

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

NVl melkdoel = 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  
 NVl dubbeldoel = 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**

Ki Stiernummer		Stiername	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	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SECM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T			
																						€	Functione										Exterieur							
CRV	NL 671125486	Delta Reloader		Finder	G-Force		Gnat	93	+339	+29	442	96	+1567	-0,13	-0,15	+0,05	+53	+39	+77	+294	+43	€3	90	+844	110	104	108	104	102	96	107	97	96	98	105	105	104	104		
CRV	NL 965020345	Willems-Hoeve Woody		Jetset	Ranger		Gnat	93	+269	+2	1470	92	+2126	+0,03	+0,02	+0,09	+93	+76	+107	+539	+22	+27	84	+401	108	92	104	102	101	96	109	99	94	96	110	109	112	112	112	
Syn	DE 0361838685	Ricreas		Bandares	Gnat	Gn	78	+229	-8	149	84	+1300	+0,01	+0,01	+0,01	+35	+31	+39	+345	+49	-2	79	+836	100	104	107	95	100	100	108	88	101	104	105	103	105	105	105	105	
CRV	NL 895652300	Capnation Benello		Bernell	Balisto		Gnat	93	+287	+5	515	98	+785	+0,02	+0,04	+0,03	+35	+31	+39	+212	+19	+40	90	+667	111	105	105	102	101	97	107	97	95	96	104	106	103	106	106	
Tot	CA 12610944	Alexerin Charm		Dg Charley	Altaispring		Gnat	87	+283	+71	252	93	+1864	-0,08	-0,02	+0,10	+71	+63	+96	+436	+35	+29	85	+271	104	105	106	102	101	97	108	92	100	105	103	98	101	104	106	
Syn	NL 872871665	Summerlake		Dg Charley	Balisto		Gnat	87	+278	+74	211	94	+990	+0,45	+0,12	+0,07	+86	+46	+52	+385	+73	+19	86	+400	109	103	99	104	102	92	104	93	101	103	106	104	106	106	106	
WWS	US 3148279820	Twin-Ridge Revelation		Solution	Jedi		Nat	76	+271	+90	56	83	+1433	-0,06	-0,11	+0,20	+55	+39	+86	+301	+46	+19	78	+831	110	102	106	100	102	98	103	87	101	100	109	95	102	105	102	102
Alt	NL 685695366	Peak Altazarek-Et		Altatopshot	Rubicon		Nat	89	+269	+49	387	93	+1643	+0,20	+0,02	+0,14	+91	+59	+90	+460	+48	+58	85	+634	101	101	98	104	105	103	107	93	94	98	107	96	99	106	106	
CRV	NL 729539557	Weelder Empire		Bravo	G-Force		Gnat	88	+266	+37	10935	99	+209	+0,38	+0,20	-0,02	+43	+25	+8	+195	+26	+60	97	+585	109	104	106	108	97	90	107	99	93	90	101	108	101	108	101	
Alt	US 73953444	Bomaz Altatopshot		Supershot	Altaembassy		Nat	92	+264	-20	454	98	+1523	+0,21	+0,14	+0,02	+86	+67	+72	+477	-13	-18	91	+342	103	104	106	101	104	96	107	96	103	105	99	95	98	105	98	
ABS	CA 110807391	Dexpro Mojo		Medley	Jedi		Nat	80	+261	+85	87	85	+1299	+0,04	+0,10	+0,12	+59	+55	+71	+371	+93	-23	77	+992	108	103	99	96	100	98	103	83	105	105	106	92	101	107	107	101
Syn	NL 715952290	Topstone		Altatopshot	Rubicon		Gnat	84	+261	-2	179	91	+1607	-0,14	-0,04	+0,08	+54	+52	+82	+351	-22	-8	84	+511	106	103	105	99	99	98	106	93	105	106	105	103	107	107	101	101
CRV	NL 666841779	Delta Epsilon		Sunfit P	Topgear		Gnat	83	+260	+3	114	89	+1541	+0,16	+0,04	+0,09	+82	+58	+80	+434	+66	+4	83	+639	107	96	99	99	98	99	104	93	97	101	109	105	107	107	101	101
K&L	DK 05622204110	Vh Bube Bernell		Bube	Vh Toelstrupgear		Gnat	95	+260	+13	2377	99	+947	-0,18	+0,00	+0,01	+23	+33	+44	+197	+14	+76	94	+547	105	105	108	101	99	96	110	99	100	95	101	105	105	102	102	
CRV	NL 946221484	Delta Treasure		Finder	G-Force		Gnat	97	+260	+37	3153	99	+514	+0,02	-0,04	+0,04	+24	+14	+27	+116	+32	+44	95	+772	109	108	107	105	105	99	101	99	94	98	108	105	105	105	105	105
STG	US 3133483358	Smers Charley Merryguy		Dg Charley	Montross		Nat	76	+259	+46	17	83	+2470	-0,20	-0,18	+0,03	+82	+66	+109	+476	+44	+39	79	+435	103	105	100	101	104	101	98	98	100	106	97	101	101	101	101	
Alt	US 314724052	Peak Altaleg		Quantum	Altaispring		Nat	80	+258	+77	69	85	+804	+0,15	+0,24	+0,05	+49	+51	+42	+325	+137	+14	77	+592	109	103	105	100	103	97	104	82	100	102	109	93	101	104	104	104
WWS	US 314232034	Trent-Way-Js Ronald	RF	Salvatore Rc	Barley		Nat	89	+258	+73	463	93	+1160	-0,16	-0,08	+0,08	+33	+32	+61	+219	+64	+28	85	+583	106	106	106	103	103	102	105	95	92	100	112	101	104	105	104	104
CRV	BE 418630184	Delta Lawrence		Trust	Barley		Gnat	84	+257	+39	339	89	+984	+0,02	+0,13	+0,06	+44	+47	+51	+300	-78	+84	83	+421	101	104	104	105	103	105	107	93	97	98	106	105	105	105	105	105
Sem	CA 12857528	Silverridge V Einstein		Topnotch	Duke		Nat	78	+255	+55	52	86	+1065	+0,22	+0,10	+0,03	+67	+49	+52	+357	+13	-10	79	+557	104	106	104	100	103	96	107	90	105	105	110	91	103	103	103	103
CRV	NL 648817776	Travis Natan		Adagio-P	Doorsopen		Gnat	86	+255	+12	611	91	+1541	-0,13	-0,05	-0,06	+52	+48	+64	+325	+6	-23	85	+180	106	105	104	100	94	93	108	96	97	105	109	106	106	108	108	
Alt	US 3142181416	Peak Altaabba		Blowtorch	Rubicon		Nat	85	+254	+49	264	92	+1752	+0,04	-0,15	+0,04	+79	+45	+84	+376	+85	-1	83	+514	104	106	106	100	100	103	100	98	90	102	104	106	100	104	104	104
CRV	NL 710287748	Delta Founder		Nobel	Jupiler		Gnat	81	+253	+7	88	87	+1464	-0,42	-0,05	+0,03	+19	+46	+70	+250	-33	+3	82	+517	106	106	105	102	99	97	106	91	105	104	104	106	107	107	107	107
Alt	US 3138499077	Peak Altaaltue	RF	Salvatore Rc	Monterey		Nat	86	+251	-12	214	93	+2018	-0,14	-0,07	+0,04	+70	+63	+97	+434	-12	+20	84	+495	105	100	105	102	101	97	100	91	96	102	104	101	102	102	102	
CRV	NL 738287780	Weelder Esperanto		Final	G-Force		Gnat	97	+251	+3	3963	99	+1325	-0,19	-0,10	-0,04	+37	+36	+56	+242	+13	+76	97	+476	102	103	104	104	99	103	110	99	95	99	107	107	106	106	106	
CRV	NL 731719510	Willems-Hoeve Rapper		Esperanto	Jetset		Gnat	82	+250	-9	39	89	+1220	+0,17	+0,06	+0,03	+69	+48	+59	+389	+33	-14	84	+537	105	98	106	99	103	101	110	92	104	107	108	105	109	109	109	109
CRV	NL 678449129	Delta Eloy	RF	Caizzi	Finder		Gnat	87	+250	-8	1887	90	+538	+0,54	+0,14	+0,03	+73	+32	+27	+293	-10	-39	85	+358	105	105	105	101	101	88	106	92	104	104	105	113	111	111	111	
Syn	DE 0360324663	Gywer	RF	Gymnast	Lobach		Gnat	86	+249	+56	150	93	+2169	-0,39	-0,10	-0,01	+49	+64	+98	+395	+54	+2	84	+398	105	104	106	106	96	95	104	93	97	101	107	93	99	99	99	
Kam	NL 648498303	Koepen Random		Ranger	Board		Gnat	88	+249	+23	898	92	+899	+0,36	+0,24	+0,04	+73	+55	+45	+392	+7	-10	87	+205	101	99	102	100	102	103	109	97	105	103	109	118	116	116	116	
ABS	NL 314148470	Delta Supreme		Quantum	Rubicon		Nat	82	+249	+46	11	83	+2470	-0,20	-0,18	+0,03	+82	+66	+109	+476	+44	+39	79	+435	103	105	100	101	104	101	98	98	103	99	100	99	99	99	99	
ABS	NL 742757381	K&L Oh Ballwether		Altatopshot	Silver		Nat	85	+249	+32	280	91	+817	+0,40	+0,19	+0,14	+64	+39	+41	+307	+13	+11	83	+309	107	105	102	100	104	99	101	92	97	104	107	107	107	107	107	
ABS	US 3138277108	Cal-Roy-Al Yoda		Jedi	Woodcrest Mogul		Gnat	91																																

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

NVl melkdoel = 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  
 NVl dubbeldoel = 0,33\*Inet+0,09\*lvd+5,7\*UGH+5,5\*VRU+5,5\*Uier+5,5\*Beenwerk+2,0\*GEB+5,0\*VL

**Perspublicatie stierindexen Zwartbont**

Ki Stiernummer		Stiernamen	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	+/-	dous	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SECM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart									pnt				Productie										€	Exterieur																	
Alt	US 313291895	G-Deruyter Altinat		Jedi	Kingboy	Nat		82	+223	+6	73	89	+1586	-0,47	-0,07	+0,02	+18	+48	+75	+257	-14	€	27	76	+524	108	108	104	95	101	98	99	76	100	100	105	88	96			
CRV	NL 646871474	Bakkele Storman		Rafey P Rf	Balisto	Gnat		89	+222	+10	209	95	+1249	+0,27	+0,11	+0,03	+80	+54	+83	+411	-6	+80	81	+368	103	97	98	92	103	100	105	94	99	99	100	102	101				
ABS	NL 715862043	Salvator Schimmer	RF	Salvatore Rc	Rubicon	Nat		83	+222	+49	115	90	+1844	-0,19	-0,06	+0,04	+44	+91	+306	+6	+1	+83	+546	103	103	102	105	107	106	100	103	106	100	103	108	103	106	106			
Syn	NL 75076885	Veenhuizen K&I Jameson		Jetset	Balisto	Gnat		82	+222	+43	28	89	+997	+0,02	+0,06	+0,08	+44	+41	+53	+234	+50	-1	84	+869	109	97	101	104	105	101	103	90	102	102	113	97	106				
ABS	DE 053892053	Dg Charley		Supershot	Mogul	Gnat		92	+222	+44	128	97	+1286	-0,24	-0,08	+0,04	+30	+37	+63	+234	+33	+57	91	+465	105	106	106	102	101	95	102	96	96	97	101	98	98				
Tot	DE 0540362468	Calvin		Casino	Finder	Gnat		78	+221	-30	57	85	+1781	-0,16	-0,11	-0,03	+59	+50	+78	+352	-37	+7	81	+532	101	101	104	107	99	103	105	90	99	100	103	104	103				
Alt	US 3129037884	Mr Salvatore	RF	Supershot	Dymenthom S Sy	Nat		92	+221	+6	221	97	+1994	-0,40	-0,30	+0,13	+41	+37	+105	+269	-12	+4	90	+408	107	103	103	105	102	93	103	96	100	106	108	101	106				
CRV	NL 921967114	Bovv Finder		Balisto	Epic	Gnat		98	+221	+17	17569	99	-148	+0,46	+0,14	+0,09	+34	+7	+1	+100	+13	+13	99	+630	109	104	109	104	101	98	106	99	102	102	103	107	106				
CRV	NL 753566472	Delta Castor		Barclay	Atlantic	Gnat		95	+220	+20	2120	98	+1111	-0,02	+0,22	-0,08	+45	+61	+43	+358	+29	+44	91	+202	101	101	102	98	103	97	108	99	101	102	105	103	105	107	110		
Alt	US 3138766709	Aardema Altanixie		Altarobson	Woodcrest Mogul	Nat		79	+220	+37	116	90	-14	+0,87	+0,46	-0,15	+76	+40	-14	+319	+22	-5	78	+435	102	104	105	98	102	106	83	101	102	108	104	107	105				
Tot	US 3138948156	Aurora Mitchell		Mitchell	Bomboro	Nat		88	+220	+40	410	94	+951	+0,13	+0,01	-0,05	+53	+34	+39	+262	+50	-4	84	+298	107	103	103	101	102	102	105	93	99	100	111	101	106				
Sem	US 3141495129	Siemens Darwin		Superhero	Silver	Nat		90	+218	+39	508	95	+1524	+0,03	-0,10	+0,08	+68	+43	+78	+343	+26	-29	86	+348	102	104	102	100	100	103	104	95	103	106	111	101	108				
CRV	NL 660112422	Diepenhoek Citadel		Altabanco	Balisto	Gnat		93	+218	+21	654	98	+171	+0,07	+0,07	-0,17	+13	+23	+6	+123	+9	+13	90	+459	104	111	107	104	101	101	106	97	98	101	104	101	102				
CRV	US 3145229850	Peak Lukaku		Eldorado	Rubicon	Gnat		84	+217	+36	77	87	+1171	-0,12	-0,16	+0,17	+62	+25	+71	+254	+20	+20	83	+811	105	99	106	104	102	101	102	90	103	104	105	104	106				
CRV	NL 865710894	Midvolder Martin		Adorabile	Malki	Gnat		91	+214	-8	1018	99	+1932	-0,20	-0,23	-0,07	+63	+66	+53	+428	+17	+16	87	+187	98	99	99	101	105	105	108	99	103	104	107	106	108				
Kam	NL 632592108	Vdr Sting		Barclay	Malik	Gnat	Gn	83	+214	+76	188	89	+1293	+0,13	+0,17	-0,08	+68	+62	+51	+412	+17	+24	84	+423	102	94	104	102	99	99	107	91	100	102	105	106	108				
K&L	US 68763386	View-Home Day Missouri		Day	Roylane Socra R	Nat		93	+214	+11	384	98	+2609	-0,64	-0,26	-0,09	+37	+61	+109	+381	+21	+57	93	+420	103	105	100	105	100	95	98	102	96	87	93	105	95	95			
WWS	US 70071611	S-S1 Mogul Reflector		Mogul	Super	Nat		97	+214	+9	5228	99	+1004	-0,23	+0,05	-0,01	+20	+40	+45	+220	+6	+10	96	+489	102	103	104	96	108	107	107	99	103	101	109	107	110				
Sem	CA 12192429	Silveridge V Eugenio		Supershot	Mocutchen	Nat		93	+214	+33	413	98	+1394	-0,19	-0,25	+0,06	+40	+23	+70	+199	+10	-4	91	+384	105	106	107	100	103	101	104	95	100	103	110	101	106				
CRV	NL 565103198	Delta Jigger		Esperanto	Reflector	Gnat		94	+214	+38	8107	96	+220	+0,05	+0,07	-0,04	+14	+14	+6	+89	+68	+13	91	+781	105	103	101	103	103	97	111	99	101	102	108	110					
Alt	CA 13024756	Progenesis Altapledge		Guarantee	Jedi	Nat		80	+213	+35	105	86	+1022	+0,17	+0,19	-0,05	+60	+54	+42	+360	+42	+18	74	+487	104	104	107	101	104	102	99	77	98	99	104	89	96				
Alt	US 3138125233	Kp-Ack Altamorison		Altarobson	Montross	Nat		81	+213	+57	134	88	+724	+0,49	+0,17	+0,05	+78	+41	+38	+343	+23	-7	80	+245	105	106	102	100	105	99	100	85	106	103	102	99	103				
CRV	NL 659618111	Delta Relevant		Altarobson	Chevrolet	Gnat		95	+213	+4	569	89	+749	+0,35	+0,17	-0,03	+65	+42	+31	+318	-1	+51	94	+493	109	98	105	103	102	103	95	97	100	101	104	102					
CRV	NL 632593598	Delta Paddock PP	PP	Sunfit P	Laurent P Rf	Gnat	Gn	83	+213	+48	234	88	+602	+0,18	+0,00	-0,09	+43	+21	+19	+182	+28	-5	83	+417	107	101	102	104	101	97	112	91	101	99	103	111	108				
CRV	BE 413723696	Barnkamper Majestic		Simba	Montross	Gnat		88	+212	+39	908	91	+739	-0,21	-0,08	+0,00	+11	+18	+34	+107	+25	+82	86	+649	105	105	103	105	102	98	110	91	99	90	104	97	97				
ABS	US 314194296	Abs Crimson		Spectre	Rubicon	Nat		87	+210	+79	189	92	+1253	+0,34	+0,01	+0,04	+87	+45	+61	+386	+86	+13	84	+592	106	100	103	100	100	95	92	105	103	101	108	101	98	101			
DE 0539898941	Fighter			Finder	Racer	Gnat		82	+210	+25	52	89	+1537	-0,18	-0,02	+0,07	+47	+51	+77	+331	+34	+47	84	+475	101	100	106	102	102	105	103	90	97	101	105	100	102				
WWS	US 3145055197	S-S1 Bg Frazled Speedy		Frazled	Marty	Nat		78	+210	+37	52	86	+1859	-0,23	-0,22	-0,03	+54	+41	+82	+306	+70	+10	79	+618	109	101	106	99	104	97	87	101	100	102	91	97					
CRV	NL 593401100	Delta Yert	RF	Endurance	Silver	Gnat		89	+209	+13	1035	93	+799	+0,28	+0,12	+0,01	+61	+39	+37	+299	+4	-19	87	+429	104	103	104	101	106	99	104	89	102	106	103	103	105				
ABS	US 314121007	Spritz Redee		Spritz	Mr Mogul Delta	Nat		84	+208	+3	187	93	+1093	-0,48	+0,03	+0,00	+82	+34	+51	+402	+19	+10	84	+199	104	101	103	100	105	99	101	91	105	102	106	97	103				
Ves	NL 595849688	Mars Frassinio		Toggear	Missouri	Nat		86	+208	+24	295	93	+1469	-0,40	-0,04	-0,17	+21	+47	+50	+252	+58	-8	85	+538	108	99	98	96	87	85	109	91	100	104	108	105	108				
CRV	NL 884786706	Delta Yes		Ranger	Malki	Gnat		87	+208	+39	418	91	+903	+0,18	-0,05	+0,09	+56	+27	+50	+243	+4	+17	86	+183	101	104	100	102	103	95	109	96	108	106	109	109	113				
ABS	US 3141559636	Denovo 14242 Kokomo		Blowtorch	Mr Mogul Delta	Nat		88	+208	+29	636	94	+1546	-0,26	-0,24	-0,05	+39	+29	+76	+224	+40	-20	84	+474	107	107	103	99	103	104	96										