



Ergebnisse der Zuchtwertschätzung August 2021

Basisanpassung

Nach dem Übergang zu einer auf Kuhjahrgängen bezogenen Basis mit damals größeren Basisanpassungen im April liegen die Abschreibungen bei der August-Zuchtwertschätzung mit GZW -0,7, MW -0,6, FW -0,1, FIT -0,3 in etwa in der Dimension der früheren Veränderungen auf Bullenbasis.

Neue Single-Step-Zuchtwertschätzung für Persistenz

Bei der großen Umstellung auf Single-Step im April wurden einige Merkmale zurückgestellt. Nun wurde auch das Merkmal Persistenz auf Single-Step umgestellt, d.h. die enormen Vorteile in Bezug auf einbezogene Datenmenge und Zuchtwertsicherheit greifen auch hier. Die Veränderungen bei der Umstellung liegen in etwa in den Dimensionen der anderen Milchleistungsmerkmale. Als einziges Merkmal im alten Two-Step-Verfahren bleibt noch „Leistungssteigerung“, hier soll zur Dezember-Schätzung ebenfalls auf Single-Step umgestellt werden.

Single-Step Exterieur

Zur Bewältigung des enormen Datenzuwachses wurde auf eine verbesserte Software umgestellt, die zu genaueren Schätzwerten führt. Auffällig sind die doch erheblichen Rückgänge im bisherigen Spitzensegment der Euterzuchtwerte. Es besteht der Eindruck, dass diese jetzt im realistischeren Bereich liegen.

Neuer Zuchtwert Melkverhalten (MVH)

Bisher wurde das Melkverhalten nur bei geprüften Bullen über die Angabe „Nervosität“ beim Balkendiagramm erfasst. Jetzt liegen Single-Step-Zuchtwerte für alle genotypisierten Tiere vor.

Datengrundlage sind die Erhebungen aus der Nachzuchtbewertung in Bayern und Baden-Württemberg und in Österreich zusätzlich die Erfassungen aus der MLP.

Mit 5% liegt die Heritabilität niedrig, daher wird der Zuchtwert erst ab einer Sicherheit von 40% veröffentlicht. Die Zusammenhänge zwischen den Häufigkeiten nervöser Kühe und dem Zuchtwert MVH sind in den extremen Bereichen doch sehr deutlich.

Mit dem Zuchtwert Melkverhalten bekommt der Züchter ein Hilfsmittel an die Hand, um in Richtung einer ruhigen und umgänglichen Herde zu züchten. Auch wenn bei der Einführung eines Zuchtwerts die Erwartungen häufig sehr hoch sind, sollten schon aufgrund der niedrigen Erbllichkeit, Selektionsentscheidungen bedachtsam und unter Berücksichtigung aller übrigen Zuchtwerte erfolgen.

Einsatz in Gezielter Paarung:

Bullenmütter: NKP: HILFINGER

GJV: HAPPYFARM, MAZZE, VREDO, MENOP, WALLSTREET, STAHL, EGOIST; MYDREAM

Hornlose GJV: MAD ROCK Pp*, HAKA PP*, WOLFELSEE Pp*, MAYA Pp*; MERLO PP*

Jungkühe: MENOP, WALLSTREET, MAD ROCK Pp*, MATTES Pp*

Jungrinder: STAHL, WOLFELSEE Pp*, MAYA PP*; MERLO PP*

Hinweise:

Diese Empfehlungsliste beinhaltet nur Bullen, die frei von den Erbfehlern DW, F2, F5, TP, ZDL und B2 sind. Von den Besamungsstationen werden zum Teil auch Anlageträger in den Katalogen veröffentlicht. Solche Bullen dürfen nur dann verwendet werden, wenn derselbe Erbfehler nicht in der Abstammung der Kuh vorhanden ist. Die beste Möglichkeit, dies auszuschließen, ist die **Anpaarungsplanung mit OPTIBULL**. Somit können hochwertige Anlageträger ohne Risiko eingesetzt werden. Nutzen Sie diesen Service !

Die Empfehlungsliste des Fachzentrums Rinderzucht bezieht sich schwerpunktmäßig auf die Besamungsstation Höchstädt, die den größten Teil des Zuchtgebietes abdeckt. Aus Platzgründen können wir das Angebot der weiteren im Gebiet tätigen Stationen (Bayern-Genetik und Greifenberg) nicht umfassend darstellen. Die interessantesten Bullen finden sie in der überregionalen Auswahl. Für weitere Informationen stehen die Fachberater für Rinderzucht gern zur Verfügung.

Auswahl nachkommengeprüfter Vererber der Besamungsstation Höchstädt

Identitätsdaten				Gesamtzucht- wert	Milchleistung Melkbarkeit	Persistenz	FW	Fitness Zuchtleistung	Nutzungsdauer paternal/maternal	Exte- rieur
17	Sisyphus	10/ 180561	DE000666439378	gGZW 131 98%	MW 113 99%	P 102 99%	115	FIT 115 97%	N 107 94%	671 89
3		2015		+233	+0.24	+29	99%	EGW 112 98%	ZZ 114 99%	111
Symposiu	10/ 605988	AT000499482519		1.L 2124 7.7	2.L 922 4.6	3.L 27 1.8	110	Fp [+2]	FRW 113 96%	100
Wille .	10/ 426617	DE000813516428		1407 7456 4.36	325 3.52	262 HD 8581	109	Kp 113 99%	Km 107 98%	123
							114	VIW 107 98%		(99)
28	Dream	10/ 606266	AT000353547428	gGZW 128 93%	MW 123 98%	P 95 97%	121	FIT 97 90%	N 94 79%	157 111
2		2016		+820	+0.07	+40	99%	EGW 97 94%	ZZ 97 95%	108
Dax .	10/ 171420	DE000948300739		1.L 438 4.3	2.L 6 1.5	3.L	125	Fp [-2]	FRW 102 82%	109
Everest	10/ 179900	DE000945582236		29 8078 3.98	322 3.58	289 HD 9101	114	Kp 94 99%	Km 106 93%	111
							113	VIW 99 95%		(103)
38	Imperativ	10/ 193800	DE000951041694	gGZW 127 98%	MW 115 99%	P 97 99%	108	FIT 113 97%	N 105 94%	841 91
3		2015		+330	+0.19	+29	99%	EGW 103 98%	ZZ 103 99%	98
Impressi	10/ 170524	DE000942684556		1.L 2508 6.2	2.L 637 3.7	3.L	97	Fp [+2]	FRW 117 96%	110
Wille .	10/ 426617	DE000813516428		1013 7655 4.34	332 3.58	274 HD 9101	112	Kp 111 99%	Km 99 99%	105
							105	VIW 111 99%		(97)
81	Wolfsblut	10/ 865530	DE000951483357	gGZW 124 90%	MW 114 97%	P 107 96%	99	FIT 115 88%	N 113 75%	107 105
3		2016		+201	+0.30	+33	96%	EGW 115 93%	ZZ 116 93%	95
Walfried	10/ 605904	AT000520368918		1.L 243 3.3	2.L 3.L		95	Fp [+1]	FRW 104 77%	102
Zauber .	10/ 170014	DE000940777732		115 2667 4.42	118 3.38	90 HD 8694	102	Kp 105 98%	Km 110 91%	107
							99	VIW 107 93%		(99)
82	Vardy	10/ 180639	DE000950644909	gGZW 124 90%	MW 113 97%	P 87 95%	112	FIT 111 89%	N 102 78%	84 111
3		2015		+328	+0.08	+20	94%	EGW 103 92%	ZZ 101 93%	109
Valeur .	10/ 193443	DE000947698886		1.L 168 8	2.L 68 4.2	3.L	116	Fp [±0]	FRW 120 80%	100
Vogt .	10/ 605902	AT000876316117		104 7079 4.26	302 3.53	250 HD 8045	108	Kp 102 96%	Km 102 89%	106
							107	VIW 106 86%		(104)
89	Herzpochen	10/ 190800	DE000951854398	gGZW 123 88%	MW 115 93%	P 106 90%	120	FIT 99 89%	N 103 79%	40 105
3		2017		+560	+0.08	+30	99%	EGW 98 89%	ZZ 99 87%	119
Herzschl	10/ 606101	AT000303304428		1.L 52 2.1	2.L 3.L		127	Fp [+1]	FRW 92 81%	99
Vanadin	10/ 179356	DE000941035849		7 2708 4.14	112 3.27	89 HD 9062	112	Kp 111 99%	Km 113 94%	126
							113	VIW 104 98%		(104)
117	Hugoboss	10/ 606193	AT000629905428	gGZW 120 98%	MW 120 99%	P 105 99%	96	FIT 102 97%	N 105 93%	661 96
3		2015		+1127	-0.10	+38	99%	EGW 101 98%	ZZ 102 99%	94
Hutera .	10/ 170160	DE000941688886		1.L 1959 7.2	2.L 681 4	3.L 1 2	87	Fp [+2]	FRW 100 95%	121
Wille .	10/ 426617	DE000813516428		1116 7847 4.18	328 3.37	264 HD 8721	102	Kp 101 99%	Km 97 98%	107
							97	VIW 98 98%		(105)
119	Missouri	10/ 857429	DE000951945592	gGZW 120 87%	MW 118 94%	P 96 92%	111	FIT 99 86%	N 107 75%	40 104
3		2016		+1136	-0.23	+27	94%	EGW 111 89%	ZZ 111 88%	96
Mint .	10/ 851825	DE000948271424		1.L 66 3.9	2.L 3.L		113	Fp [-2]	FRW 87 75%	104
Eagle ey	10/ 851171	DE000945367504		35 2858 3.97	114 3.13	90 HD 8354	104	Kp 90 96%	Km 101 86%	114
							110	VIW 95 87%		(107)

Auswahl nachkommengeprüfter Vererber anderer Besamungsstationen - über Höchstädt verfügbar

Identitätsdaten				Gesamtzucht-	Milchleistung			Persistenz			FW	Fitness	Nutzungsdauer		Exte-	
				wert	Melkbarkeit							Zuchtleistung	paternal/maternal		rieur	
2	Hokuspokus	10/ 857432		gGZW 136 90%	MW	122	96%	P	101	94%	113	FIT 116 88%	N 109 76%		84	110
		DE000951718913			M	102	93%	Mvh	90	74%	98%	EGW 106 91%	ZZ 104 91%	MAS 106 60%		96
6		2016		+691			+0.09		+37	+0.04	+28	111	Fp [-1]	FRW 117 78%	ZYS 99 70%	115
Hurly .	10/ 177400	DE000947424346		1.L	169	3.4	2.L			3.L		117	Kp 108 99%	Km 104 90%	fFR 102 74%	125
Narr .	10/ 165982	DE000937795843		80	2833	4.22	120	3.34	95	HD	8493	103	VIW 109 94%	MIF 110 62%	(98)	
5	Whatever	10/ 427018		gGZW 134 95%	MW	116	99%	P	91	99%	128	FIT 111 94%	N 110 86%		280	106
		DE000816320104			M	120	98%	Mvh	90	85%	96%	EGW 107 97%	ZZ 105 98%	MAS 111 71%		105
27		2015		+659			-0.05		+23	-0.01	+23	123	Fp [+1]	FRW 114 89%	ZYS 107 83%	103
Wohltat	10/ 605985	AT000172718519		1.L	912	6.6	2.L	124	3.2	3.L		127	Kp 103 99%	Km 105 96%	fFR 101 87%	106
Everest	10/ 179900	DE000945582236		291	6806	4.06	276	3.51	239	HD	7644	116	VIW 95 96%	MIF 104 87%	(92)	
11	Helsinki	10/ 180866		gGZW 132 88%	MW	124	95%	P	102	93%	107	FIT 109 88%	N 110 77%		60	97
		DE000951373162			M	117	92%	Mvh	101	73%	93%	EGW 111 91%	ZZ 112 90%	MAS 103 63%		110
17		2016		+1349			-0.09		+48	-0.25	+25	105	Fp [-3]	FRW 99 78%	ZYS 106 70%	100
Herzschl	10/ 606101	AT000303304428		1.L	106	2.9	2.L			3.L		104	Kp 113 99%	Km 108 90%	fFR 106 75%	118
Watt .	10/ 851700	DE0009455875179		43	2830	4.13	117	3.12	88	HD	8333	108	VIW 107 95%	MIF 109 59%	(103)	
13	Hilfinger	10/ 427034		gGZW 131 93%	MW	125	98%	P	106	97%	116	FIT 103 91%	N 108 79%		164	115
		DE000816589529			M	97	97%	Mvh	93	79%	99%	EGW 107 94%	ZZ 106 95%	MAS 102 66%		96
27		2016		+1088			-0.09		+37	-0.03	+36	111	Fp [+1]	FRW 91 83%	ZYS 91 74%	105
Hurly .	10/ 177400	DE000947424346		1.L	485	3.5	2.L			3.L		121	Kp 105 99%	Km 105 95%	fFR 103 80%	123
Wille .	10/ 426617	DE000813516428		215	2762	4.04	112	3.34	92	HD	8427	104	VIW 105 97%	MIF 99 76%	(105)	
16	Worldcup	10/ 180838		gGZW 131 94%	MW	116	99%	P	111	98%	112	FIT 115 93%	N 105 84%		265	106
		DE000951373137			M	101	98%	Mvh	106	83%	99%	EGW 116 95%	ZZ 116 96%	MAS 111 74%		117
17 A1		2016		+1035			-0.18		+27	-0.17	+21	112	Fp [+1]	FRW 109 88%	ZYS 112 81%	106
Wertvoll	10/ 606108	AT000682079528		1.L	598	3.9	2.L	5	1.2	3.L		106	Kp 102 99%	Km 116 96%	fFR 102 87%	112
Watt .	10/ 851700	DE000945875179		349	2819	4.08	115	3.23	91	HD	9174	112	VIW 100 97%	MIF 117 84%	(106)	
20	Vlatur	10/ 427033		gGZW 130 89%	MW	124	96%	P	92	95%	102	FIT 110 87%	N 110 75%		84	111
		DE000816476213			M	104	94%	Mvh	96	73%	97%	EGW 107 92%	ZZ 104 92%	MAS 109 60%		102
27		2016		+444			+0.48		+58	+0.03	+18	100	Fp [±0]	FRW 113 77%	ZYS 108 69%	110
Vlaro .	10/ 426981	DE000815431683		1.L	194	3.5	2.L			3.L		104	Kp 111 99%	Km 98 91%	fFR 109 74%	111
Hutera .	10/ 170160	DE000941688886		88	2708	4.43	120	3.32	90	HD	8686	101	VIW 99 92%	MIF 97 66%	(101)	
37	Willhaben	10/ 606291		gGZW 127 89%	MW	119	96%	P	107	95%	94	FIT 116 87%	N 110 74%		61	104
		AT000398243329			M	108	95%	Mvh	101	73%	97%	EGW 114 92%	ZZ 114 92%	MAS 110 64%		98
A1		2016		+944			-0.23		+19	±0.00	+33	108	Fp [+1]	FRW 111 78%	ZYS 110 72%	104
Worldwid	10/ 606080	AT000109171622		1.L	162	4.6	2.L	1	1	3.L		93	Kp 106 98%	Km 107 89%	fFR 96 75%	110
Waldbran	10/ 192441	DE000940100513		132	2736	3.97	109	3.22	88	HD	8386	91	VIW 102 89%	MIF 116 68%	(104)	
42	Himmlich	10/ 180765		gGZW 127 85%	MW	110	93%	P	111	90%	114	FIT 119 84%	N 128 72%		33	99
		DE000950718412			M	100	89%	Mvh	95	66%	94%	EGW 113 87%	ZZ 111 86%	MAS 111 55%		121
6		2015		+464			-0.12		+9	+0.03	+19	104	Fp [+3]	FRW 105 72%	ZYS 105 65%	111
Himeros	10/ 170431	DE000942690610		1.L	60	4	2.L			3.L		117	Kp 97 97%	Km 94 84%	fFR 109 68%	125
Rave .	10/ 605761	AT000400484214		34	2773	4.29	119	3.41	95	HD	8942	106	VIW 104 88%	MIF 107 47%	(104)	
44	Hermelin	10/ 857697		gGZW 126 88%	MW	128	93%	P	92	90%	110	FIT 95 89%	N 110 80%		43	105
		DE000951697464			M	118	92%	Mvh	108	70%	99%	EGW 111 90%	ZZ 111 88%	MAS 107 73%		101
17 2 A1		2016		+1004			+0.10		+51	-0.04	+32	110	Fp [+1]	FRW 78 82%	ZYS 95 76%	102
Herzschl	10/ 606101	AT000303304428		1.L	63	1.9	2.L			3.L		106	Kp 101 99%	Km 100 96%	fFR 95 78%	120
Rave .	10/ 605761	AT000400484214		7	3224	4.12	133	3.13	101	HD	9643	107	VIW 99 99%	MIF 108 47%	(103)	
48	Mares	10/ 171980		gGZW 126 87%	MW	124	95%	P	89	92%	102	FIT 105 86%	N 110 75%		48	108
		DE000951253103			M	103	91%	Mvh	104	72%	89%	EGW 110 90%	ZZ 109 89%	MAS 112 62%		103
9		2015		+1175			-0.20		+31	-0.04	+38	106	Fp [±0]	FRW 96 77%	ZYS 105 70%	106
Manor .	10/ 426970	DE000815291917		1.L	70	7.2	2.L	2	2	3.L		93	Kp 98 94%	Km 111 85%	fFR 103 72%	109
Everest	10/ 179900	DE000945582236		23	7580	4.31	326	3.52	267	HD	8623	108	VIW 103 80%	MIF 102 52%	(107)	
78	Pirlo	10/ 606716		gGZW 124 86%	MW	117	95%	P	107	93%	104	FIT 109 85%	N 112 75%		75	107
		CZ000928421061			M	111	86%	Mvh	100	63%	88%	EGW 107 90%	ZZ 104 89%	MAS 109 56%		95
C5 10		2016		+730			+0.03		+33	-0.09	+18	105	Fp [+2]	FRW 100 74%	ZYS 111 67%	108
Pandora	10/ 605849	AT000597742517		1.L	90	7.7	2.L	11	2	3.L		99	Kp 95 95%	Km 103 82%	fFR 101 66%	114
Ruap .	10/ 191085	DE000918105400		53	6991	4.07	285	3.44	241	HD	7665	105	VIW 106 82%	MIF 110 33%	(106)	

Auswahl Genomischer Jungvererber der Besamungsstation Höchstädt

Identitätsdaten				Gesamtzucht- wert	Milchleistung Melkbarkeit	Persistenz	FW	Fitness Zuchtleistung	Nutzungsdauer paternal/maternal	Exte- rieur	
2	Hashtag	10/ 874000	DE000954210676	gGZW 143 74%	MW 134 84%	P 104 76%	120	FIT 109 78% N 117 67%		107	
3			2019		M 116 81%	Mvh 102 57%	76%	EGW 104 79% ZZ 104 74%	MAS 99 52%	96	
Hayabusa	10/ 173409	DE000951821433		+1432	-0.07	+53	-0.09	+42	Fp [+2]	FRW 97 66%	115
Mandrin	10/ 606089	AT000650446817					3.L		Kp 104 94% Km 108 75%	fFR 105 61%	115
							HD		VIW 104 78%	MIF	(103)
25	Zeiger	10/ 854444	DE000954382886	gGZW 139 78%	MW 124 85%	P 112 78%	116	FIT 121 81% N 115 70%		99	
3			2018		M 100 84%	Mvh 102 60%	80%	EGW 126 81% ZZ 128 77%	MAS 110 55%	99	
Zazu	10/ 180888	AT000265588938		+1007	±0.00	+42	-0.09	+28	Fp [+2]	FRW 111 71%	102
Herzschl	10/ 606101	AT000303304428					3.L		Kp 92 98% Km 109 83%	fFR 106 65%	114
							HD		VIW 91 90%	MIF 111 30%	(103)
45	Wossi	10/ 881050	DE000955518055	gGZW 137 72%	MW 127 81%	P 98 72%	111	FIT 118 77% N 115 66%		105	
3			2019		M 105 79%	Mvh 103 55%	74%	EGW 110 78% ZZ 109 72%	MAS 109 51%	98	
Woiwode	10/ 606445	AT000934843838		+1142	-0.08	+40	-0.05	+36	Fp	FRW 118 65%	107
Herzschl	10/ 606101	AT000303304428					3.L		Kp 111 79% Km 101 72%	fFR 112 59%	108
							HD		VIW 102 70%	MIF	(102)
52	Egoist	10/ 174183	DE000955328420	gGZW 137 72%	MW 124 81%	P 96 72%	111	FIT 122 77% N 122 66%		113	
3			2020		M 97 79%	Mvh 104 55%	72%	EGW 121 77% ZZ 114 72%	MAS 119 50%	102	
Edelstei	10/ 858110	DE000953147492		+575	+0.18	+39	+0.11	+29	Fp	FRW 111 65%	108
Herzschl	10/ 606101	AT000303304428					3.L		Kp 103 78% Km 100 72%	ZYS 108 58%	134
							HD		VIW 108 69%	fFR 99 59%	(107)
67	Weidwerk	10/ 854700	DE000954535217	gGZW 136 72%	MW 119 81%	P 112 73%	108	FIT 127 76% N 122 65%		95	
3			2019		M 110 79%	Mvh 99 53%	73%	EGW 109 77% ZZ 107 72%	MAS 107 48%	99	
Weitblic	10/ 860110	DE000945642290		+1101	-0.27	+22	-0.10	+30	Fp	FRW 120 64%	105
Hurly	10/ 177400	DE000947424346					3.L		Kp 111 80% Km 110 72%	fFR 111 58%	123
							HD		VIW 111 71%	MIF	(101)
158	Montreal	10/ 854634	DE000955035061	gGZW 131 72%	MW 119 83%	P 104 74%	106	FIT 120 76% N 122 64%		97	
3			2019		M 105 80%	Mvh 105 53%	71%	EGW 116 78% ZZ 111 73%	MAS 121 47%	104	
Melbourn	10/ 606338	AT000294522138		+927	-0.18	+23	-0.04	+29	Fp	FRW 104 63%	103
Raldi	10/ 198645	DE000944108728					3.L		Kp 111 87% Km 112 70%	fFR 105 57%	115
							HD		VIW 108 69%	MIF	(103)
164	Stahl	10/ 881196	DE000955518081	gGZW 130 71%	MW 127 81%	P 101 72%	112	FIT 106 76% N 105 65%		102	
3			2020		M 113 79%	Mvh 102 54%	72%	EGW 105 77% ZZ 105 72%	MAS 104 49%	95	
Stern	10/ 862485	DE000953343488		+796	+0.12	+44	+0.05	+33	Fp	FRW 106 64%	111
Herzschl	10/ 606101	AT000303304428					3.L		Kp 108 78% Km 102 70%	fFR 104 58%	109
							HD		VIW 96 69%	MIF	(106)
168	Harburg	10/ 854744	DE000955063403	gGZW 130 76%	MW 126 85%	P 97 77%	104	FIT 108 80% N 109 70%		117	
3			2019		M 100 82%	Mvh 98 61%	74%	EGW 108 81% ZZ 103 77%	MAS 115 56%	109	
Hurly	10/ 177400	DE000947424346		+1259	-0.20	+34	-0.08	+37	Fp	FRW 96 69%	101
Wertvoll	10/ 606108	AT000682079528					3.L		Kp 96 78% Km 113 73%	fFR 101 64%	120
							HD		VIW 116 69%	MIF 113 34%	(100)
187	Himmel	10/ 854743	DE000955063399	gGZW 129 76%	MW 125 85%	P 95 77%	98	FIT 110 80% N 113 70%		117	
3			2019		M 98 82%	Mvh 99 61%	74%	EGW 114 81% ZZ 111 77%	MAS 112 56%	100	
Hurly	10/ 177400	DE000947424346		+1261	-0.20	+34	-0.08	+37	Fp	FRW 97 70%	107
Wertvoll	10/ 606108	AT000682079528					3.L		Kp 101 78% Km 112 73%	fFR 99 64%	135
							HD		VIW 107 69%	MIF 113 34%	(107)

Auswahl genomischer Jungvererber anderer Besamungsstationen - über Höchstädt verfügbar

Identitätsdaten				Gesamtzucht- wert	Milchleistung Melkbarkeit			Persistenz	FW	Fitness Zuchtleistung	Nutzungsdauer paternal/maternal	Exte- rieur
4	Wilko	10/ 606708	gGZW 142 71%	MW	128	81%	P 111	72%	107	FIT 127 76% N 118 66%		107
		AT000857214169		M	114	79%	Mvh 94	54%	71%	EGW 113 77% ZZ 113 71%	MAS 110 51%	101
A3 6 A5 A8		2020	+1384	-0.23	+37	-0.09	+41		99	Fp FRW 122 64%	ZYS 108 58%	103
Woiwode	10/ 606445	AT000934843838	1.L	2.L	3.L				106	Kp 97 78% Km 110 71%	fFR 112 58%	108
Waban .	10/ 605991	AT000806062819					HD		109	VIW 108 69%	MIF	(105)
7	Hoeri	10/ 606706	gGZW 141 72%	MW	131	83%	P 101	75%	108	FIT 122 76% N 117 64%		103
		AT000196383369		M	97	80%	Mvh 91	54%	71%	EGW 108 78% ZZ 102 74%	MAS 113 47%	92
10		2019	+856	+0.23	+56	+0.04	+34		99	Fp FRW 120 63%	ZYS 100 56%	116
Hokuspok	10/ 857432	DE000951718913	1.L	2.L	3.L				109	Kp 118 79% Km 105 70%	fFR 110 57%	121
Ruksi .	10/ 170650	DE000944605436					HD		107	VIW 115 66%	MIF	(99)
8	Hiroto	10/ 427118	gGZW 141 73%	MW	131	83%	P 95	75%	104	FIT 119 77% N 121 66%		100
		DE000817545695		M	122	81%	Mvh 97	55%	73%	EGW 112 79% ZZ 112 74%	MAS 106 51%	95
27		2020	+1257	+0.02	+54	-0.09	+36		103	Fp FRW 110 65%	ZYS 107 58%	111
Hermelin	10/ 857697	DE000951697464	1.L	2.L	3.L				104	Kp 97 80% Km 103 73%	fFR 105 60%	126
Miami .	10/ 427019	DE000950912120					HD		103	VIW 115 70%	MIF	(104)
13	Woward	10/ 606707	gGZW 140 72%	MW	130	81%	P 113	72%	87	FIT 131 76% N 122 66%		111
		AT000824640769		M	100	80%	Mvh 104	55%	72%	EGW 128 78% ZZ 124 72%	MAS 123 50%	100
A1 2 17		2020	+943	+0.11	+49	+0.05	+38		96	Fp FRW 115 64%	ZYS 114 58%	107
Wodonga	10/ 190912	DE000952060524	1.L	2.L	3.L				88	Kp 111 79% Km 111 71%	fFR 114 59%	119
Raldi .	10/ 198645	DE000944108728					HD		90	VIW 107 69%	MIF	(102)
17	Hypnose	10/ 863030	gGZW 139 71%	MW	132	81%	P 96	71%	96	FIT 120 75% N 126 64%		106
		DE000955481716		M	113	78%	Mvh 97	53%	71%	EGW 121 76% ZZ 117 71%	MAS 116 47%	88
6 A5		2020	+1392	-0.14	+45	-0.06	+44		96	Fp FRW 104 63%	ZYS 104 56%	116
Happyday	10/ 854087	DE000953196908	1.L	2.L	3.L				102	Kp 107 79% Km 98 69%	fFR 102 57%	121
Mandrin	10/ 606089	AT000650446817					HD		93	VIW 109 67%	MIF	(108)
18	Warlock	10/ 854751	gGZW 139 72%	MW	128	81%	P 114	73%	100	FIT 120 77% N 124 66%		97
		DE000955256080		M	118	80%	Mvh 102	56%	74%	EGW 115 78% ZZ 119 73%	MAS 101 52%	101
C1 17		2019	+1094	-0.09	+38	+0.03	+41		102	Fp FRW 98 66%	ZYS 100 59%	115
Weissens	10/ 606416	AT000364261168	1.L	2.L	3.L				98	Kp 114 79% Km 105 73%	fFR 99 60%	116
Hugoboss	10/ 606193	AT000629905428					HD		102	VIW 115 71%	MIF	(100)
20	Mazze	10/ 866084	gGZW 139 71%	MW	126	81%	P 109	71%	112	FIT 121 76% N 112 66%		113
		DE000955294299		M	110	79%	Mvh 102	54%	71%	EGW 115 77% ZZ 115 71%	MAS 107 49%	105
10 16		2020	+1073	-0.08	+37	-0.04	+35		111	Fp FRW 115 64%	ZYS 107 58%	110
Manaus .	10/ 854279	DE000667162219	1.L	2.L	3.L				109	Kp 96 78% Km 105 72%	fFR 104 58%	110
Erbhof .	10/ 166911	DE000946037175					HD		108	VIW 108 69%	MIF	(99)
33	Vredo	10/ 866078	gGZW 138 71%	MW	126	81%	P 99	72%	104	FIT 121 76% N 122 65%		107
		DE000955109944		M	111	79%	Mvh 94	54%	69%	EGW 121 77% ZZ 119 72%	MAS 116 48%	97
6 27 A3 A8		2020	+1088	-0.09	+37	-0.03	+36		112	Fp FRW 106 63%	ZYS 99 56%	107
Vabi .	10/ 854301	DE000953268330	1.L	2.L	3.L				101	Kp 95 77% Km 109 69%	fFR 106 57%	120
Wikinger	10/ 605986	AT000430669419					HD		100	VIW 107 66%	MIF	(104)
38	Menop	10/ 866083	gGZW 137 72%	MW	133	81%	P 99	73%	115	FIT 103 77% N 110 66%		110
		DE000955095573		M	122	80%	Mvh 105	55%	71%	EGW 104 78% ZZ 102 72%	MAS 104 51%	100
10 16		2020	+1639	-0.17	+52	-0.17	+42		113	Fp FRW 95 65%	ZYS 99 58%	116
Manaus .	10/ 854279	DE000667162219	1.L	2.L	3.L				113	Kp 102 78% Km 105 72%	fFR 97 59%	115
Remmel .	10/ 193310	DE000946581932					HD		108	VIW 100 70%	MIF	(102)
39	Manjana	10/ 606728	gGZW 137 72%	MW	132	81%	P 115	72%	100	FIT 116 77% N 109 66%		106
		AT000132405974		M	105	80%	Mvh 96	55%	72%	EGW 116 78% ZZ 116 72%	MAS 112 51%	106
A3 6		2020	+1355	-0.03	+54	-0.11	+38		98	Fp FRW 103 65%	ZYS 102 59%	114
Manaus .	10/ 854279	DE000667162219	1.L	2.L	3.L				102	Kp 106 80% Km 105 73%	fFR 105 59%	111
Haribo .	10/ 859030	DE000948636664					HD		100	VIW 109 70%	MIF	(103)
43	Mister x	10/ 854915	gGZW 137 73%	MW	128	82%	P 102	74%	111	FIT 115 78% N 112 66%		103
		DE000956066814		M	110	81%	Mvh 96	56%	70%	EGW 105 78% ZZ 106 73%	MAS 98 52%	97
17 2		2020	+905	+0.16	+52	-0.04	+29		109	Fp FRW 113 66%	ZYS 108 59%	112
Manaus .	10/ 854279	DE000667162219	1.L	2.L	3.L				105	Kp 99 80% Km 109 73%	fFR 110 60%	113
Herzschl	10/ 606101	AT000303304428					HD		110	VIW 108 71%	MIF	(105)

Identitätsdaten				Gesamtzucht- wert	Milchleistung Melkbarkeit	Persistenz	FW	Fitness Zuchtleistung	Nutzungsdauer paternal/maternal	Exte- rieur
62	Wilfried	10/ 173955	DE000954390468	gGZW 136 70%	MW 125 81% M 123 78%	P 101 71% Mvh 103 52%	105 67%	FIT 118 74% N 117 63% EGW 109 76% ZZ 106 71%	MAS 107 45% ZYS 100 55% fFR 108 56% MIF	107 102 110 116 (102)
10		2019	2019	+801	+0.08	+41		Fp	FRW 111 62%	
Walbert	10/ 173447	DE000952975407	1.L	2.L	3.L		105	Kp 115 77% Km 109 67%		
Hainau .	10/ 175825	DE000948660041			HD		100	VIW 108 63%		
103	Weltwunder	10/ 881195	DE000955214674	gGZW 133 71%	MW 130 81% M 109 78%	P 97 72% Mvh 106 52%	112 70%	FIT 104 75% N 106 64% EGW 110 76% ZZ 111 71%	MAS 106 47% ZYS 99 56% fFR 95 57% MIF	112 103 105 111 (102)
6 27		2020	2020	+1513	-0.26	+38		Fp	FRW 96 63%	
Weltmach	10/ 190999	DE000953104350	1.L	2.L	3.L		105	Kp 99 78% Km 102 70%		
Siwil .	10/ 426984	DE000948834359			HD		107	VIW 104 68%		
109	Hidalgo	10/ 866043	DE000954389888	gGZW 133 75%	MW 127 85% M 104 83%	P 105 77% Mvh 98 60%	110 73%	FIT 108 79% N 111 67% EGW 108 81% ZZ 105 77%	MAS 111 52% ZYS 94 60% fFR 104 62% MIF 99 30%	109 93 107 112 (104)
16 10		2019	2019	+985	+0.01	+42		Fp	FRW 96 67%	
Hilfinge	10/ 427034	DE000816589529	1.L	2.L	3.L		108	Kp 101 80% Km 106 74%		
Manuap .	10/ 162910	DE000974585475			HD		104	VIW 106 70%		
128	Holy	10/ 862916	DE000954609323	gGZW 132 74%	MW 124 84% M 100 82%	P 108 76% Mvh 90 57%	105 73%	FIT 114 77% N 112 66% EGW 113 79% ZZ 114 75%	MAS 101 49% ZYS 93 58% fFR 93 60% MIF	101 91 111 122 (102)
6 27 A3 A5		2019	2019	+959	-0.06	+34		Fp	FRW 98 65%	
Hokuspok	10/ 857432	DE000951718913	1.L	2.L	3.L		103	Kp 110 80% Km 108 72%		
Monument	10/ 171790	DE000949729097			HD		100	VIW 116 69%		
150	Wallstreet	10/ 854769	DE000955552020	gGZW 131 72%	MW 122 81% M 101 80%	P 104 73% Mvh 93 55%	105 74%	FIT 117 77% N 119 66% EGW 118 78% ZZ 115 73%	MAS 114 51% ZYS 98 58% fFR 100 59% MIF	109 105 111 122 (102)
9 C7		2019	2019	+847	-0.06	+30		Fp	FRW 103 65%	
Weissens	10/ 606416	AT000364261168	1.L	2.L	3.L		103	Kp 98 79% Km 107 73%		
Vernando	10/ 857006	DE000950457264			HD		103	VIW 103 70%		
166	Landadel	10/ 860660	DE000955071450	gGZW 130 71%	MW 127 81% M 105 80%	P 101 73% Mvh 98 53%	97 73%	FIT 112 76% N 111 65% EGW 115 77% ZZ 116 72%	MAS 109 46% ZYS 99 56% fFR 97 57% MIF	111 102 111 105 (100)
9 C7		2019	2019	+1119	-0.14	+34		Fp	FRW 99 63%	
Lichtbli	10/ 868090	DE000952509087	1.L	2.L	3.L		95	Kp 101 77% Km 111 69%		
Mint .	10/ 851825	DE000948271424			HD		96	VIW 109 67%		

Natürlich hornlose Bullen - Höchstädt:

NACHKOMMENGEPÜRFT

99	Matata Pp*	10/ 862260	DE000952392717	gGZW 122 85%	MW 118 93% M 113 90%	P 107 89% Mvh 105 69%	94 95%	FIT 111 85% N 108 73% EGW 114 88% ZZ 113 86%	MAS 107 60% ZYS 99 67% fFR 101 69% MIF 102 42%	30 113 104 109 113 (101)
3		2016	2016	+593	+0.17	+39		Fp [+1]	FRW 99 73%	
Mahango	10/ 173075	DE000948097266	1.L	57 2.1	2.L	3.L		Kp 107 98% Km 108 86%		
Manigo .	10/ 162572	DE000943304203	9	2918 4.06	118	3.17	93	HD	8966	
108	Vollgas P*S	10/ 200000	DE000945624775	gGZW 121 98%	MW 116 99% M 114 99%	P 96 99% Mvh 98 89%	112 99%	FIT 102 98% N 100 95% EGW 108 98% ZZ 109 99%	MAS 102 83% ZYS 89 94% fFR 96 96% MIF 94 97%	382 98 89 117 108 (94)
3		2014	2014	+656	-0.03	+25		Fp [+2]	FRW 95 97%	
Valero .	10/ 850185	DE000941364903	1.L	2273 7.9	2.L	1272 7	3.L	360 4.8		
Ermut .	10/ 165989	DE000934399962	1559	7455 4.19	312	3.49	260	HD	8330	
133	Maffay Pp*	10/ 180876	DE000951371199	gGZW 118 84%	MW 117 92% M 119 88%	P 97 89% Mvh 107 67%	111 94%	FIT 96 84% N 103 72% EGW 93 87% ZZ 91 85%	MAS 98 57% ZYS 91 65% fFR 104 67% MIF 105 44%	36 111 114 102 107 (100)
3		2016	2016	+813	-0.08	+27		Fp [+2]	FRW 90 72%	
Mahango	10/ 173075	DE000948097266	1.L	57 2.7	2.L	3.L		Kp 106 98% Km 109 84%		
Williams	10/ 180078	DE000946627008	24	2770 4.01	111	3.21	89	HD	8268	
								VIW 108 90%		

Natürlich hornlose Bullen - Höchstädt:

GENOMISCHE JUNGVERERBER

Identitätsdaten				Gesamtzucht- wert	Milchleistung Melkbarkeit	Persistenz	FW	Fitness Zuchtleistung	Nutzungsdauer paternal/maternal	Exte- rieur
119	Honza PP*	10/ 871280	gGZW 133 72%	MW 122 82%	P 103 74%	112	FIT 113 76%	N 113 64%		109
		DE000954941442		M 114 80%	Mvh 102 54%	73%	EGW 103 78%	ZZ 99 73%	MAS 111 47%	98
3		2019	+1035	-0.13	+32	-0.07	+30			99
Hongkong	10/ 180946	DE000951989441	1.L	2.L	3.L			Fp	FRW 105 63%	106
Mahango	10/ 173075	DE000948097266				HD		Kp 116 88%	Km 109 71%	(98)
								VIW 116 71%		
154	Volksheld PP*	10/ 869153	gGZW 131 75%	MW 121 85%	P 92 77%	111	FIT 113 80%	N 115 69%		105
		DE000955116352		M 108 82%	Mvh 97 59%	73%	EGW 106 81%	ZZ 106 77%	MAS 107 52%	99
3		2020	+1207	-0.22	+30	-0.14	+30			113
Vollgas	10/ 200000	DE000945624775	1.L	2.L	3.L			Fp	FRW 109 69%	102
Manolo	10/ 856830	DE000948496774				HD		Kp 114 79%	Km 104 73%	(104)
								VIW 109 69%		
1545	Maya PP*	10/ 874420	gGZW 129 72%	MW 120 81%	P 88 72%	104	FIT 115 77%	N 116 66%		109
		DE000955569347		M 106 80%	Mvh 103 55%	74%	EGW 110 78%	ZZ 114 72%	MAS 97 50%	94
3		2020	+795	±0.00	+33	-0.04	+25			109
Majestae	10/ 862413	DE000952396899	1.L	2.L	3.L			Fp	FRW 107 65%	111
Vollgas	10/ 200000	DE000945624775				HD		Kp 115 79%	Km 112 73%	(97)
								VIW 115 70%		
214	Mexico PP*	10/ 871365	gGZW 127 70%	MW 119 80%	P 97 71%	106	FIT 111 74%	N 114 62%		99
		DE000955601939		M 116 77%	Mvh 101 51%	68%	EGW 98 75%	ZZ 99 70%	MAS 97 44%	107
3		2020	+1433	-0.39	+23	-0.22	+30			107
Munter	10/ 177781	DE000952748754	1.L	2.L	3.L			Fp	FRW 106 61%	104
Maximum	10/ 180666	DE000950644953				HD		Kp 115 78%	Km 108 68%	(103)
								VIW 115 67%		
224	Habbes P*S	10/ 881150	gGZW 126 73%	MW 119 83%	P 95 75%	109	FIT 109 78%	N 117 66%		110
		DE000955520038		M 107 80%	Mvh 107 55%	74%	EGW 119 79%	ZZ 119 74%	MAS 110 51%	100
3		2019	+707	+0.02	+31	-0.03	+23			106
Hermelin	10/ 857697	DE000951697464	1.L	2.L	3.L			Fp	FRW 92 66%	127
Imperati	10/ 193800	DE000951041694				HD		Kp 102 78%	Km 104 73%	(105)
								VIW 100 69%		

Natürlich hornlose Bullen – andere Stationen – über Höchstädt verfügbar

GENOMISCHE JUNGVERERBER

3	Hamlet Pp*	10/ 606621	gGZW 142 74%	MW 129 84%	P 104 76%	116	FIT 117 79%	N 123 67%		103
		AT000147665169		M 115 82%	Mvh 100 56%	74%	EGW 112 80%	ZZ 114 75%	MAS 105 53%	102
A3 6		2019	+1318	-0.09	+46	-0.10	+38			109
Hermelin	10/ 857697	DE000951697464	1.L	2.L	3.L			Fp [+1]	FRW 105 67%	110
Mahango	10/ 173075	DE000948097266				HD		Kp 102 89%	Km 108 74%	(103)
								VIW 102 73%		
11	Mcfly Pp*	10/ 858719	gGZW 140 75%	MW 134 85%	P 100 77%	107	FIT 114 79%	N 113 67%		106
		DE000954507053		M 102 83%	Mvh 105 59%	75%	EGW 116 81%	ZZ 118 77%	MAS 108 53%	105
6		2019	+1468	-0.16	+46	-0.04	+48			98
Mcdrive	10/ 606256	AT000499987829	1.L	2.L	3.L			Fp [+2]	FRW 104 68%	108
Siwil	10/ 426984	DE000948834359				HD		Kp 111 88%	Km 107 73%	(99)
								VIW 105 71%		
15	Immunity P*S	10/ 881149	gGZW 139 73%	MW 135 84%	P 99 76%	109	FIT 110 77%	N 112 66%		105
		DE000955365558		M 98 80%	Mvh 99 56%	72%	EGW 113 79%	ZZ 113 75%	MAS 110 48%	102
10 16		2020	+900	+0.28	+62	+0.10	+40			98
Irrgut	10/ 190509	DE000950075810	1.L	2.L	3.L			Fp	FRW 98 65%	106
Wobbler	10/ 851361	DE000946673832				HD		Kp 99 77%	Km 112 71%	(108)
								VIW 106 67%		
34	Majestix P*S	10/ 874306	gGZW 138 71%	MW 122 81%	P 100 71%	115	FIT 126 76%	N 125 65%		107
		DE000954893149		M 95 78%	Mvh 100 53%	72%	EGW 119 77%	ZZ 123 71%	MAS 99 49%	116
10 16		2019	+1076	-0.13	+33	-0.11	+28			114
Majestae	10/ 862413	DE000952396899	1.L	2.L	3.L			Fp	FRW 115 64%	117
Manolo	10/ 856830	DE000948496774				HD		Kp 112 77%	Km 104 72%	(103)
								VIW 109 69%		
35	Malboss Pp*	10/ 167833	gGZW 138 72%	MW 122 81%	P 105 73%	105	FIT 130 77%	N 125 66%		108
		DE000954315012		M 101 79%	Mvh 102 54%	74%	EGW 123 77%	ZZ 121 72%	MAS 117 50%	96
9 C7		2019	+794	-0.05	+29	+0.05	+33			109
Malaga	10/ 427060	DE000816809429	1.L	2.L	3.L			Fp	FRW 123 65%	114
Hugoboss	10/ 606193	AT000629905428				HD		Kp 112 78%	Km 113 73%	(100)
								VIW 94 70%		

Identitätsdaten				Gesamtzucht- wert	Milchleistung Melkbarkeit	Persistenz	FW	Fitness Zuchtleistung	Nutzungsdauer paternal/maternal	Exte- rieur
46	Iq P*S	10/ 881194	DE000955847392	gGZW 137 75%	MW 126 85% M 111 82%	P 101 77% Mvh 98 57%	117 73%	FIT 111 78% N 118 67% EGW 112 80% ZZ 109 76%	MAS 110 49% ZYS 103 60% fFR 101 61% MIF 109 30%	111 116 104 121 (105)
6 27 A3		2020		+1191	-0.15 +36	-0.07 +36	122	Fp FRW 99 67%		
Irregut	10/ 190509	DE000950075810		1.L	2.L	3.L	115	Kp 102 78% Km 104 73%		
Haribo	10/ 859030	DE000948636664				HD	105	VIW 101 69%		
76	Mattes Pp*	10/ 860917	DE000955670597	gGZW 135 72%	MW 124 81% M 104 80%	P 102 73% Mvh 104 55%	104 73%	FIT 120 77% N 119 66% EGW 116 78% ZZ 115 73%	MAS 108 51% ZYS 100 59% fFR 110 60% MIF	110 96 114 115 (98)
7		2020		+1016	-0.02 +40	-0.08 +29	104	Fp FRW 111 66%		
Majestae	10/ 862413	DE000952396899		1.L	2.L	3.L	103	Kp 102 78% Km 111 73%		
Hugoboss	10/ 606193	AT000629905428				HD	103	VIW 104 70%		
115	Memory PP*	10/ 174081	DE000955365548	gGZW 133 71%	MW 124 81% M 115 78%	P 102 71% Mvh 100 52%	111 72%	FIT 111 76% N 120 65% EGW 103 77% ZZ 108 71%	MAS 89 48% ZYS 100 56% fFR 104 57% MIF	111 107 107 110 (107)
6		2019		+1209	-0.13 +38	-0.13 +31	113	Fp FRW 102 63%		
Majestae	10/ 862413	DE000952396899		1.L	2.L	3.L	108	Kp 114 78% Km 107 71%		
Manolo	10/ 856830	DE000948496774				HD	107	VIW 101 68%		
127	Maknetisch Pp*	10/ 858907	DE000955214554	gGZW 132 74%	MW 125 83% M 99 81%	P 96 74% Mvh 104 58%	104 75%	FIT 115 78% N 121 68% EGW 110 79% ZZ 109 74%	MAS 105 54% ZYS 103 61% fFR 105 61% MIF	109 103 103 117 (105)
9 C7		2019		+1307	-0.28 +28	-0.06 +41	96	Fp FRW 108 67%		
Malaga	10/ 427060	DE000816809429		1.L	2.L	3.L	111	Kp 104 80% Km 112 74%		
Watt	10/ 851700	DE000945875179				HD	100	VIW 98 72%		
131	Housten Pp*	10/ 854576	DE000954507078	gGZW 132 72%	MW 123 83% M 118 80%	P 100 74% Mvh 104 54%	104 71%	FIT 117 77% N 118 65% EGW 101 78% ZZ 99 73%	MAS 105 47% ZYS 105 56% fFR 108 58% MIF	109 105 101 108 (103)
10		2019		+996	±0.00 +42	-0.13 +24	109	Fp [-1] FRW 119 64%		
Harlande	10/ 180921	DE000951989427		1.L	2.L	3.L	101	Kp 111 92% Km 99 72%		
Zapatero	10/ 175755	DE000947645522				HD	102	VIW 107 73%		
140	Mad rock P*S	10/ 174163	DE000955330500	gGZW 132 71%	MW 119 81% M 100 79%	P 111 72% Mvh 94 53%	100 69%	FIT 124 76% N 121 65% EGW 121 77% ZZ 121 72%	MAS 108 47% ZYS 99 56% fFR 106 57% MIF	109 103 111 122 (101)
10 16		2020		+1059	-0.18 +28	-0.13 +26	104	Fp FRW 111 63%		
Masasi	10/ 177771	DE000952929945		1.L	2.L	3.L	102	Kp 105 79% Km 105 70%		
Walot	10/ 605916	AT000461672318				HD	97	VIW 104 69%		
143	Zitrus Pp*	10/ 174004	DE000954963783	gGZW 131 71%	MW 126 81% M 111 80%	P 93 73% Mvh 102 55%	107 71%	FIT 108 76% N 114 65% EGW 98 77% ZZ 95 72%	MAS 102 49% ZYS 101 57% fFR 114 58% MIF	101 98 105 108 (102)
6 27 A3 A5		2019		+991	-0.01 +40	-0.01 +35	108	Fp FRW 105 64%		
Zeus	10/ 859980	DE000952112229		1.L	2.L	3.L	106	Kp 105 78% Km 106 69%		
Evergree	10/ 186746	DE000948470307				HD	104	VIW 110 67%		
174	Haka PP*	10/ 863020	DE000955990748	gGZW 130 71%	MW 123 82% M 102 80%	P 106 73% Mvh 93 52%	98 71%	FIT 118 76% N 117 64% EGW 108 77% ZZ 109 72%	MAS 99 46% ZYS 107 55% fFR 109 57% MIF	103 102 99 109 (105)
6 A5		2020		+978	-0.07 +34	-0.04 +31	99	Fp FRW 110 63%		
Hatrick	10/ 854183	DE000952679351		1.L	2.L	3.L	98	Kp 108 79% Km 100 71%		
Mahango	10/ 173075	DE000948097266				HD	98	VIW 116 69%		
175	Hex hex Pp*	10/ 866045	DE000954725619	gGZW 130 74%	MW 122 84% M 97 80%	P 93 76% Mvh 101 56%	113 73%	FIT 110 77% N 111 65% EGW 107 79% ZZ 105 75%	MAS 106 48% ZYS 94 57% fFR 102 59% MIF	103 107 112 114 (99)
10 16		2019		+763	+0.04 +35	+0.01 +28	113	Fp [+2] FRW 104 65%		
Hokuspok	10/ 857432	DE000951718913		1.L	2.L	3.L	108	Kp 114 94% Km 109 73%		
Mahango	10/ 173075	DE000948097266				HD	109	VIW 112 76%		
188	Holledau P*S	10/ 874333	DE000954893176	gGZW 129 71%	MW 124 81% M 109 78%	P 104 72% Mvh 100 52%	95 70%	FIT 117 75% N 116 64% EGW 109 77% ZZ 107 72%	MAS 104 45% ZYS 107 55% fFR 106 56% MIF	105 100 115 122 (108)
10 16		2019		+1195	-0.15 +36	-0.13 +31	94	Fp FRW 109 62%		
Hatrick	10/ 854183	DE000952679351		1.L	2.L	3.L	98	Kp 110 78% Km 107 70%		
Manolo	10/ 856830	DE000948496774				HD	95	VIW 109 69%		
209	Vulpi PP*	10/ 866037	DE000954418458	gGZW 127 73%	MW 123 83% M 110 80%	P 104 74% Mvh 100 55%	98 73%	FIT 114 77% N 121 65% EGW 100 78% ZZ 98 73%	MAS 96 47% ZYS 105 57% fFR 108 58% MIF	108 100 108 117 (107)
10 16		2019		+824	+0.04 +37	-0.02 +27	96	Fp [+2] FRW 113 64%		
Verden	10/ 167473	DE000951785087		1.L	2.L	3.L	100	Kp 100 93% Km 102 72%		
Mahango	10/ 173075	DE000948097266				HD	100	VIW 95 74%		