Holstein Top Bulls — December 2018 Sire Summaries

Top 50 Ranked by Net Merit $

	NAAB	Name	NM$		Rel.
99-I	29HO017553	JOSUPER	982	G	97
	151HO0681	RUBICON	972	G	96
	203HO01468	DELTA	920	G	96
99-I	203HO01513	DANTE	917	G	93
99-I	1HO10396	CABRIOLET	895	G	99
	7HO012266	YODER	882	G	97
99-I	1HO11881	PRINCETON	870	G	94
99-I	7HO012659	PASSAT	868	G	87
99-I	151HO0744	DELCO	865	G	93
	250HO013267	DUKE	863	G	88
99-I	7HO012421	MILLINGTON	847	G	94
99-I	7HO011985	TETRIS	845	G	94
	11HO11523	HOTSHOT	840	G	93
99-I	1HO012829	PROWLER	837	G	81
	203HO01469	DEARING	836	G	94
99-I	11HO011478	LEAF	832	G	95
	151HO0698	DRACO*CD	825	G	94
	203HO01470	DION	824	G	95
	151HO0690	DENVER	822	G	94
	7HO011351	SUPERSIRE	821	G	99
	7HO012600	MODESTY	821	G	93
93-N	1HO11647	BARCLAY	821	G	84
	14HO07489	HOMER	818	G	91
99-I	11HO011499	MEGLO	808	G	94
	151HO1602	DIRECTOR *CD	806	G	91
	151HO0695	DRAMA	798	G	93
	513HO03091	DETOUR	798	G	89
99-I	11HO011440	CORNELL	796	G	93
	7HO013094	TRENTON	794	G	94
	147HO02442	PRIDE	793	G	94
99-I	7HO013253	VERTEX	791	G	87
	200HO07846	SUPERMAN	790	G	94
99-I	14HO07426	EQUINOX	790	G	87
	200HO010195	LITTLEROCK	788	G	93
	7HO013302	MEGAMAN	788	G	81
99-I	1HO11669	MAGNUS	787	G	86
99-I	14HO07418	BELAIR	786	G	94
99-I	29HO017785	COMMEND	786	G	89
	200HO010196	MANDATE	785	G	92
	513HO016	XY	779	G	85
99-I	29HO017784	COLLUDE	777	G	93
99-I	1HO11376	TABASCO	776	G	93
	7HO011621	MAYFLOWER	775	G	98
99-I	7HO013328	YALE	773	G	84
	7HO012256	MAGUIRE	768	G	94
99-I	151HO1611	DIXON	768	G	83
99-I	1HO11665	GENIUS	766	G	82
	200HO010188	SURFER	763	G	91
99-I	203HO03005	DECOY	763	G	85
99-I	7HO012449	MARTY	762	G	93

Top 50 Genomic-only, Net Merit $

	NAAB	Name	NM$		Rel.
99-I	551HO3529	CHARL	1075	G	73
99-I	29HO018693	CRIMSON	1070	G	74
99-I	614HO014226	ROME	1064	G	74
99-I	29HO018868	DIVERSITY	1057	G	73
99-I	29HO018870	VENTURE	1056	G	73
99-I	551HO3600	NASHVILLE	1053	G	74
99-N	29HO018937	BUNDLE	1044	G	73
99-I	11HO012157	LAWSON	1040	G	73
99-I	29HO018850	CELTIC	1039	G	73
99-I	29HO018906	BILLY	1036	G	73
99-I	614HO014085	SOLUTION	1034	G	74
99-I	507HO014451	BIGAL	1026	G	73
99-I	551HO3590	DEDICATE	1025	G	75
99-I	29HO018858	ENTITY	1023	G	73
99-I	202HO01749	LENOVO	1022	G	71
99-I	507HO014436	BIGDOLLARS	1020	G	73
99-N	29HO018296	ACHIEVER	1019	G	78
99-I	614HO014453	ARROWHEAD	1019	G	73
99-I	29HO018823	BRAVE	1017	G	73
99-I	11HO012356	RNR	1015	G	73
99-I	29HO018984	MONTREAL	1014	G	74
99-I	29HO018697	SASSAFRAS	1014	G	74
99-N	29HO018783	ADVANCE	1013	G	73
99-I	11HO012358	ROADY	1013	G	73
99-I	29HO018784	AMPLIFY	1013	G	73
99-I	29HO018843	PERK	1009	G	74
99-I	1HO13879	KORBEL	1009	G	73
99-N	29HO018812	ADVISOR	1007	G	75
99-N	29HO018772	ATRIUM	1007	G	73
99-I	200HO011028	CHALLENGER	1006	G	74
99-I	29HO018884	CROSBY	1005	G	73
99-I	200HO011241	TOURNAMENT	1005	G	73
	551HO3418	DYNASTY	1004	G	79
99-I	29HO018807	ALLUSION	1003	G	73
99-I	614HO014220	RIVETING	1003	G	73
99-N	29HO018925	TENUOUS	1003	G	73
99-N	29HO018852	EMERGE	1002	G	74
99-I	1HO13876	FENWAY	1000	G	73
99-I	507HO014229	TAHITI	999	G	74
99-I	11HO012174	EXPLOSION	999	G	73
99-I	551HO3637	WATSON	999	G	73
99-I	11HO012194	CABOT	997	G	74
99-I	14HO014202	DECLAN	997	G	73
99-I	29HO018787	ESCALATE	995	G	73
99-I	507HO014194	MOOLA	993	G	74
99-I	29HO018740	NIKO	993	G	74
99-I	551HO3638	ROCCO	993	G	74
98-I	507HO014454	LIONEL	993	G	73
98-I	29HO018923	SAIGE *CD	993	G	73
99-I	507HO014364	EISAKU	991	G	74
	200HO011297	PYRAMID	991	G	73

Top 25 Ranked by Fluid Merit $

	NAAB	Name	FM$		Rel.
99-I	29HO017553	JOSUPER	999	G	97
	151HO0681	RUBICON	908	G	96
	203HO01468	DELTA	901	G	96
99-I	151HO0744	DELCO	890	G	93
99-I	203HO01513	DANTE	883	G	93
99-I	1HO11881	PRINCETON	864	G	94
99-I	7HO011985	TETRIS	849	G	94
99-I	7HO012659	PASSAT	849	G	87
99-I	11HO011478	LEAF	844	G	95
	11HO011523	HOTSHOT	838	G	93
99-I	7HO013253	VERTEX	837	G	87
	7HO012266	YODER	826	G	97
	250HO013267	DUKE	825	G	88
	14HO07489	HOMER	815	G	91
99-I	1HO10396	CABRIOLET	814	G	99
	151HO0690	DENVER	814	G	94
	203HO01469	DEARING	809	G	94
99-I	1HO012829	PROWLER	808	G	81
	7HO011351	SUPERSIRE	807	G	99
99-I	11HO011499	MEGLO	805	G	94
93-N	1HO011647	BARCLAY	802	G	84
	151HO0695	DRAMA	799	G	93
	151HO0698	DRACO*CD	798	G	94
99-I	11HO011440	CORNELL	796	G	93
99-I	7HO012421	MILLINGTON	784	G	94
	7HO012600	MODESTY	784	G	93

Top 25 Genomic-only, Fluid Merit $

	NAAB	Name	FM$		Rel.
99-I	551HO3529	CHARL	1045	G	73
99-I	507HO014436	BIGDOLLARS	1007	G	73
99-I	614HO014085	SOLUTION	1005	G	74
99-I	29HO018870	VENTURE	1004	G	73
99-I	29HO018693	CRIMSON	1003	G	74
99-I	614HO014226	ROME	992	G	74
99-I	202HO01749	LENOVO	989	G	71
99-I	29HO018868	DIVERSITY	988	G	73
99-I	551HO3600	NASHVILLE	985	G	74
99-I	29HO018850	CELTIC	985	G	73
98-I	507HO014454	LIONEL	974	G	73
99-N	29HO018852	EMERGE	971	G	74
99-I	14HO014202	DECLAN	964	G	73
	551HO3416	DYNAMO	961	G	79
99-I	7HO014335	TBIRD	961	G	73
99-I	7HO012788	FRAZZLED	960	G	78
99-I	507HO014229	TAHITI	960	G	74
99-N	29HO018937	BUNDLE	960	G	73
99-I	29HO018858	ENTITY	959	G	73
99-I	614HO014453	ARROWHEAD	955	G	73
99-I	551HO3590	DEDICATE	954	G	75
99-I	11HO012293	BUNDLE	954	G	75
99-I	551HO3638	ROCCO	953	G	74
99-I	7HO014264	SPEEDY	953	G	73
99-I	1HO13879	KORBEL	952	G	73

Top 25 Ranked by Cheese Merit $

	NAAB	Name	CM$		Rel.
	151HO0681	RUBICON	1003	G	96
99-I	29HO017553	JOSUPER	976	G	97
99-I	203HO01513	DANTE	934	G	93
99-I	1HO10396	CABRIOLET	933	G	99
	203HO01468	DELTA	930	G	96
	7HO012266	YODER	908	G	97
	250HO013267	DUKE	882	G	88
99-I	7HO012421	MILLINGTON	878	G	94
99-I	7HO012659	PASSAT	878	G	87
99-I	1HO11881	PRINCETON	875	G	94
	203HO01470	DION	873	G	95
99-I	29HO017785	COMMEND	868	G	89
99-I	151HO0744	DELCO	856	G	93
	7HO013094	TRENTON	855	G	94
99-I	1HO12829	PROWLER	852	G	81
	203HO01469	DEARING	848	G	94
	151HO1602	DIRECTOR *CD	848	G	91
99-I	7HO011985	TETRIS	846	G	94
	11HO011523	HOTSHOT	842	G	93
	151HO0698	DRACO*CD	839	G	94
	7HO012600	MODESTY	836	G	93
93-N	1HO11647	BARCLAY	833	G	84
	7HO011351	SUPERSIRE	830	G	99
99-I	11HO011478	LEAF	829	G	95
99-I	29HO017784	COLLUDE	829	G	93

Top 25 Genomic-only, Cheese Merit $

	NAAB	Name	CM$		Rel.
99-I	11HO012157	LAWSON	1105	G	73
99-I	29HO018693	CRIMSON	1103	G	74
99-I	614HO014226	ROME	1101	G	74
99-I	551HO3529	CHARL	1091	G	73
99-I	29HO018868	DIVERSITY	1090	G	73
99-I	551HO3600	NASHVILLE	1086	G	74
99-N	29HO018937	BUNDLE	1085	G	73
99-I	29HO018870	VENTURE	1082	G	73
99-I	29HO018906	BILLY	1082	G	73
99-I	29HO018984	MONTREAL	1066	G	74
99-I	29HO018850	CELTIC	1066	G	73
99-I	507HO014451	BIGAL	1064	G	73
99-I	29HO018784	AMPLIFY	1064	G	73
99-I	551HO3590	DEDICATE	1059	G	75
99-I	29HO018697	SASSAFRAS	1058	G	74
	200HO011251	WIMBLEDON	1058	G	73
99-N	29HO018296	ACHIEVER	1057	G	78
99-I	29HO018858	ENTITY	1055	G	73
99-I	11HO012356	RNR	1054	G	73
99-I	11HO012358	ROADY	1052	G	73
99-I	614HO014453	ARROWHEAD	1051	G	73
99-I	614HO014085	SOLUTION	1050	G	74
99-I	29HO018823	BRAVE	1049	G	73
99-N	29HO018772	ATRIUM	1049	G	73

* Three bulls tied at 1048 NM$

Top 25 Ranked by Grazing Merit $

	NAAB	Name	GM$		Rel.
	203HO01468	DELTA	896	G	96
	151HO0681	RUBICON	890	G	96
	7HO012266	YODER	875	G	97
99-I	29HO017553	JOSUPER	860	G	97
99-I	203HO01513	DANTE	860	G	93
99-I	7HO012659	PASSAT	858	G	87
	11HO011523	HOTSHOT	856	G	93
99-I	11HO011499	MEGLO	835	G	94
99-I	1HO10396	CABRIOLET	823	G	99
	7HO012600	MODESTY	820	G	93
	151HO1602	DIRECTOR *CD	818	G	91
	203HO01470	DION	809	G	95
99-I	1HO011376	TABASCO	806	G	93
99-I	151HO0744	DELCO	804	G	93
99-I	7HO012421	MILLINGTON	801	G	94
	200HO010195	LITTLEROCK	798	G	93
99-I	1HO012164	TRANSFORMER	798	G	92
	151HO0698	DRACO*CD	795	G	94
	203HO01469	DEARING	792	G	94
99-I	1HO012829	PROWLER	788	G	81
99-I	7HO013328	YALE	785	G	84
99-I	29HO017785	COMMEND	782	G	89
99-I	7HO011985	TETRIS	777	G	94
	250HO013267	DUKE	775	G	88
	147HO02442	PRIDE	767	G	94
	513HO03091	DETOUR	767	G	89

Top 25 Ranked by Grazing Merit $

	NAAB	Name	GM$		Rel.
99-I	551HO3529	CHARL	1062	G	73
99-I	11HO012157	LAWSON	1028	G	73
99-I	614HO014226	ROME	1023	G	74
99-I	551HO3600	NASHVILLE	1020	G	74
99-I	614HO014453	ARROWHEAD	1019	G	73
99-N	29HO018772	ATRIUM	1014	G	73
99-I	551HO3590	DEDICATE	1012	G	75
99-I	29HO018693	CRIMSON	1008	G	74
99-I	11HO012286	ROBERT	1007	G	73
	200HO011297	PYRAMID	1005	G	73
99-I	29HO018870	VENTURE	1003	G	73
99-N	29HO018937	BUNDLE	997	G	73
99-I	29HO018868	DIVERSITY	994	G	73
99-I	11HO012358	ROADY	991	G	73
99-I	29HO018858	ENTITY	990	G	73
99-I	614HO014220	RIVETING	990	G	73
99-I	29HO018850	CELTIC	984	G	73
99-N	29HO018296	ACHIEVER	977	G	78
99-I	507HO014364	EISAKU	974	G	74
99-I	29HO018784	AMPLIFY	973	G	73
99-I	11HO012174	EXPLOSION	971	G	73
99-I	7HO014408	MUSA	971	G	73
99-N	29HO018812	ADVISOR	970	G	75
99-I	29HO018697	SASSAFRAS	969	G	74
99-I	29HO018855	PLAZA	969	G	73
99-N	29HO018950	CODE	969	G	73

M = MACE G = Genomic tested *RC = Red Carrier *CV = CVM Carrier P = Polled *BL = BLAD Carrier *BY = Brachyspina Carrier *CD = Cholestrol Deficiency

* In order for Holsteins to appear on lists, all bulls must be in the Top 40th percentile for Net Merit. All Holsteins come from 100 percent Registered Holstein Ancestry (RHA) unless noted.

Holstein Top Bulls — December 2018 Sire Summaries

Top 25 Ranked by Udders*

	NAAB	Name	UDC	Rel.
99-I	11HO11437	SPRING	3.18 G	99
	7HO11314	MOGUL	3.12 G	99
	11HO11379	RABO	2.95 G	96
	513HO3091	DETOUR	2.93 G	91
	29HO17573	SILVER	2.85 G	99
	534HO25	MARDIGRAS	2.84 G	97
	7HO12605	AZOR	2.84 G	85
	14HO7337	CHOPS	2.83 G	96
	250HO1131	SALT	2.82 G	93
	151HO690	DENVER	2.80 G	99
99-I	1HO11669	MAGNUS	2.80 G	83
	200HO10079	BRIGHAM	2.78 G	96
	7HO12602	HANG-TIME	2.74 G	92
	203HO1468	DELTA	2.72 G	99
	223HO17	SYMION *RC	2.62 G	86
	151HO698	DRACO*CD	2.61 G	98
	151HO677	MAGOO	2.60 G	95
	11HO11434	CR	2.59 G	95
99-I	515HO133	CONDOR	2.58 G	80
99-I	7HO12611	FERDINAND	2.53 G	92
99-I	7HO12711	RAYMOND	2.53 G	86
99-I	1HO11427	TAURINO	2.51 G	95
	1HO11670	GATEDANCER	2.49 G	79
	14HO7598	HAL	2.48 G	87
99-I	11HO11630	MORENO	2.48 G	80

Top 25 Ranked by Feet and Legs*

	NAAB	Name	F & L	Rel.
99-I	1HO11863	RENEGADE	2.98 G	96
	223HO17	SYMION *RC	2.84 G	86
	180HO86008	INSIDER	2.61 G	94
	151HO681	RUBICON	2.45 G	99
	200HO9137	GRAM	2.17 G	92
99-I	11HO11537	JANGO	2.17 G	91
	7HO12600	MODESTY	2.15 G	97
99-I	14HO7511	DAYBREAK	2.12 G	90
	7HO11314	MOGUL	2.09 G	99
99-I	7HO12344	RAGER-RED	2.06 G	95
99-I	29HO17747	HARPER	2.05 G	87
	151HO677	MAGOO	2.03 G	95
99-I	29HO16909	COMMANDER	1.96 G	98
	11HO11434	CR	1.94 G	95
	7HO12195	BUTLER	1.92 G	96
	7HO13276	BOWENC *CD	1.91 G	89
99-I	151HO721	LUCENT	1.90 G	91
99-I	7HO12603	JERALD	1.87 G	85
93-N	11HO11601	HIFASHN	1.85 G	85
	11HO11422	JAKE	1.81 G	96
	29HO17573	SILVER	1.80 G	99
	200HO6628	MASTERFUL	1.76 G	96
99-I	7HO12569	HEISENBERG	1.76 G	93
99-I	7HO12611	FERDINAND	1.75 G	92
	29HO16962	MOONRAKER	1.73 G	94

Top 25 Ranked by Somatic Cell*

	NAAB	Name	SCS	Rel.
99-I	29HO17685	BATTLECRY	2.38 G	91
93-I	566HO1211	BLENDER	2.41 G	80
99-I	11HO11531	SABRE	2.44 G	95
	200HO7836	SOCIETY	2.47 G	92
99-N	11HO11508	CONSUL	2.48 G	90
	200HO3950	BOMBERO	2.49 G	99
	151HO696	DOZER	2.50 G	97
99-I	1HO11372	HONOLULU	2.52 G	92
	147HO2474	PAGEANT	2.52 G	84
99-I	1HO12164	TRANSFORMER	2.53 G	94
99-I	7HO12556	PAGEONE	2.56 G	92
99-I	29HO17706	TAILOR	2.56 G	92
99-I	29HO17784	COLLUDE	2.58 G	96
99-N	11HO11544	ACEHIGH	2.58 G	89
93-N	11HO11601	HIFASHN	2.58 G	88
	200HO10496	DELFINO	2.59 G	87
	7HO12577	MUNGER	2.60 G	88
99-I	7HO12674	HOLMAN	2.60 G	88
	202HO1559	BRAYDEN	2.60 G	80
99-I	7HO12421	MILLINGTON	2.61 G	97
	151HO693	DESIGN	2.61 G	90
99-I	14HO12631	HURLEY	2.61 G	90

* Six bulls tied at 2.61 SCS

Top 25 Sires for Pregnancy Rate*

	NAAB	Name	DPR	Rel.
99-I	7HO13340	MESORACO	5.9 G	73
	7HO11169	PETRONE	5.8 G	99
99-I	1HO12164	TRANSFORMER	5.4 G	86
99-I	11HO11531	SABRE	5.2 G	88
99-N	1HO12658	LEDOUX	5.1 G	85
	7HO12623	GUMP	4.9 G	80
	97HO41161	WHATSAPP *RC	4.8 G	83
99-I	7HO13373	FLAGSHIP	4.8 G	77
	200HO10294	ACCURATE	4.8 G	76
99-I	11HO11499	MEGLO	4.7 G	91
	200HO10079	BRIGHAM	4.7 G	89
	11HO11523	HOTSHOT	4.7 G	88
	151HO1602	DIRECTOR *CD	4.7 G	84
99-I	7HO12569	HEISENBERG	4.7 G	83
	200HO10259	ARMOUR	4.7 G	80
99-I	29HO17706	TAILOR	4.6 G	85
99-I	1HO11376	TABASCO	4.5 G	91
99-I	1HO12107	ARMANI	4.5 G	86
99-I	14HO12631	HURLEY	4.4 G	82
98-N	44HO438	DECEMBER	4.3 G	81
	566HO1225	DAVETO	4.3 G	79
	7HO12601	FRANCHISE	4.1 G	82
	200HO10195	LITTLEROCK	4.0 G	89

* Four bulls tied at 3.9 DPR

Top 25 Sires for Sire Calving Ease*

	NAAB	Name	Sire CE	Rel.
	200HO402	MANIFOLD	3.9 G	99
	76HO712	SHUT-OUT	4.0 G	98
	11HO11272	GILCREST	4.2 G	99
99-I	1HO10738	JITTERBUG	4.3 G	99
	543HO62	CORBAIN	4.5 G	63
	7HO12601	FRANCHISE	4.6 G	99
99-I	7HO12556	PAGEONE	4.6 G	99
	151HO695	DRAMA	4.6 G	97
	29HO17875	ENDEAVOR	4.6 G	96
99-I	1HO10396	CABRIOLET	4.7 G	99
99-I	29HO17784	COLLUDE	4.7 G	99
99-I	7HO13373	FLAGSHIP	4.7 G	99
	147HO2442	PRIDE	4.7 G	98
	513HO16	XY	4.7 G	96
99-I	97HO41116	JONES	4.9 G	97
	200HO7823	ATWORK *RC	4.9 G	97
99-I	11HO11499	MEGLO	5.0 G	99
	147HO2479	DISCOVERY	5.1 G	95
	7HO12195	BUTLER	5.2 G	99
	97HO41161	WHATSAPP *RC	5.2 G	92
	7HO12600	MODESTY	5.3 G	99
	200HO7846	SUPERMAN	5.3 G	99
	29HO16962	MOONRAKER	5.3 G	99
	200HO6628	MASTERFUL	5.3 G	99

* Six bulls tied at 5.4 SCE

Top 25 Genomic-only, Udders*

	NAAB	Name	UDC	Rel.
99-I	200HO11287	DISCJOCKEY	3.96 G	74
	94HO18655	BIGFLAVOR	3.78 G	79
	200HO11289	DUPLO	3.69 G	74
99-I	799HO9	ROZUME	3.68 G	75
	566HO1281	DARKHORSE	3.60 G	78
	200HO11130	GRANDPRIX	3.60 G	76
	551HO3435	STRONGER *RC	3.43 G	79
99-I	250HO14579	HANCOCK	3.41 G	76
99-I	288HO207	DYLAN	3.38 G	76
99-I	551HO3687	MEMPHIS	3.37 G	75
	200HO10962	OTHELLO	3.36 G	77
	200HO10783	COUNTRY	3.32 G	78
99-I	734HO90	HOTSPOT	3.32 G	76
	200HO10792	DALLAS	3.31 G	77
	551HO3632	REBEL	3.26 G	78
	319HO8	DANICK	3.25 G	74
99-I	7HO14366	LEVITATE	3.23 G	79
	200HO10757	LIGHTHOUSE	3.22 G	79
	200HO10775	C-SUITE	3.22 G	78
	187HO5382	SPLENDORE	3.20 G	76
	182HO1006	NOVEMBER	3.20 G	75
	198HO2142	LABATT	3.18 G	75
	198HO2141	LETSGO	3.18 G	74
99-I	200HO11201	HUNK	3.17 G	76
	7HO14319	FORTE	3.16 G	76

Top 25 Genomic-only, Feet and Legs*

	NAAB	Name	F & L	Rel.
	94HO18655	BIG FLAVOR	2.94 G	79
	202HO1693	DAMONTI	2.76 G	78
99-I	7HO13607	MAGICTOUCH	2.76 G	78
	551HO3703	CAMEO	2.68 G	75
	202HO1737	SOLITO-RED	2.67 G	73
	7HO12993	HUMBLENKIND	2.66 G	81
99-I	551HO3675	JUSTIFIED-P	2.58 G	79
99-I	1HO13844	GAMECHANGER	2.56 G	78
	200HO11258	AURA	2.41 G	74
99-I	7HO13628	PIZAZZ	2.40 G	79
99-I	734HO90	HOTSPOT	2.40 G	76
	250HO14465	RONALD	2.37 G	76
99-I	200HO11319	FULLMARKS	2.35 G	75
	543HO166	MUNARI	2.35 G	74
	44HO446	DANNY BOY	2.33 G	79
	551HO3373	RUBI-AGRONAUT	2.33 G	77
99-I	11HO12209	HOTJOB	2.33 G	75
99-N	29HO18950	CODE	2.33 G	75
	7HO12998	THONMAKER	2.32 G	80
	202HO1742	STERNRED	2.32 G	73
99-I	1HO13162	GHOST	2.30 G	79
	291HO18005	HEPHAESTUS	2.30 G	79
99-I	151HO3205	RUBI-ASP *RC	2.28 G	79
99-I	7HO14060	SIMPLICIT-P *RC	2.27 G	79
99-N	1HO12471	DECARO	2.27 G	78

Top 25 Genomic-only, Somatic Cell*

	NAAB	Name	SCS	Rel.
99-I	137HO5224	KIOWA	2.33 G	73
	224HO4826	FANTASTIC	2.36 G	76
	200HO11454	FUNCTION	2.38 G	73
	551HO3549	ROME	2.40 G	76
	200HO10670	OUTLAST	2.41 G	78
	307HO1	ORION	2.41 G	76
99-I	507HO14194	MOOLA	2.41 G	74
99-I	200HO11531	BALTIMORE	2.41 G	73
99-I	224HO4210	CONTENDER	2.42 G	78
	543HO142	NUREYEV	2.42 G	78
99-I	11HO12342	CURRY	2.42 G	74
99-I	734HO84	ARSENAL	2.42 G	74
	200HO10610	WINDMILL	2.43 G	77
	200HO11043	PROSPEROUS	2.43 G	75
99-I	200HO11315	BLUEDEVIL	2.43 G	74
99-I	1HO12943	HEXER	2.44 G	77
99-I	705HO10103	LEO	2.44 G	73
99-I	14HO14271	FIREBIRD	2.45 G	74
99-N	1HO13369	DAVARI	2.46 G	78
	202HO1601	RESHOT	2.46 G	78
	305HO17038	LAURENT	2.46 G	76
	209HO9025	MINELLI	2.46 G	74
	288HO192	HELIOS	2.47 G	78
	551HO3375	PANZER	2.47 G	77
	543HO105	MONFORT	2.47 G	77
99-I	202HO1755	GRANITO	2.47 G	73

Top 25 Genomic-only, DPR*

	NAAB	Name	DPR	Rel.
99-I	551HO3371	HANCHO *CD	7.5 G	73
99-I	734HO84	ARSENAL	7.3 G	71
99-I	29HO18676	FLAGSTAFF	7.1 G	72
	1HO12434	ALABI	6.7 G	78
99-I	7HO13559	SNAZZY	6.3 G	75
	1HO13836	WORLD CLASS	6.2 G	74
	522HO4836	LANCASTER	6.1 G	72
99-I	1HO13256	ATLANTIS	6.0 G	76
99-N	551HO3444	MARVEL	6.0 G	75
99-N	551HO3361	SMYRNA	5.9 G	76
	200HO10866	MAVERICK	5.8 G	75
99-I	11HO12259	BACK9	5.8 G	72
99-N	7HO12979	JOLOKIA	5.7 G	75
	551HO3634	SHAKER	5.7 G	74
	305HO17133	JETT JOHN-ET	5.7 G	73
99-I	137HO5297	SIOUX	5.7 G	71
	200HO11411	MATCHPOINT	5.7 G	71
99-I	551HO3598	YAGER	5.6 G	75
99-I	7HO13664	NOTABLE	5.6 G	73
	200HO11221	MAHOGANY	5.6 G	71
99-I	551HO3501	REDROCK	5.5 G	75
99-I	551HO3647	REDROCK 2	5.5 G	75
99-I	551HO3648	REDROCK 3	5.5 G	75
99-I	551HO3649	REDROCK 4	5.5 G	75
99-I	11HO12060	OSCAR	5.5 G	72
	11HO12353	TRUSTEE	5.5 G	71

Top 25 Genomic-only, for Sire CE*

	NAAB	Name	Sire CE	Rel.
	151HO3234	DELTA-GAMMA	3.8 G	91
99-I	11HO11869	IGNITION	4.1 G	90
	14HO7835	LUCKY-PP-RED	4.2 G	98
	551HO3367	CHI	4.2 G	94
	513HO3153	MEGA-RAGE	4.2 G	71
99-I	29HO18720	OUTBACK	4.2 G	62
99-I	29HO18924	FOXTROT	4.2 G	62
99-N	11HO12026	MIKLO	4.3 G	91
99-I	11HO11727	TRUESHOT	4.5 G	99
	29HO906	ARBOR-RED	4.5 G	89
99-I	202HO1698	SUPERMAX	4.5 G	63
	29HO18661	OAKLAND	4.5 G	62
	44HO722	GROUCHO	4.5 G	62
92-N	1HO13816	PENNYBAGS	4.5 G	62
	202HO1689	DERRIC-P	4.5 G	57
87-I	1HO11989	ROMERO	4.6 G	99
	1HO11901	CINTRON	4.6 G	98
99-I	29HO18066	DANNER-P	4.6 G	98
	151HO3221	MEGA-BUCKS	4.6 G	70
99-I	29HO18294	MOONGLOW	4.7 G	98
99-I	97HO41864	TRACE	4.7 G	93
	11HO11892	MAESTRO	4.7 G	93
99-I	7HO13866	RIO	4.7 G	88
99-I	551HO3440	CHAIRMAN	4.7 G	86
99-N	551HO3471	MEINO	4.7 G	68

*** In order for Holsteins to appear on lists, all bulls (progeny tested and genomic) must be in the Top 40th percentile for Net Merit. All Holsteins come from 100 percent Registered Holstein Ancestry (RHA) unless noted.**

Jersey Top Bulls

Top 25 Ranked by Cheese Merit $

NAAB	Name	CM$	Rel.
11JE1259	STEVE	679 G	85
11JE1179	VICEROY	673 G	94
236JE171	LUSAKA	634 G	79
200JE1007	MACKENZIE	610 G	96
236JE177	HORN	601 G	79
14JE704	CALVIN *GC4	598 G	87
1JE922	RONALDO *GC3	595 G	92
29JE3987	IMPISH	583 G	87
236JE207	HOVE	576 G	77
200JE913	MESSI *GC5	575 G	88
7JE5004	CHROME	569 G	94
203JE1631	NATE DOGG *GC2	567 G	82
203JE1366	SOLEIL	566 G	94
236JE166	HJORT	565 G	82
200JE1035	NXLEVEL	564 G	85
203JE1632	TYRION *GC2	559 G	90
29JE3989	HALT *GC5	559 G	81
11JE1211	IVORY	555 G	93
11JE1243	MEMORY	551 G	81
14JE648	LEONEL *GC3	547 G	95
29JE3991	BANCROFT	541 G	83
29JE3866	HARRIS *GC4	537 G	99
14JE652	MARLO *GC2	534 G	95
7JE1727	DAKARAI	532 G	86
29JE3992	LANCER	531 G	79

Top 25 Ranked by JPI

NAAB	Name	JPI
11JE1179	VICEROY	197 G
14JE704	CALVIN *GC4	191 G
7JE5004	CHROME	186 G
11JE1259	STEVE	186 G
1JE922	RONALDO *GC3	185 G
236JE171	LUSAKA	178 G
11JE1211	IVORY	172 G
203JE1631	NATE DOGG *GC2	170 G
236JE177	HORN	170 G
203JE1630	TI *GC2	168 G
29JE3989	HALT *GC5	168 G
203JE1632	TYRION *GC2	164 G
200JE913	MESSI *GC5	164 G
29JE3991	BANCROFT	164 G
29JE3866	HARRIS *GC4	162 G
29JE3987	IMPISH	162 G
236JE166	HJORT	161 G
203JE1366	SOLEIL	159 G
1JE892	VANDRELL *GC2	159 G
200JE1035	NXLEVEL	159 G
14JE673	AVON *GC2	156 G
7JE1484	PERRY	156 G
236JE165	HOJ *GC6	156 G
200JE1007	MACKENZIE	155 G
29JE3992	LANCER	155 G
200JE1033	CONNER *GC4	155 G

Top 25 Genomic, by Cheese Merit $

NAAB	Name	CM$	Rel.
29JE4117	WESTPORT *GC6	707 G	68
7JE1722	DASHIELL *GC6	702 G	70
200JE1163	DECADE *GC6	697 G	68
1JE1074	ZINC *GC5	693 G	68
11JE1369	MONTRA *GC6	691 G	72
1JE1106	STACKHOUSE *G4	690 G	66
29JE4104	DANNY *GC3	679 G	69
29JE4092	RONDO *GC3	672 G	66
11JE1348	ZIZIC *GC4	668 G	71
11JE1377	BAYNES *GC3	667 G	66
1JE1118	LEAVALL *GC3	660 G	64
11JE1379	ZIDANE *GC4	659 G	68
29JE4101	ACCLIMATE *GC3	659 G	68
1JE5000	MR CHAVEZ *GC4	659 G	67
29JE4109	DAB *GC3	658 G	66
551JE1710	ASENSIO *GC4	656 G	69
1JE1102	JAMISON *GC3	656 G	64
29JE4079	MIGHTY	654 G	73
200JE1142	KOBE-P *GC3	650 G	71
551JE1717	JIGGY *GC6	650 G	70
1JE1075	AROUND *GC5	649 G	67
29JE4130	HAWKIN *GC3	647 G	62
11JE1366	RASHFORD *GC4	646 G	70
1JE1081	DOX *GC3	645 G	70
551JE1699	FAMILIA *GC3	644 G	72
597JE177	ARRIVE *GC3	644 G	69

Top 25 Genomic-only, JPI

NAAB	Name	JPI
1JE1106	STACKHOUSE *GC4	206 G
11JE1369	MONTRA *GC6	204 G
200JE1163	DECADE *GC6	204 G
1JE1074	ZINC *GC5	203 G
1JE1118	LEAVALL *GC3	203 G
7JE1722	DASHIELL *GC6	201 G
29JE4104	DANNY *GC3	201 G
29JE4117	WESTPORT *GC6	200 G
11JE1370	ATHLETE *GC6	197 G
11JE1366	RASHFORD *GC4	196 G
29JE4092	RONDO *GC3	196 G
11JE1379	ZIDANE *GC4	195 G
29JE4109	DAB *GC3	195 G
11JE1348	ZIZIC *GC4	194 G
551JE1717	JIGGY *GC6	194 G
11JE1377	BAYNES *GC3	194 G
1JE935	WORLD CUP *GC5	193 G
1JE1081	DOX *GC3	193 G
1JE1102	JAMISON *GC3	193 G
200JE10034	CHIEF *GC6	192 G
97JE180	KAWHI *GC4	191 G
551JE1710	ASENSIO *GC4	191 G
29JE4101	ACCLIMATE *GC3	191 G
1JE1054	ACHIEVER *GC3	191 G
1JE1073	HALL *GC4	190 G
29JE4102	TJ *GC4	190 G

Brown Swiss Top Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes NM$	Rel.	CM$	PPR	Production-related PTAs lbs. M	lbs. F	%F	lbs. P	%P	Rel.	SCS	PL	Type Data PTAT	Rel.
TOP 10 BROWN SWISS BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT															
SWITZERTALS PYSLI **DARIO** ET	54BS544	490	81	513	180	1138	42	-0.02	45	0.03	91	2.77	4.4 G	-0.2	76
SWITZER TALS CDNC **DIXON** ET	7BS877	446	74	467	183	1322	48	-0.02	51	0.03	82	2.88	2.9 G	0.5	71
SHILOH BROOKNGS **CADENCE** ET	54BS509	416	93	429	170	1347	52	-0.01	46	0.01	98	2.81	2.0 G	1.1	96
SWITZER TALS CDNC **DANE** ET	54BS543	398	75	401	158	1388	41	-0.06	42	-0.02	82	2.90	3.7 G	0.9	76
LIME ROCK **SEASIDEBLOOM**	200BS303	377	82	377	144	1353	33	-0.09	38	-0.03	89	2.82	2.3 G	0.6	82
KIBA ANIBAL **FACT** ET	196BS28432	374	69	380	131	1001	8	-0.14	26	-0.03	74	2.43	6.3 G	0.9	72
COZY NOOK DRIVER **TONKA**	54BS517	371	80	385	130	622	42	0.07	25	0.02	88	2.86	2.8 G	0.0	83
MAVERICK MR NEMO **STRYKER**	151BS1403	368	70	367	142	1082	37	-0.03	32	-0.02	74	3.05	3.5 G	1.0	68
HOLYLAND **TOUGHER** ET	200BS121	331	75	351	121	479	33	0.06	23	0.03	82	2.69	2.3 G	0.4	72
HACKER	504BS56	324	76	328	109	513	20	0.00	15	-0.01	82	2.79	3.4 G	-0.5	77
TOP 10 BROWN SWISS BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT															
LA RAINBOW SWEET **SILVER** ET	54BS577	535	60	557	211	1317	61	0.03	51	0.03	64	2.85	2.6 G	0.9	65
MEADO-BROOK SAGES **STANDOUT**	507BS907	528	54	548	186	986	49	0.04	38	0.02	58	2.72	4.1 G	0.7	58
AMBER RAE CARTEL **MOMBO**	7BS893	501	60	532	195	1083	64	0.09	50	0.06	64	2.89	1.9 G	0.0	64
AMBER RAE 10436 **BUCKY**	14BS902	468	54	475	192	1376	61	0.02	44	-0.01	58	2.90	2.1 G	0.6	59
LONE OAK CADENCE **HANK** ET	501BS601	434	61	442	164	1373	44	-0.05	44	-0.01	66	2.87	3.7 G	0.6	67
SWITZER TALS DRDVL **DOBOY** ET	54BS583	424	57	429	163	1330	52	-0.01	41	-0.01	60	2.85	2.6 G	1.6	62
NORTH STAR **LUCKY CHANCE** ET	551BS1424	417	52	417	188	1551	59	-0.02	49	-0.01	56	3.22	1.7 G	0.2	55
DOUBLE W **KADE** NP	54BS586	414	57	438	156	464	40	0.09	27	0.05	62	2.86	4.0 G	0.8	60
GERA-LEE KANNON **TY** TWIN	7BS903	412	62	421	167	1171	49	0.01	39	0.00	66	2.89	1.6 G	0.4	67
MEADO-BROOK SAGES **SINAI** ET	29BS3820	408	55	416	178	1459	60	0.00	49	0.00	59	3.08	1.2 G	0.3	59

Red and White Top Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes NM$	Rel.	CM$	TPI	Production-related PTAs lbs. M	lbs. F	%F	lbs. P	%P	Rel.	SCS	PL	Type Data PTAT	Rel.
TOP 5 RED AND WHITE BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT															
COYNE-FARMS SYMPATI **PAT**-RED	7H012436	720	93	749	2547	1252	67	0.07	52	0.05	98	2.74	4.8 G	1.54	95
RI-VAL-RE **RAGER**-RED-ET	7H012344	699	94	719	2564	1233	64	0.06	46	0.03	99	2.75	6.0 G	2.37	95
STEP-RED-ET	202H01535	560	82	550	2355	2250	38	-0.16	58	-0.04	86	2.76	3.8 G	1.89	84
SNOWBIZ **STONEWALL** RED	200H010143	553	88	550	2346	1028	43	0.02	27	-0.02	94	2.84	4.2 G	0.96	86
APRILDAY SAVE **PAYOFF**-RED-ET	1H011616	461	83	464	2170	934	26	-0.03	26	-0.01	88	2.75	5.2 G	0.34	79
TOP 5 RED AND WHITE BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT															
MR RI-VAL-RE GO **FAST**-RED-ET	551H03583	817	73	822	2664	1789	67	0.00	55	0.00	77	2.85	6.7 G	1.92	75
VYSOKA **ZENOBIO**-RED-ET	307H026	806	73	821	2549	1649	79	0.06	52	0.01	76	2.53	6.2 G	0.91	75
KCCK ALTA**AVO**-RED-ET	11H0595	791	73	796	2621	1972	68	-0.02	58	-0.01	76	2.71	6.2 G	2.09	74
KENMORE TRIPLE **CROWN**-RED-ET	7H014460	786	74	830	2697	809	75	0.16	46	0.08	76	2.56	6.1 G	2.70	76
APRILDAY 139 **PAT-ME**-RED-ET	566H01308	772	75	818	2577	1001	81	0.16	56	0.09	78	2.78	4.3 G	1.26	78
TOP 5 RED CARRIER BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT															
WILLSBRO **ATWORK**-ET *RC	200H07823	713	89	744	2458	483	67	0.18	31	0.06	94	2.76	6.2 G	0.60	91
FLEVO GENETICS **WHATSAPP** *RC	97H041161	647	85	692	2472	2	42	0.16	25	0.09	88	2.75	7.2 G	1.38	88
DYMENTHOLM S **SYMPATICO** *RC	200H02828	635	97	627	2397	1529	62	0.02	38	-0.03	99	2.78	3.9 G	1.67	99
SNOWBIZ **SYMION**-ET *RC	223H017	627	83	641	2498	726	50	0.08	29	0.02	86	2.90	4.1 G	1.82	86
MR SUNVIEW COIN **SUNFISH**-ET *RC	54H0754	600	90	617	2339	1616	54	-0.02	54	0.02	94	2.63	3.8 G	1.43	93
TOP 5 RED CARRIER BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT															
BATOUWE RE **SAVIO** *RC	200H07935	949	72	975	2753	1151	82	0.14	45	0.04	75	2.57	9.1 G	1.62	72
SALVO RDC-ET *RC	202H01723	910	73	928	2769	1519	85	0.10	50	0.01	76	2.51	7.1 G	2.09	74
PROGENESIS **HAWA**I *RC *CD	200H011016	905	73	934	2790	1348	81	0.11	53	0.04	76	2.62	7.3 G	1.79	74
TRENT-WAY-JS **RONALD**-ET *RC	250H014465	891	74	916	2825	1574	69	0.04	58	0.04	77	2.66	7.3 G	2.71	76
WILDER **MARK**-ET *RC	200H07923	891	73	901	2793	1741	78	0.05	55	0.01	76	2.75	8.0 G	2.23	74

*GC= Number of generations from purebred Jersey lineage | *RC=Red Carrier | P=Polled | G=Genomic tested | M=MACE | *CD = Cholestrol Deficiency

Explanation of the headings . . .

Name of Bull	NAAB Code	Sample Code	Selection Indexes: NM$	Rel.	CM$	FM$	TPI	Milk, Protein and Fat: lbs. M	lbs. P	%P	lbs. F	%F	Rel.	Type Data: UDC	F&L	PTAT	Rel.

NAAB CODE — A three-part code. A number before the letter indicates the marketing code number. The letters indicate breed, the number following the letters is individual bull identification number.

LIFETIME NET MERIT - NM$ — Combines PTAs for 14 traits in Holsteins. In the other breeds, NM$ uses 12 or 13 traits because either no health traits or calving ability index exists causing values go up slightly for each index trait. The index weights for Holsteins: Fat, 26.8; Protein, 16.9; Productive Life, 12.1; Udder, 7.4; Livability, 7.3; Daughter Pregnancy Rate, 6.7; Body Size, -5.3; Calving Ability, 4.8; Somatic Cell Score, -4.0; Feet and Legs, 2.7; Health Traits, 2.3; Cow Conception Rate, 1.6; Heifer Conception Rate, 1.4; and Milk, -0.7.

CHEESE MERIT - CM$ — Combines PTAs for 14 traits in Holsteins. In the other breeds, NM$ uses 12 or 13 traits causing values go up slightly for each index trait. The index weights for Holsteins: Fat, 22.8; Protein, 20.9; Productive Life, 10.3; Milk, -7.9; Udder, 6.3; Livability, 6.2; Daughter Pregnancy Rate, 5.7; Body Size, -4.5; Somatic Cell Score, -4.4; Calving Ability, 4.1; Feet and Legs, 2.3; Health Traits, 1.9; Cow Conception Rate, 1.4; and Heifer Conception Rate, 1.2.

FLUID MERIT - FM$ — Combines PTAs for 13 traits in Holsteins. In the other breeds, NM$ uses 11 or 12 traits causing values go up slightly for each index trait. The index weights for Holsteins: Fat, 27.1; Milk, 18.4; Productive Life, 12.2; Udder, 7.5; Livability, 7.4; Daughter Pregnancy Rate, 6.8; Body Size, -5.3; Calving Ability, 4.8; Feet and Legs, 2.8; Somatic Cell Score, -2.3; Health Traits, 2.3; Cow Conception Rate, 1.7; and Heifer Conception Rate, 1.4.

GRAZING MERIT - GM$ — Combines PTAs for 14 traits in Holsteins. In the other breeds, NM$ uses 12 or 13 traits causing values go up slightly for each index trait. The index weights for Holsteins: Fat, 22.9; Daughter Pregnancy Rate, 17.8; Protein, 14.4; Udder, 7.4; Productive Life, 6.6; Body Size, -5.8; Livability, 4.9; Calving Ability, 4.5; Cow Conception Rate, 4.3; Somatic Cell Score, -3.5; Feet and Legs, 2.8; Heifer Conception Rate, 2.4; Health Traits, 2.1; and Milk, -0.7.

REL. — Reliability indicates the accuracy evaluations. Reliabilities are expressed as percents and range from 1 to 99. The closer Reliability is to 99, the more reliable the Predicted Transmitting Abilities (PTAs).

TPI Holsteins — Total Performance Index is a value which is determined by placing an emphasis on production and type. The weighting for this index is 21, PTA Protein; 17, PTA Fat; 13, Fertility Index; 11, Udder Composite; 8, PTA Type; 8, Feed Efficiency; 6, Foot and Leg Composite; minus 5, PTA SCS; 4, PTA PL; 3, PTA Livability; minus 2, Daughter Calving Ease; minus 1, PTA Dairy Form; and minus 1, Daughter Stillbirth.

JPI Jerseys — Jersey Performance Index determined by placing an emphasis of 30, PTA Protein; 20, FTI (Functional Trait Index); 15, PTA Fat; 8, CFP Milk; 7, PTA DPR (Daughter Pregnancy Rate); minus 6, PTA SCS (Somatic Cell Score); 6, PTA PL (Productive Life); Livability, 4; 2, Cow Conception rate; and 2, Heifer Conception rate. **PPR Brown Swiss —** The Progressive Performance Ranking (PPR) is calculated with an emphasis of 34, PTA Protein; 28, PTA Fat; 12, DPR; 10, Udder Composite; 6, Mobility; 6, PL; and 4, for Livability. **PTI Ayrshires and Milking Shorthorns** — Determined by placing an emphasis of 4 for PTA Pounds of Protein, 2 for PTA Pounds of Fat, and 1 for PTA Type. **PTI Guernseys** — Computed with a weighting of 5 for PTA Protein, 1 for PTA Fat, and 1 for FHL (Functional Herd Life).

PTA LBS. P, %P, LBS. M, LBS. F, AND %F — PTAs for pounds protein, percent protein, pounds milk, pounds fat, and percent fat indicate how much more (or less) "performance" to expect from an average daughter of bull compared to a average daughter of another bull with a proof of zero. The genetic base, called PTA 10, was selected so half the cow population will have positive PTAs. It was established by setting to zero the weighted average PTA's of all cows born in 2010.

PTA SCS — Predicted Transmitting Ability-Somatic Cell Score is expressed in somatic cell score units. For somatic cell score, lower units are better. A one-point increase in the sire's PTA-SCS was associated with a 75 percent increase in daughter's mastitis incidence.

PTA PL — Predicted Transmitting Ability-Productive Life is expressed in months a cow is in production. A higher PTA would result in a longer herd life.

UDC Holsteins — Udder Composite Score is a ranking of bulls based on ability for udder improvement. Weights for the various udder traits are: Rear Udder Height, 23 percent; Udder Depth, 20 percent; Rear Udder Width, 19 percent; Fore Udder Attachment, 16 percent; Udder Cleft, 8 percent; Rear Teat Placement, 5 percent; Front Teat Placement, 4 percent; Teat Length, 5 percent, and Stature, minus 2 percent.

F&L Holsteins — Feet and Leg Composite Score is a ranking of bulls based on ability for feet and leg improvement. Weights for the four traits are: Feet and Legs Score, 70 percent; Rear Legs, Rear View, 21 percent; and Foot Angle, 9 percent.

CALVING EASE — Service sire calving ease is the tendency of calves from a particular sire to be born more easily (or more difficult) than an average calf.

Guernsey Top Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes: NM$	Rel.	CM$	PTI	Production-related PTAs: lbs. M	lbs. F	%F	lbs. P	%P	Rel.	SCS	PL	Type Data: PTAT	Rel.
TOP 5 GUERNSEY BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT															
LANG HAVEN GRUMPY **NOVAK**	7GU446	377	80	377	111	1102	40	-0.05	32	-0.02	88	2.93	2.4 G	0.9	83
RIPLEY FARMS PIE C **TOBY**	1GU446	350	73	373	104	356	33	0.10	21	0.05	84	2.73	4.0 G	0.5	80
COULEE CREST CONQUEROR **LOGO**	1GU448	297	70	305	100	588	25	-0.01	20	0.00	82	2.81	2.8 G	0.9	78
ROZELYN GOLIATHS **JONATHAN**	31GU621	254	76	275	26	-437	14	0.20	-5	0.05	85	2.63	3.6 G	-1.6	76
FARIA FARMS CRUNCH **SUPERMAN**	31GU631	249	71	252	97	798	46	0.06	29	0.02	82	3.26	-0.3 G	1.4	80
TOP 5 GUERNSEY BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT															
COULEE CREST NOVAK **LAMBEAU**	7GU473	381	46	386	111	673	47	0.09	22	0.00	50	2.90	2.7 G	1.3	48
DAIRYMAN DAWSON **JORDY**-ET	49GU144	372	34	391	84	110	29	0.14	12	0.05	46	2.75	4.3 G	-0.2	45
DAIRYMAN LAREDO **RENEGADE**	31GU633	318	37	332	81	196	30	0.12	13	0.04	49	2.92	3.7 G	0.2	49
DAIRYMAN NOVAK **PRIDE**	551GU902	311	46	305	74	634	11	-0.10	12	-0.05	51	2.78	4.7 G	0.5	49
WALNUT RIDGE PRINCE **CHARMING**	7GU472	265	41	279	85	-72	30	0.19	5	0.04	46	2.88	2.5 G	1.9	43

Ayrshire Top Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes: NM$	Rel.	CM$	PTI	Production-related PTAs: lbs. M	lbs. F	%F	lbs. P	%P	Rel.	SCS	PL	Type Data: PTAT	Rel.
TOP 5 AYRSHIRE BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT															
VR AUTION EDBO **EFECT**	236AY6305	768	72	805	642	1883	77	0.02	78	0.09	79	2.91	6.1 M	-1.2	66
SANROSA **DEACON**-ET	190AY22	679	42	704	673	2388	101	0.04	89	0.07	49	3.15	1.7		
VR NIVALAN FIMBE **FAABELI**	228AY6980	657	74	712	620	1311	58	0.04	71	0.15	82	2.84	4.8 G	-1.3	71
LABRIE **JUKEBOX**-ET	200AY352	411	69	412	600	1592	55	-0.03	47	-0.02	78	2.92	1.1 G	0.5	62
DU PETIT BOIS **ANIMATE**	200AY1002	401	66	419	576	896	38	0.02	35	0.03	76	2.81	3.1 G	0.9	62
TOP 5 AYRSHIRE BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT															
DES FLEURS **PARAGUAY**-ET	200AY1056	581	41	614	676	1609	79	0.08	68	0.09	44	2.97	1.9 G	1.0	34
VR LAHTELAN HIELKE **HASHTAG**	236AY7818	564	26	587	631	1754	70	0.01	65	0.05	27	2.90	2.9 G	-0.2	19
VISSERDALE **SURANO**-ET *FC	1AY345	549	42	576	663	1468	81	0.12	60	0.07	46	2.94	1.9 G	1.0	36
VR ASMO GRANT **GELDOFF**-ET	228AY7445	542	36	544	609	1822	64	-0.03	56	-0.01	38	3.04	3.5 G	-0.4	30
RUISSEAU CLAIR **ATHENOS**-ET	200AY1054	529	42	543	664	1587	78	0.08	56	0.03	45	3.00	1.8 G	1.4	36
COCK ROND **NIRVANA**	200AY1064	529	37	550	627	1290	63	0.06	50	0.05	42	2.86	3.0 G	0.9	33

Milking Shorthorn Top Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes: NM$	Rel.	CM$	PTI	Production-related PTAs: lbs. M	lbs. F	%F	lbs. P	%P	Rel.	SCS	PL	Type Data: PTAT	Rel.
GE GOLD MINE RT **BADGER**	14MS118	260	76	287	107	233	37	0.15	22	0.08	88	2.86	1.0	0.4	73
LADY GROVE **CONRAD**	200MS122	129	53	145	17	-402	26	0.22	-1	0.06	65	3.07	0.7	-0.1	43
NORTH STARS FAMOUS **PATRIOT** EXP	7MS356	80	77	69	36	524	-4	-0.12	9	-0.04	90	3.02	1.8	0.3	74

***FC=Carrier of fish flavor in milk**