland Denver		High Octane	Doorman	Nat	89	-66	-14	239	94	+655	-0,26	-0,33	+0,11	+3	-9	+40	-19	-23	-20	84	-210	104	98	97	91	99	98	86	93	92	99	111	92	99																			
Toe	NL	716258904	Lv Bth Productivo		Level	Prince	Nat	93	-67	-2	652	98	-934	+0,08	+0,06	-0,04	-33	-28	-46	-198	-16	+39	91	-146	103	102	103	102	95	99	100	93	94	93	91	94	89																			
Ves	NL	746035111	Farmers Wish Wag. Madiba		D Mason	Active	Nat	95	-70	+5	2420	99	-906	+0,52	+0,13	-0,05	+3	-21	-45	-93	+6	+52	96	-4	96	98	101	102	102	108	98	97	95	93	96	97	94																			
Dek	FR	8574596866	Sources Jaunay Maestro		Jethro	Altaoak	Gna	83	-74	-3	90	91	-223	+0,12	-0,01	-0,02	+1	-9	-12	-38	-28	-61	82	-135	97	100	98	91	102	103	96	90	105	104	105	98	104																			
Ves	NL	753771246	Farmers Wish Allegro		Spell	Prince	Gna	94	-74	-15	614	98	-125	-0,10	-0,12																																									