SA STAMBOEK STUD BOOK

Charolais Promising Young Bulls

SA Stud Book Genetic Evaluation May 2016

Accuracies are low and bulls have not been proven

Bulls on this list are:
Born in 2013/2014 and both parents are known.
Measured for weaning weight
All selection values above 90
Cow Value above breed average (100)

	Bull				Selection Values (SV)								Calf weight		Mothering ability		Growth & efficiency				Fertility			Frame	
	ID Bull name	Comp. Nr	% In-Breeding	Sire ID Dam ID	Calv. Ease	Calf Growth	Milk	Cow Maint.	Cow Fertility	L.Cow Value	L.Gr. Value	L.Prod Value	Birth weight	Weaning weight	Birth Mat.	Milk	Post-W weight	Mature weight	ADG	Kleiber	Scrotal circ.	AFC	ICP	Height	Length
					SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index
1	**CB 130027** LOUWCOE DIVAN	79 465 951		7121333571 CB 100007	119 69	111 62	106 50	102 18	99 26	131 39	107 26	120 36	-1.04 71 116	15.4 62 111	-0.72 50 114	3.2 50 106	29.1 47 117	12 18 98	82 25 112	54 25 110	17.7 29 126	4.8 33 91	-4.3 19 103	15 30 120	18 28 114
2	**SW 130084** CHUTE-DEAU WILCO	79 451 373	3	WDC 080076 SW 080040	114 74	109 72	112 62	97 23	115 32	130 46	119 20	126 41	-0.70 76 112	14.3 72 109	-0.27 61 105	5.2 62 112	21.6 60 106	16 23 103	105 34 118	63 34 114	18.6 39 128	-8.2 42 104	-7.0 21 116	16 40 122	26 38 124
3	**SW 130035** CHUTE-DEAU WAAGHALS	78 477 239	1	DS 070265 SW 100049	124 74	102 72	103 61	103 23	126 34	129 47	110 20	121 42	-2.67 75 130	11.4 72 102	-0.53 60 110	2.3 61 103	23.5 64 109	10 23 97	82 28 112	53 28 109	10.1 31 110	-21.8 42 118	-8.8 26 124	12 32 116	19 31 115
4	**DP 140039** SANDVELD DUP 55	80 109 184	7	WY 100023 BB 070851	121 73	106 70	106 57	93 20	97 26	126 42	120 23	125 38	-1.69 75 121	13.0 70 106	0.38 55 92	3.3 57 106	29.4 50 117	19 20 107	121 26 122	77 26 121	10.5 33 111	1.7 34 94	-3.3 17 98	18 33 125	25 31 122
5	**WV 130006** SONDER TWYFEL WV 130006	77 531 499	1	WN 040042 HC 050650	91 74	124 73	115 63	113 31	94 36	126 50	104 24	116 45	1.45 75 93	20.7 73 124	0.58 61 88	6.3 63 115	47.8 54 144	1 31 87	44 41 103	26 41 97	4.7 46 99	1.1 45 95	-2.7 27 95	6 47 106	17 45 114
6	**GE 130013** GERUNE GERUNE GE 1300013	78 753 217	5	WY 090012 BB 040772	119 69	94 64	121 52	98 15	104 26	125 39			-1.53 71 120	7.9 64 94	0.78 52 84	8.3 52 121	16.4 49 98	15 15 102	71 15 109	48 15 107	7.7 20 105	-12.0 37 108	-4.0 16 102	15 20 120	20 19 117
7	**WV 140016** SONDER TWYFEL WV1416	79 700 639	1	CZ 100060 JA 090002	101 69	112 68	123 56	92 19	93 26	125 41			0.74 71 100	15.8 68 112	-0.31 53 106	9.1 56 123	22.8 48 108	21 19 108	74 26 110	40 26 104	14.8 28 120	3.8 30 92	-2.5 21 95	11 28 113	21 28 118
8	**HH 130041** GREJAMA GUTHRO	78 180 908	1	HH 110004 HH 100008	116 71	116 69	92 55	116 22	94 19	125 39	109 28	118 37	-0.88 73 114	17.3 69 116	-0.41 52 108	-1.8 55 92	27.0 53 114	-2 22 84	90 25 114	61 25 113	12.9 29 116	-6.2 28 102	-2.1 10 92	8 30 110	16 29 112
9	**SW 130069** CHUTE-DEAU WAAL	78 763 661		DS 070265 SW 100032	121 74	101 72	105 61	98 24	115 34	124 47			-2.96 75 133	10.9 72 101	-0.52 60 110	2.9 61 105	24.5 64 110	15 24 102	71 27 109	51 27 109	8.1 30 106	-12.9 41 109	-6.8 26 114	9 31 111	14 30 110
10	**DP 140049** SANDVELD DUPIE 64	80 429 400	2	HH 120024 HH 110011	101 71	122 69	99 55	112 17	108 16	123 37	109 20	117 34	0.78 73 99	20.0 69 122	-0.51 52 110	0.7 55 99	30.8 49 119	2 17 88	87 18 113	53 18 110	14.8 22 120	-4.2 19 100	-5.8 12 110	14 22 118	21 21 117
11	**SW 140068** CHUTE-DEAU ADMIRAAL	80 913 759	2	WDC 080076 SW 110056	123 73	99 71	104 60	92 22	110 30	122 45	112 24	118 41	-1.71 75 121	10.1 71 99	-0.19 59 104	2.4 60 104	16.0 58 98	20 22 108	83 33 112	53 33 110	14.5 37 119	-6.2 41 102	-6.1 20 111	11 38 114	22 36 119
12	**SW 140029** CHUTE-DEAU ADAM	80 913 395	1	WDC 090070 SW 100025	104 73	107 72	121 61	93 21	97 26	122 43	112 26	118 40	0.28 75 104	13.5 72 107	0.08 59 98	8.3 61 121	26.8 54 113	19 21 107	89 27 114	59 27 112	6.0 32 102	-3.7 35 99	-3.0 18 97	14 33 118	21 31 118
13	**ACA 140038** MURRUMBIDGEE JAROS 38	80 442 304	2	ACA 100105 ACA 070006	109 73	113 71	102 59	90 26	116 28	122 45	109 21	116 40	-0.33 75 109	16.3 71 113	0.34 59 93	1.8 59 102	25.2 50 111	22 26 110	73 23 110	40 23 104	12.9 27 116	-13.1 36 109	-7.0 21 116	12 26 115	22 25 119
14	**BB 140066** DUBBEL B BB140066	81 015 836		4017 WY 110085	107 70	122 65	93 52	102 10	95 18	121 35			0.15 72 105	19.8 65 122	-0.61 51 112	-1.2 52 93	26.2 28 112	11 10 98	86 10 113	52 10 109	12.7 12 116	4.1 26 91	-3.0 11 97	16 12 121	24 11 122
15	**WV 140012** SONDER TWYFEL WV1412	79 687 356	2	WN 040042 SW 080034	118 73	97 72	106 63	123 25	104 36	121 48	94 24	108 43	-0.85 74 114	9.0 72 97	-0.92 60 118	3.3 63 106	14.9 55 96	-8 25 77	0 38 92	9 38 89	1.4 43 93	-10.0 45 106	-4.3 27 103	-1 44 96	4 42 99
16	**CB 140060** LOUWCOE MANIE	80 890 825	1	CB 110017 CB 090007	121 69	106 67	95 53	95 13	107 22	120 38			-1.50 71 120	13.1 67 106	0.00 52 100	-0.7 53 95	19.0 46 102	18 13 105	70 17 109	47 17 107	13.4 20 117	-6.8 28 103	-5.3 16 108	9 21 112	16 20 112
17	**GE 140029** GERUNE GERUNE 140029	81 262 834	1	CZ 110051 CY 050839	109 68	107 64	109 53	97 20	97 30	119 41			-0.36 70 109	13.3 64 107	0.24 52 95	4.2 53 109	20.8 48 105	16 20 103	125 27 123	75 27 120	10.5 31 111	0.5 36 95	-3.3 24 98	22 31 131	31 30 129
18	**SW 140014** CHUTE-DEAU SW140014	80 913 247		WDC 090070 SW 080023	99 74	96 72	133 61	104 25	103 30	119 46	112 30	117 43	0.80 75 99	8.7 72 96	0.04 60 99	12.5 61 133	18.0 58 101	9 25 96	81 30 112	61 30 113	4.7 35 99	-13.0 37 109	-3.8 22 100	14 36 118	15 34 111
19	**LL 130034** LEANDOUX LL 130034	78 842 531	1	ACA 090033 CY 060874	113 73	95 72	110 60	124 29	106 32	119 47	103 24	111 42	-0.67 75 112	8.3 72 95	-0.12 58 102	4.6 60 110	15.7 62 97	-9 29 76	55 31 105	42 31 104	2.4 35 95	-8.7 39 105	-4.9 25 105	12 35 116	17 34 113
20	**DS 140002** SUMADA DS140002	80 941 172	1	DS 110633 HC 030409	119 74	92 71	112 60	105 21	103 32	119 45	95 20	107 40	-1.26 76 118	7.1 71 92	-0.02 60 100	5.4 60 112	11.9 54 92	8 21 95	19 29 97	24 29 96	5.1 33 100	0.8 39 95	-4.9 25 106	1 34 99	4 33 99
21	**SW 130032** CHUTE-DEAU WENEN	78 477 213	1	WDC 080076 SW 060041	124 74	96 73	100 63	102 28	108 36	118 49	112 28	116 45	-1.76 76 122	8.7 73 96	-0.14 61 103	1.0 63 100	15.7 60 97	11 28 98	71 35 109	51 35 109	12.2 39 115	-15.9 44 112	-4.8 27 105	6 40 107	15 38 111
22	**WV 140032** SONDER TWYFEL WV1432	80 385 115	1	DS 090452 HC 050650	91 72	104 70	130 59	110 23	101 30	118 44	111 24	115 40	1.41 74 94	12.0 70 104	0.78 57 84	11.6 59 130	37.7 52 129	4 23 90	84 37 112	65 37 115	6.7 43 104	-8.1 38 104	-3.7 23 100	7 44 108	12 42 107
23	**WDC 140022** RICCOR WDC 140022	79 747 374		SW 100010 WDC 110106	114 72	98 67	109 55	105 31	107 32	118 45	110 44	115 45	-0.62 74 112	9.4 67 98	-0.53 57 110	4.4 55 109	11.4 52 91	8 31 95	17 58 96	20 58 94	10.0 68 110	-7.1 39 103	-5.1 24 107	-6 69 89	-4 66 89

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					SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index
24	**WDC 140085** RICCOR WDC 140085	80 217 193		WDC 080044 WDC 080045	101 73	112 71	109 59	107 22	95 28	118 44	109 30	114 41	0.78 75 99	15.8 71 112	-0.38 56 107	4.1 59 109	30.9 40 119	6 22 93	112 37 119	79 37 122	13.4 43 117	-7.5 33 103	-2.2 22 93	4 44 104	13 42 109
25	**SW 130070** CHUTE-DEAU WESSEL	78 763 679		DS 070265 SW 090030	108 74	113 72	94 62	96 26	120 34	117 47	113 20	115 42	0.10 76 105	16.1 72 113	-0.63 60 113	-1.0 62 94	26.3 58 113	17 26 104	79 27 111	54 27 110	8.6 30 107	-14.5 41 111	-7.8 27 120	10 31 113	16 30 112
26	**ACA 130091** MURRUMBIDGEE AMLA 91	78 667 151	1	ACA 090129 ACA 080042	103 73	125 70	90 59	92 28	101 32	117 46	108 26	113 42	0.41 75 103	21.2 70 125	-0.12 58 102	-2.2 59 90	30.0 48 118	20 28 108	80 29 112	45 29 106	18.2 32 127	-3.4 40 99	-4.0 25 102	8 32 110	21 31 118
27	**ACA 130083** MURRUMBIDGEE GUNTER 083	78 667 094		ACA 090129 ACA 070061	103 73	119 70	93 59	90 26	114 33	116 46	105 25	110 42	0.34 75 103	18.8 70 119	0.11 58 97	-1.3 59 93	28.1 48 115	22 26 110	50 27 104	28 27 98	12.2 30 115	-11.4 40 107	-6.7 26 114	7 30 108	17 29 113
28	**BUR 140011** CHARBELLA RUDOLF	81 407 504	8	HH 110004 HH 090010	100 72	111 65	107 53	107 21	98 18	116 37	102 28	109 35	0.77 74 99	15.3 65 111	-0.14 54 102	3.6 53 107	26.3 44 113	7 21 93	73 24 110	50 24 108	11.8 31 114	0.2 29 95	-3.5 8 99	8 32 110	15 30 111
29	**ACA 140016** MURRUMBIDGEE EMIL 16	79 200 291	8	ACA 100113 ACA 050009	104 71	119 70	93 58	93 19	104 26	115 42			0.02 73 106	18.6 70 119	0.87 55 82	-1.3 58 93	27.4 38 114	19 19 107	75 18 110	39 18 103	18.0 25 127	9.1 36 86	-5.8 15 110	13 25 117	24 23 121
30	**WV 130024** SONDER TWYFEL WV 130024	78 466 406		DS 090452 SW 080053	101 72	95 71	125 60	101 22	107 32	115 45	99 24	107 41	0.52 74 101	8.3 71 95	0.25 58 94	10.0 60 125	26.9 53 114	12 22 99	31 34 100	36 34 101	5.0 39 100	-11.2 41 107	-4.8 24 105	-3 40 93	1 38 95
31	**CAR 140008** CAROLAIS CAR14008	80 544 448	1	SW 050023 CAR 110023	104 63	102 63	111 50	98 20	109 26	114 39			0.64 65 100	11.5 63 102	-1.23 47 125	5.0 50 111	6.9 50 84	14 20 102	59 16 106	38 16 103	8.9 19 108	-3.4 33 99	-6.1 19 111	9 19 110	15 18 110
32	**RW 130051** RIVERGLEN RIANA RW130051	78 137 858		RW 080322 RW 100957	102 72	117 70	97 58	95 23	99 28	114 43	109 24	112 39	0.59 74 101	17.8 70 117	-0.31 56 106	0.0 58 97	23.5 46 109	18 23 105	88 30 114	55 30 111	11.5 33 113	-5.1 36 101	-3.3 21 98	10 33 112	21 32 118
33	**EL 130052** ELCHASA DENZEL	79 306 858	1	ACA 090036 ACA 990131	108 74	109 72	102 62	94 31	92 36	114 49	103 26	109 44	-0.20 76 108	14.6 72 109	0.30 61 93	2.0 62 102	32.0 50 121	18 31 106	45 30 103	30 30 99	11.7 33 114	-2.1 44 98	-1.9 29 92	4 33 104	15 32 111
34	**HMV 130091** ESLAU HMV130091	78 617 958		4587100162 ESC 000091	110 74	115 72	91 64	93 35	91 48	114 55	101 44	107 53	-0.15 75 108	17.1 72 115	-0.69 63 114	-2.1 64 91	25.5 54 111	19 35 107	55 49 106	38 49 102	11.8 52 114	-13.8 55 110	-0.6 41 86	-1 52 97	12 51 108
35	**BUR 140015** CHARBELLA HUGO	81 405 524	4	HH 120024 HH 110002	112 70	99 63	105 50	106 12	99 16	113 34			-0.45 72 110	10.0 63 99	-0.19 50 103	3.0 50 105	20.9 45 105	7 12 94	33 8 100	31 8 99	8.5 14 107	2.1 24 93	-4.0 7 101	8 14 109	10 13 105
36	**DS 140917** SUMADA DS140917	79 832 333	7	WY 100023 CY 070899	105 73	104 66	108 54	99 21	97 26	113 41	120 24	117 38	0.17 75 105	12.3 66 104	0.10 56 98	4.1 54 108	24.8 40 111	14 21 101	117 28 120	78 28 121	9.3 34 109	3.2 33 92	-3.7 18 100	18 35 125	23 33 120
37	**BB 140051** DUBBEL B BB14051	80 239 775	2	CZ 110001 CZ 080070	115 70	101 67	101 55	96 27	101 29	113 43	101 22	107 39	-0.54 72 111	10.7 67 101	-0.88 55 118	1.3 55 101	15.4 48 97	17 27 104	58 27 106	44 27 105	6.6 31 103	-4.6 36 100	-4.0 22 101	6 31 106	11 30 107
38	**TB 130011** TAUREAU-BLANC TB 130011	78 237 609		CZ 090047 TB 090689	123 72	95 71	94 59	99 13	111 30	112 43			-1.39 74 119	8.3 71 95	-1.33 56 127	-1.1 59 94	12.6 52 93	14 13 101	3 20 93	13 20 91	4.4 22 99	-13.5 37 110	-5.6 23 109	0 22 97	4 21 99
39	**TB 130028** TAUREAU-BLANC TB 130028	78 680 469		CZ 070034 TB 070553	124 72	93 72	98 61	95 14	106 36	112 46	98 22	104 41	-1.75 74 122	7.3 72 93	-0.23 58 104	0.5 61 98	15.0 58 96	18 14 105	34 34 100	35 34 101	7.2 39 105	3.5 45 92	-5.7 26 110	6 39 107	8 37 103
40	**WDC 130040** RICCOR WDC 130040	78 257 359		SW 100005 WDC 100020	118 72	93 70	102 58	118 28	92 30	112 45	94 43	102 45	-0.83 74 114	7.2 70 93	-1.00 56 120	1.8 58 102	8.5 52 87	-4 28 82	37 56 101	35 56 101	2.5 66 95	-7.0 37 103	-1.5 24 90	6 68 107	9 64 104
41	**DS 140989** SUMADA DS140989	80 259 047	8	DS 110633 HC 030479	105 74	93 71	119 59	97 11	102 26	111 41			0.53 76 101	7.5 71 93	-1.33 60 127	7.9 59 119	7.7 54 86	16 11 103	37 25 101	27 25 97	10.1 30 110	-1.0 34 97	-4.5 18 104	6 31 107	13 29 108
42	**SW 140071** CHUTE-DEAU ANDERSON	80 913 775	1	WDC 080076 SW 110046	115 73	94 71	103 61	104 22	104 31	111 45	110 26	111 41	-0.81 75 113	7.9 71 94	-0.21 59 104	2.3 61 103	11.1 58 91	9 22 96	73 32 110	52 32 109	12.6 37 115	-7.8 40 104	-4.3 22 103	6 38 107	16 36 112
43	**KCC 140024** CLEARWATER KCC140024	80 339 633	3	KCC 090020 KCC 090011	102 70	112 67	99 55	97 16	99 26	110 40			0.88 72 98	15.6 67 112	-1.04 54 121	0.7 55 99	16.4 50 98	16 16 103	18 23 96	15 23 92	8.8 26 108	-1.5 37 97	-3.6 16 99	3 26 102	9 25 104
44	**HH 130037** GREJAMA GARUN	78 679 966	2	HH 100009 HH 090012	114 71	99 70	96 58	116 24	93 22	110 41	97 30	103 39	-0.74 73 113	10.1 70 99	0.05 54 99	-0.3 58 96	23.9 59 109	-2 24 84	30 27 99	35 27 101	5.5 33 101	-2.9 31 99	-1.9 12 92	-3 34 93	3 32 97
45	**KCC 130009** CLEARWATER KCC130009	78 600 756		SW 030012 KCC 100027	120 73	90 71	94 61	118 25	113 35	109 47			-1.18 74 117	6.1 71 90	-0.64 59 113	-1.0 61 94	12.7 58 93	-3 25 82	-54 25 79	-13 25 79	0.8 29 91	-19.3 45 116	-5.7 25 109	-15 29 76	-13 28 79
46	**SW 140049** CHUTE-DEAU ASTRO	80 913 577	2	DS 090440 SW 100027	95 73	121 72	94 61	93 20	103 28	109 44			1.22 75 95	19.5 72 121	0.20 59 96	-0.9 61 94	27.0 58 114	20 20 107	110 28 119	59 28 112	15.1 34 121	4.0 37 92	-5.0 19 106	21 35 129	32 33 130

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47	**FR 130012** FAIRBRIDGE FROMAGE	80 942 055	3	CJ J 0006 FR 080008	106 75	101 72	104 63	92 40	113 48	109 56	103 40	105 53	-0.12 76 107	10.8 72 101	0.73 63 85	2.6 63 104	19.0 66 102	20 40 108	43 46 103	38 46 103	4.0 48 98	-6.0 53 102	-6.8 44 115	-3 48 93	9 47 105
48	**FR 130004** FAIRBRIDGE BRIE	81 462 780		SW 030012 FR 070017	97 74	108 72	109 62	92 28	99 40	109 50	96 24	102 45	1.18 75 96	13.9 72 108	-0.38 60 107	4.4 62 109	30.6 64 119	20 28 108	6 30 94	11 30 90	5.8 33 102	-9.2 47 105	-3.0 32 97	-2 33 94	5 32 100
49	**DP 130027** SANDVELD DUP 19	78 266 624		ELK 100010 DP 110003	107 69	105 68	97 55	100 22	102 26	108 41			0.07 71 106	12.6 68 105	-0.14 51 103	0.1 55 97	20.5 60 104	13 22 100	55 16 105	40 16 104	8.8 18 108	3.9 32 92	-4.9 19 106	5 18 105	12 18 108
50	**WDC 140061** RICCOR WDC 140061	80 040 884		SW 100010 WDC 050041	111 73	94 71	109 59	102 30	93 34	108 48	111 32	110 45	-0.36 75 109	7.7 71 94	-0.28 58 105	4.1 59 109	14.0 49 95	11 30 98	42 38 102	42 38 104	6.9 42 104	-0.5 41 96	-2.2 28 93	-14 43 77	-4 41 89
51	**SW 140067** CHUTE-DEAU ATOS	80 913 734	1	WDC 110032 SW 050037	103 74	98 71	107 61	112 28	108 32	108 47	104 26	106 43	0.61 76 101	9.4 71 98	-0.50 59 110	3.5 61 107	16.8 56 99	2 28 88	25 34 98	25 34 97	5.3 39 101	-16.9 40 113	-4.7 25 105	-1 39 96	3 38 97
52	**CZ 130075** CLAWAC 13075	78 478 419	1	CZ 110001 CZ 080068	116 72	96 66	96 55	113 18	90 26	108 40	94 33	100 39	-0.76 74 113	8.6 66 96	-0.83 55 117	-0.4 55 96	14.3 48 95	1 18 87	11 55 95	19 55 94	3.4 66 97	1.0 34 95	-1.5 18 90	4 68 104	5 64 100
53	**BL 140030** WAARMAKER BL14-30	79 873 600	1	ACA 080013 BL 060011	101 71	103 69	103 57	101 18	113 31	107 43			0.75 73 99	11.7 69 103	-0.31 56 106	2.0 57 103	12.0 49 92	12 18 99	34 18 100	28 18 98	7.1 22 104	-7.0 42 103	-6.8 20 115	5 23 105	12 22 107
54	**MF 130033** PENMICK MF 130033	78 988 367	2	MF 090042 MF 070066	95 71	114 68	97 57	93 8	118 26	107 39			0.97 73 98	16.8 68 114	1.01 55 79	-0.1 57 97	31.8 52 121	19 8 107	92 19 114	60 19 113	10.0 22 110	-19.5 35 116	-6.8 17 115	9 23 111	19 22 116
55	**WDC 140053** RICCOR WDC 140053	80 040 827		SW 100010 WDC 110107	110 72	91 70	106 58	109 29	106 32	107 46	136 44	123 46	-0.29 74 109	6.4 70 91	-0.20 56 104	3.1 58 106	15.0 54 96	5 29 91	34 58 100	34 58 101	1.8 68 93	-6.8 40 103	-5.1 25 107	-10 69 83	-2 66 92
56	**SW 140078** CHUTE-DEAU AKTAR	80 913 841		WDC 110032 SW 040043	92 73	103 72	115 61	92 26	119 32	107 47	107 30	107 44	1.81 75 90	11.5 72 103	-0.74 59 115	6.3 61 115	9.9 56 89	21 26 108	53 36 105	36 36 102	9.3 41 109	-17.3 39 114	-7.3 25 117	5 42 105	10 40 105
57	**FR 130010** FAIRBRIDGE COMTE	80 942 063	2	CJ J 0006 FR 070012	101 75	104 73	101 64	95 39	114 49	107 56	103 40	104 53	0.53 76 101	12.2 73 104	0.15 63 97	1.4 64 101	17.7 66 100	17 39 105	45 46 103	39 46 103	2.9 48 96	-6.1 53 102	-7.2 45 116	-3 48 94	10 47 106
58	**BUR 140012** CHARBELLA HAROLD	81 407 496	8	HH 110004 HH 070302	100 72	101 65	110 54	101 25	99 17	107 38	98 31	102 37	0.80 74 99	10.8 65 101	-0.38 55 107	4.5 54 110	21.2 43 105	12 25 99	64 26 108	55 26 111	7.2 33 105	-6.1 27 102	-3.2 7 98	3 35 103	6 32 101
59	**WDC 130080** RICCOR WDC 130080	78 257 680	1	SW 070005 WDC 070018	116 74	96 72	96 60	100 29	99 36	107 49	96 44	100 48	-0.72 76 113	8.5 72 96	-0.81 58 116	-0.2 60 96	13.5 55 94	13 29 100	26 60 98	37 60 102	-0.5 69 89	-9.2 44 105	-3.1 27 97	-9 71 85	-7 68 85
60	**CB 140058** LOUWCOE DOMMIE	80 890 809		CB 110017 HC 040563	114 71	103 69	90 57	106 22	95 31	107 44	94 24	100 40	-0.36 73 109	11.6 69 103	-1.09 55 122	-2.5 57 90	16.4 54 98	7 22 94	32 29 100	31 29 99	8.8 33 108	-7.4 36 103	-2.2 26 93	2 33 100	8 32 103
61	**WDC 140014** RICCOR WDC 140014	79 747 101		4240974109 WDC 100043	100 70	95 66	117 53	102 25	97 26	107 41	83 41	93 41	0.73 72 100	8.2 66 95	0.00 51 100	7.2 53 117	15.4 46 97	11 25 98	5 56 93	7 56 88	-3.0 67 84	-3.9 33 100	-2.9 20 96	3 69 102	14 65 110
62	**ACA 140045** MURRUMBIDGEE ALEX 45	80 442 379		ACA 110050 ACA 060084	109 72	93 70	104 57	107 24	105 28	106 44			-0.55 74 111	7.3 70 93	0.91 55 81	2.4 57 104	13.4 49 94	7 24 93	-12 15 89	5 15 87	5.9 20 102	-6.9 37 103	-4.7 19 105	-4 21 92	0 19 94
63	**KCC 130003** CLEARWATER KCC130003	78 600 715	2	4522790926 KCC 070016	108 70	103 68	92 55	121 18	95 22	106 39			0.10 72 105	11.6 68 103	-0.57 52 111	-1.8 55 92	20.5 48 104	-6 18 79				1.4 33 94	-2.8 10 96		
64	**WV 140035** SONDER TWYFEL WV1435	80 385 164		DS 090452 PP 080212	97 71	93 69	121 58	99 17	108 30	106 43	101 22	103 39	0.81 73 99	7.4 69 93	0.66 56 86	8.4 58 121	28.2 50 115	14 17 101	36 32 101	41 32 104	6.3 37 103	-14.6 38 111	-4.8 23 105	1 38 99	3 36 97
65	**DP 140044** SANDVELD DUP 60	80 109 234	2	DP 080017 ESC 070135	105 73	103 70	99 58	91 27	111 32	106 46	100 30	102 43	-0.14 75 107	11.6 70 103	0.86 58 82	0.6 58 99	21.9 54 106	22 27 109	66 30 108	54 30 110	0.4 35 91	-11.8 39 108	-5.8 24 110	5 35 106	8 34 103
66	**DS 140979** SUMADA DS140979	80 177 686	1	DS 110660 DS 090490	98 73	100 71	110 59	104 25	105 31	106 45	98 28	101 42	0.96 75 98	10.4 71 100	-0.21 58 104	4.5 59 110	15.9 52 98	10 25 96	35 31 100	29 31 98	2.0 35 94	-3.1 37 99	-5.0 25 106	3 35 103	9 33 105
67	**BUR 140010** CHARBELLA JAN	81 405 508	3	HH 120024 HH 110023	103 70	104 64	100 52	99 14	100 18	106 36	95 20	99 33	0.62 72 101	12.2 64 104	-0.52 51 110	1.3 52 100	21.7 40 106	13 14 101	38 19 101	37 19 102	4.9 23 100	-9.9 26 106	-3.1 9 97	12 24 116	11 22 106
68	**KCC 140010** CLEARWATER KCC140010	80 176 720	5	KCC 090020 KCC 080019	115 70	95 67	97 54	100 15	96 19	105 37			-0.45 72 110	8.3 67 95	-1.11 52 122	0.1 54 97	8.5 50 87	13 15 100	-10 6 90	5 6 87	2.0 13 94	-5.5 31 101	-2.6 7 95	-3 12 94	2 10 97
69	**KCC 140039** CLEARWATER KCC140039	80 509 938	8	KCC 090020 KCC 100017	123 67	93 65	91 52	104 6	91 16	105 33			-1.51 69 120	7.2 65 93	-1.81 50 137	-2.1 52 91	4.9 44 81	9 6 96			1.7 10 93	-8.2 28 104		0 11 98	4 8 99

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Born in 2013/2014 and both parents are known.
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All selection values above 90
Cow Value above breed average (100)

	Bull				Selection Values (SV)								Calf weight		Mothering ability		Growth & efficiency				Fertility			Frame	
	ID / Bull name	Comp. Nr	% In-Breeding	Sire ID / Dam ID	Calv. Ease	Calf Growth	Milk	Cow Maint.	Cow Fertility	L.Cow Value	L.Gr. Value	L.Prod Value	Birth weight	Weaning weight	Birth Mat.	Milk	Post-W weight	Mature weight	ADG	Kleiber	Scrotal circ.	AFC	ICP	Height	Length
					SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index
70	**KCC 140009** CLEARWATER KCC140009	80 176 712	3	KCC 090020 KCC 070016	115 70	97 67	90 53	113 15	97 18	105 37			-0.61 72 112	9.2 67 97	-1.66 51 134	-2.3 53 90	7.5 46 85	1 15 87			-1.0 8 88	-6.3 28 102	-2.8 8 96	-5 8 90	0 6 94
71	**SW 130034** CHUTE-DEAU WUIM	78 477 221	1	DS 090440 SW 050037	95 74	116 73	94 62	93 22	105 32	105 46	117 20	111 41	1.34 76 94	17.3 73 116	-0.16 61 103	-1.0 62 94	28.1 65 115	19 22 107	88 31 114	51 31 109	13.2 37 117	-15.3 40 111	-4.1 25 102	16 38 121	25 36 122
72	**MF 130005** PENMICK MF 130005	78 988 250	3	WDC 080003 MF 070060	100 72	106 70	96 57	97 12	119 29	105 42	111 33	108 40	0.51 74 102	13.2 70 106	0.74 55 85	-0.1 57 96	19.5 48 103	16 12 103	75 34 110	48 34 107	5.8 39 102	-13.2 38 109	-7.8 20 119	4 40 104	21 38 118
73	**SW 140063** CHUTE-DEAU ADEL	80 913 692		WDC 110032 SW 050034	96 73	95 71	118 60	100 26	106 32	105 46	105 27	105 42	1.45 75 93	8.4 71 95	-0.81 58 116	7.5 60 118	6.4 54 84	13 26 100	34 34 100	29 34 99	5.2 38 100	-11.6 39 108	-4.7 26 105	2 39 101	4 37 98
74	**SW 140030** CHUTE-DEAU AMOS	80 913 403	2	WDC 110032 SW 060025	92 74	107 71	106 60	101 25	104 30	105 45	103 23	104 41	1.78 76 90	13.6 71 107	-0.72 59 114	3.4 60 106	18.7 55 102	12 25 99	29 34 99	25 34 96	7.1 39 104	-6.9 39 103	-4.4 21 103	-1 40 96	4 38 98
75	**SW 130054** CHUTE-DEAU SW130054	78 763 919	1	WDC 080076 SW 060019	112 74	95 73	101 63	93 26	101 33	105 47	102 26	102 43	-0.50 76 111	8.1 73 95	-0.18 61 103	1.5 63 101	12.3 66 92	19 26 107	34 34 100	31 34 99	10.9 39 112	-1.3 42 97	-4.2 24 102	3 40 102	10 38 105
76	**DS 140930** SUMADA DS140930	80 018 336		DS 110633 S 040973	107 74	101 71	98 60	93 24	102 34	105 47	91 23	96 42	0.08 76 105	10.9 71 101	-0.38 60 107	0.5 60 98	16.8 54 99	20 24 107	-7 28 90	7 28 88	2.3 30 94	-3.6 40 99	-4.2 29 103	-1 31 97	2 30 96
77	**BUR 130007** CHARBELLA BUR130007	78 745 502	1	ACA 070020 ACA 030136	99 73	104 68	103 58	105 26	92 36	104 47			0.74 74 100	12.3 68 104	0.39 60 92	2.0 58 103	17.8 52 100	9 26 95	2 24 92	6 24 88	9.1 28 108	-11.1 45 107	-1.1 27 88	4 29 104	8 27 103
78	**KCC 130005** CLEARWATER KCC130005	78 600 731		4522790926 KCC 050014	111 70	98 68	90 55	113 18	105 24	104 40			-0.54 72 111	9.6 68 98	0.14 52 97	-2.3 55 90	17.5 48 100	1 18 87				-3.7 34 99	-5.0 14 106		
79	**ER 140009** E-LIEN LEOPOLD	80 329 279	2	SW 080009 MF 000004	101 56	108 63	98 53	90 15	98 32	104 40			0.74 57 100	13.8 63 108	-0.47 46 109	0.3 53 98	21.9 50 106	22 15 110	46 21 103	37 21 102	1.7 23 93	-4.2 40 100	-3.3 25 98	8 23 110	11 23 106
80	**KCC 130004** CLEARWATER KCC130004	78 600 723		FR210110948 KCC 070035	104 71	107 69	91 57	95 15	105 26	104 41			0.27 73 104	13.4 69 107	-0.04 55 100	-2.0 57 91	23.4 52 108	17 15 105				-7.8 37 104	-4.7 14 105		
81	**WV 140007** SONDER TWYFEL WV 140007	79 295 374	1	PP 070181 CZ 070054	95 71	98 70	115 59	90 24	111 33	104 46			1.20 73 95	9.4 70 98	0.08 56 98	6.5 59 115	26.1 46 112	22 24 110	36 28 101	30 28 99	9.4 31 109	-12.6 41 109	-5.8 25 110	9 32 111	13 31 109
82	**ACA 130102** MURRUMBIDGEE TOLLA 102	78 667 235	1	ACA 090129 ACA 100058	105 73	101 69	96 58	99 26	115 30	104 45	100 24	101 41	0.18 75 105	11.0 69 101	0.14 57 97	-0.3 58 96	16.9 42 99	14 26 101	47 27 103	41 27 104	10.1 30 110	-17.4 39 114	-6.2 22 112	0 30 98	4 29 98
83	**RW 130068** RIVERGLEN TAB RW130068	78 430 139	1	CY 050835 RW 080374	105 73	92 71	109 60	98 23	105 36	104 47	98 24	100 42	0.28 75 104	7.1 71 92	-0.41 59 108	4.2 60 109	19.7 51 103	15 23 102	36 30 101	47 30 107	6.4 32 103	-18.0 44 114	-3.8 28 101	-10 32 83	-6 32 87
84	**RW 130063** RIVERGLEN ROAN RW130063	78 137 924	2	WDC 090017 RW 070205	108 73	98 69	101 59	91 32	105 36	104 48	98 26	100 44	-0.29 75 109	9.4 69 98	0.51 58 89	1.5 59 101	14.8 50 96	21 32 109	34 30 100	33 30 100	5.0 33 100	-5.8 41 102	-4.7 30 105	0 34 98	9 33 104
85	**EL 140012** ELCHASA EDMUND	79 758 082	1	ACA 080123 EL 090001	93 71	110 69	102 57	90 29	105 30	103 45			1.48 73 93	14.8 69 110	-0.03 55 100	1.9 57 102	17.7 44 100	22 29 110	22 21 97	16 21 92	9.0 24 108	-10.0 40 106	-4.4 20 103	6 21 107	11 20 107
86	**DP 130017** SANDVELD DUP 12	77 497 360	15	DP 080017 MC 070030	91 72	115 71	94 60	103 23	104 24	103 43	102 27	102 40	1.53 74 92	16.8 71 115	0.31 58 93	-0.9 60 94	23.3 63 108	10 23 97	83 25 112	58 25 112	1.7 34 93	-6.9 34 103	-4.5 13 104	7 35 108	15 33 111
87	**DS 140959** SUMADA DS140959	80 018 237	1	DS 110660 DS 070338	95 73	100 70	114 58	95 25	92 31	103 45	100 21	101 40	1.33 75 94	10.3 70 100	-0.29 58 106	6.0 58 114	13.8 52 94	17 25 105	40 27 102	31 27 100	6.7 30 103	7.2 38 88	-2.5 24 94	8 30 109	11 29 106
88	**WV 140027** SONDER TWYFEL WV1427	80 385 081		DS 090452 WV 090009	100 70	94 68	115 56	101 17	96 28	103 41	100 22	101 37	0.76 72 99	7.6 68 94	0.02 54 99	6.2 56 115	23.3 50 108	12 17 99	42 32 102	46 32 106	5.4 37 101	0.7 35 95	-3.2 21 98	0 38 98	2 36 96
89	**TB 130966** TAUREAU-BLANC TB 130966	78 237 823		CZ 070034 TB 060486	112 72	98 72	95 61	91 14	99 34	103 45	99 22	100 40	-0.69 74 112	9.6 72 98	0.46 58 90	-0.6 61 95	18.5 58 101	21 14 109	45 34 103	39 34 103	8.8 39 108	8.9 44 86	-4.5 25 104	9 39 111	12 37 107
90	**DS 130861** SUMADA DS130861	78 000 270		WDC 080048 DS 090490	111 74	92 70	100 59	106 25	103 36	103 47	98 40	100 46	-0.57 75 111	6.7 70 92	0.20 60 96	1.2 59 100	12.8 61 93	8 25 94	26 41 98	29 41 98	-1.4 46 87	-5.2 43 101	-4.3 28 103	-2 46 94	6 45 101
91	**DS 140943** SUMADA DS140943	80 018 153	1	DS 110660 DS 090501	103 73	100 70	99 59	105 25	106 30	103 45	98 27	99 41	0.42 75 102	10.3 70 100	0.04 58 99	0.8 59 99	15.0 42 96	9 25 95	39 30 101	39 30 103	1.7 34 93	-0.5 36 96	-5.5 24 108	-1 34 96	2 33 96
92	**DS 140971** SUMADA DS140971	80 192 198	1	DS 110660 DS 090466	102 73	100 71	104 59	97 24	94 30	103 45	98 26	99 41	0.45 75 102	10.6 71 100	0.07 58 98	2.4 59 104	15.6 43 97	16 24 103	44 30 103	39 30 103	3.3 33 96	2.8 37 93	-2.6 24 95	2 33 101	7 32 101

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	Bull				Selection Values (SV)								Calf weight		Mothering ability		Growth & efficiency				Fertility			Frame	
	ID Bull name	Comp. Nr	% In-Breeding	Sire ID Dam ID	Calv. Ease	Calf Growth	Milk	Cow Maint.	Cow Fertility	L.Cow Value	L.Gr. Value	L.Prod Value	Birth weight	Weaning weight	Birth Mat.	Milk	Post-W weight	Mature weight	ADG	Kleiber	Scrotal circ.	AFC	ICP	Height	Length
					SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index
93	**EL 140047** ELCHASA GAVIN	80 935 257	2	ACA 090036 EL 100002	108 71	90 65	96 53	141 20	95 27	102 41			-0.26 73 108	6.1 65 90	0.22 54 95	-0.3 53 96	22.0 39 106	-24 20 59	-8 11 90	11 11 90	2.3 17 94	-2.7 37 98	-2.4 17 94	-7 18 87	-1 16 93
94	**DP 130024** SANDVELD DUP 16	78 266 590	1	ELK 100010 DP 100035	113 69	95 68	93 54	97 24	106 24	102 41			-0.59 71 111	8.4 68 95	-0.29 50 106	-1.4 54 93	15.5 60 97	16 24 103	31 15 100	34 15 101	4.5 17 99	0.5 31 95	-5.5 18 109	0 17 97	5 16 99
95	**TB 140059** TAUREAU-BLANC TB 140059	80 271 315	2	CZ 100061 TB 070523	98 71	94 69	118 57	91 14	96 27	102 41			1.17 73 96	7.9 69 94	-0.59 55 112	7.4 57 118	11.0 52 90	21 14 109	39 23 101	36 23 102	0.9 26 92	-7.0 35 103	-2.5 19 94	6 26 106	8 25 104
96	**DP 140058** SANDVELD DUP 66	80 526 205	1	PP 090268 DP 120047	112 72	95 69	93 56	106 18	101 24	102 40			-0.62 74 112	8.1 69 95	0.14 55 97	-1.3 56 93	17.3 52 100	7 18 94	13 15 95	23 15 96	5.4 18 101	0.1 33 96	-4.3 16 103	-2 18 95	1 17 95
97	**ACA 140003** MURRUMBIDGEE WYNAND 03	79 227 849	1	ACA 090033 WY 090009	91 73	102 70	113 57	92 23	106 28	102 43			1.50 75 93	11.5 70 102	0.61 58 87	5.7 57 113	28.3 44 116	20 23 108	80 26 112	52 26 109	5.5 30 101	-0.1 38 96	-5.4 17 108	13 31 117	22 29 119
98	**HV 140011** CHARZA HENRI	79 501 698		ELK 100003 ACA 100078	103 68	101 62	97 48	102 13	102 18	102 34			0.34 70 103	10.8 62 101	0.25 50 95	0.1 48 97	19.7 42 103	12 13 98			7.7 9 105	-10.8 29 107	-3.7 8 100	2 9 100	
99	**DP 130045** SANDVELD DUP 29	78 999 067	4	DP 090024 MC 070018	93 73	103 72	107 61	92 28	115 30	102 46			1.47 75 93	11.8 72 103	0.08 59 98	3.6 61 107	14.8 58 96	21 28 108	79 22 111	52 22 109	10.0 25 110	-11.4 38 107	-7.0 21 116	5 26 105	17 25 114
100	**TB 140065** TAUREAU-BLANC TB 140065	80 271 091		CZ 090047 TB 060470	107 72	93 71	103 59	100 14	105 30	102 43			0.11 74 105	7.3 71 93	-0.45 56 109	2.1 59 103	12.2 52 92	13 14 100	-3 20 91	8 20 89	4.9 22 100	-11.6 38 108	-4.2 23 103	-2 22 94	3 21 98
101	**IE 130004** IRENE ESTATE 1304	78 766 193		CZ 080020 WDC 060021	91 59	102 69	114 59	95 29	100 32	102 45	106 37	103 43	1.96 60 89	11.3 69 102	-0.76 51 115	6.0 59 114	17.9 53 100	17 29 105	85 42 113	65 42 115	24.1 47 139	-20.4 40 117	-2.2 25 93	-1 48 97	7 47 102
102	**SW 140079** CHUTE-DEAU ASBES	80 934 789		WDC 110032 CZ 050076	91 74	103 72	109 61	103 30	103 32	102 47	104 32	103 44	1.70 76 91	11.8 72 103	-0.05 60 101	4.2 61 109	13.9 54 95	10 30 97	32 40 100	22 40 95	7.8 45 106	-6.0 40 102	-4.3 25 103	1 46 100	14 44 110
103	**DS 140945** SUMADA DS140945	80 021 090		DS 110660 DS 070323	101 73	100 70	101 58	105 23	103 32	102 45	91 23	95 41	0.65 75 100	10.3 70 100	-0.15 59 103	1.4 58 101	18.5 52 101	8 23 95	4 30 93	15 30 92	-5.4 33 79	-1.7 39 97	-4.6 25 104	2 32 101	5 31 100
104	**ACA 140054** MURRUMBIDGEE LUCA 54	80 442 452	3	ACA 110050 ACA 110010	107 71	95 67	96 53	109 14	105 22	101 38			-0.47 73 110	8.1 67 95	1.16 53 76	-0.1 53 96	14.1 41 95	5 14 91			7.7 9 106	-12.3 33 108	-4.1 12 102	-1 11 96	2 7 96
105	**TB 130965** TAUREAU-BLANC TB 130965	78 237 815	1	CZ 100061 TB 100737	110 72	92 71	99 58	103 14	103 27	101 42			-0.13 74 107	6.8 71 92	-0.55 56 111	0.9 58 99	13.3 51 94	11 14 97	7 26 94	28 26 98	-3.2 30 83	-4.3 36 100	-4.4 18 103	1 30 100	-2 29 92
106	**SW 140092** CHUTE-DEAU ARMAND	81 077 844	1	WDC 110032 SW 060010	96 73	100 71	106 60	99 28	105 32	101 47	107 26	104 43	1.35 75 94	10.5 71 100	-0.62 59 112	3.3 60 106	16.1 55 98	14 28 101	40 34 102	33 34 100	5.6 39 101	-10.4 39 106	-4.5 25 104	1 39 100	5 38 100
107	**FR 130011** FAIRBRIDGE EMMENTAL	80 942 121		CJ J 0006 FR 040001	98 76	106 73	94 65	101 42	109 50	101 57	104 42	102 54	0.69 77 100	13.2 73 106	0.78 64 84	-0.8 65 94	20.3 67 104	12 42 99	45 47 103	43 47 105	0.2 49 90	3.9 55 92	-6.7 46 114	0 49 97	8 48 103
108	**MCS 140031** MARSHALL 14 031	79 403 358	2	MCS 090064 THG 030003	96 73	104 69	106 58	92 17	93 36	101 45	101 24	100 41	0.84 75 99	12.1 69 104	0.98 58 80	3.3 58 106	18.9 56 102	21 17 108	33 27 100	31 27 99	7.5 30 105	-1.3 45 97	-2.3 27 93	3 30 102	5 29 100
109	**NCS 140045** ROSNEV NCS140045	80 237 803		0397108304 NCS 020021	113 75	90 74	98 65	107 32	94 44	101 53	99 40	99 50	-0.64 76 112	6.0 74 90	-0.05 63 101	0.5 65 98	13.3 58 94	6 32 93	20 47 97	30 47 99	1.9 50 94	-6.6 53 103	-2.0 34 92	-11 49 81	-1 49 93
110	**DA 130019** DAVIREN LIGHTNING	77 209 476	2	PP 090314 PP 060083	95 71	105 69	100 56	94 9	102 26	100 39			1.15 73 96	12.6 69 105	0.16 55 96	1.3 56 100	20.4 46 104	18 9 106	25 17 98	20 17 94	6.5 21 103	-3.4 34 99	-4.3 18 103	4 21 104	12 20 108
111	**ESS 140033** FREDDIE-MARKRAM MARKRAM 140033	80 538 424	4	ESS 110010 ESS 070001	91 68	105 62	107 48	90 10	99 21	100 35			1.78 70 90	12.8 62 105	-0.33 50 106	3.4 48 107	19.6 50 103	22 10 110				2.7 29 93	-4.1 13 102		
112	**SW 140060** CHUTE-DEAU ANGELO	80 913 668		WDC 110032 SW 040056	95 73	98 71	109 60	94 25	107 32	100 46	100 29	99 43	1.49 75 93	9.5 71 98	-0.80 59 116	4.1 60 109	8.8 54 87	18 25 106	25 35 98	22 35 95	6.8 40 104	-14.4 39 111	-4.6 25 104	0 41 98	5 39 99
113	**SW 140064** CHUTE-DEAU SW140064	80 913 700	3	WDC 110032 SW 030011	93 74	100 72	105 61	117 28	101 31	100 47	100 27	98 43	1.75 76 91	10.3 72 100	-0.68 60 114	2.7 61 105	10.1 56 89	-3 28 83	20 37 97	24 37 96	4.3 42 99	-7.5 40 103	-3.7 22 100	-7 42 88	-1 41 93
114	**DS 140958** SUMADA DS140958	80 021 124	1	DS 110660 DS 090491	106 73	90 71	103 59	107 23	106 30	100 45	93 26	95 41	-0.07 75 107	5.9 71 90	0.32 58 93	2.1 59 103	10.1 50 89	7 23 93	21 30 97	32 30 100	-1.6 33 86	-3.4 37 99	-5.3 23 108	-3 33 93	-1 32 92

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