

HOARD'S DAIRYMAN BULL LIST

Holstein top bulls — August 2012 Sire Summaries

Top 50 Ranked Udders*			
NAAB	Name	UDC	Rel.
7H09545	HERO	3.84 G	92
7H010052	TIME	3.13 G	94
29H014142	DORCY *BY	3.13 G	90
6H01159	BENCE	3.07 G	77
7H09420	GUTHRIE	2.96 G	90
11H010360	AVALON	2.89 G	85
7H010211	RYKER	2.87 G	86
1H09192	HILL	2.79 G	91
7H09393	EZEKIEL	2.73 G	88
7H09030	RICHMAN	2.71 G	90
14H06132	DIGGER	2.69 G	78
203H0376	ERNESTO	2.68 G	96
200H05843	TOPSIDE	2.66 G	86
76H0581	EXPLODE	2.66 G	85
76H0579	EVOLVE	2.64 G	81
14H05411	PALERMO	2.62 G	92
1H02509	FLAWLESS	2.59 G	88
1H02686	MURRAY	2.59 G	78
200H02243	TEMPTING	2.55 G	92
14H06047	FAVRE	2.53 G	84
147H01231	DOMAIN	2.52 G	79
99-I 11H09939	RUSH	2.50 G	90
54H0458	BEVIN	2.50 G	77
14H05936	DOM *BY	2.48 G	92
29H013162	GERARD	2.47 G	92
200H05801	BAHAMAS	2.46 G	83
1H09527	MASSEY	2.44 G	94
7H09501	OLEGANT	2.40 G	82
98-I 29H013706	ORIENT	2.34 G	91
7H09990	DWIGHT	2.34 G	90
536H0355	PERFORMER	2.31 G	81
200H0528	JETT AIR	2.30 G	90
14H05399	KOLTON	2.29 G	90
7H010000	APPLE-RED	2.28 G	92
99-I 14H06009	MAINSTAY	2.28 G	89
14H05723	MANPOWER	2.25 G	89
1H02531	HEFTY	2.25 G	89
29H013991	RUBLE	2.23 G	90
250H0902	WILLROCK	2.23 G	85
91H04607	CUPID	2.23 G	81
29H014414	BRUNO *BY	2.23 G	77
250H0903	WILDTHING	2.22 G	85
200H03648	CHELIOS	2.22 G	81
99-I 200H05730	ERAGON	2.18 G	83
95-I 97H06210	ROPPA	2.18 M	82
7H09925	YANCE	2.17 G	89
29H014062	GILLESPIY *BY	2.16 G	92
76H0607	ELITE	2.16 G	78
14H05896	ATTRACTION	2.15 G	91
99-I 7H010003	MARLEY	2.15 G	87

Top 50 Ranked Feet and Legs*			
NAAB	Name	F & L	Rel.
29H013754	SANDERSON	3.31 G	92
7H010052	TIME	3.11 G	94
14H05936	DOM *BY	3.00 G	92
29H010493	BURT	2.99 G	99
7H09107	DURABLE *RC	2.98 G	91
94H0863	ARUDOLF-RED	2.94 G	95
6H01126	ROCKWELL	2.94	82
202H0290	JOTAN-RED	2.88 M	89
96-I 97H07267	IMPROVER	2.88 G	85
29H013832	BASIL	2.82 G	89
29H013536	PRENTICE	2.81 G	91
29H013291	MAURY	2.79 G	93
29H013083	GARRETT	2.77 G	93
29H014142	DORCY *BY	2.76 G	90
200H03648	CHELIOS	2.74 G	81
200H0528	JETT AIR	2.72 G	90
N/A 624H08696	TRUMAN	2.66 M	69
14H04924	KRAMER	2.65 G	92
1H02683	SEBASTIAN	2.53 G	87
99-N 1H08784	FREDDIE	2.50 G	94
29H014168	ASPEN	2.48 G	86
99-I 1H02682	SUREFIRE	2.47 G	86
98-I 11H010256	DANIEL	2.46 G	85
29H013846	TRIGGER	2.45 G	91
151H0459	BRIGADE	2.45 G	84
29H014414	BRUNO *BY	2.44 G	77
200H05929	BRAWLER	2.43 G	86
N/A 97H07925	NAVARRO	2.41 M	78
98-I 29H014196	MACHINE	2.40 G	87
11H010334	BUENO	2.37 G	90
97-I 7H09230	JOCK	2.35 G	93
7H09545	HERO	2.34 G	92
29H013618	MOBILE	2.32 G	92
1H09167	O-STYLE	2.30 G	92
29H013250	STRATEGIST	2.30 G	92
99-I 1H09593	PILOT	2.29 G	92
76H0581	EXPLODE	2.29 G	85
11H010392	RAZOR	2.27 G	82
7H010000	APPLE-RED	2.26 G	92
536H0355	PERFORMER	2.22 G	81
91H04607	CUPID	2.22	81
97H08718	YANK	2.21 G	85
7H010176	AL	2.20 G	95
29H013616	GARMAN	2.20 G	91
7H09990	DWIGHT	2.20 G	90
11H010360	AVALON	2.20 G	85
N/A 624H06605	OMBIS	2.20 M	71
1H02531	HEFTY	2.16 G	89
98-I 29H013685	KNIGHT	2.16 G	83
76H0607	ELITE	2.16 G	78

Top 25 Ranked by Productive Life*			
NAAB	Name	PL	Rel.
99-N 1H08784	FREDDIE	7.3 G	86
1H08778	SUPER	7.3 G	86
29H011614	JEEVES	7.1 G	94
N/A 508H010272	JEVON	7.0	96
1H08777	AWESOME	7.0	86
14H06033	MASSIVE	6.9 G	81
1H09103	CABHI	6.8 G	87
29H014142	DORCY *BY	6.7 G	84
536H0322	JANCE	6.5 G	84
14H06132	DIGGER	6.5 G	81
1H09167	O-STYLE	6.2 G	87
29H013846	TRIGGER	6.2 G	84
99-I 29H013911	INGENIOUS	6.2 G	83
99-I 1H02730	ICEMAN	6.2 G	80
6H01152	ZADE	6.1 M	93
7H08946	ROLAND	6.1 G	86
99-I 1H02611	SEQUOIA	6.1 G	83
200H0528	JETT AIR	6.0 G	83
99-I 14H06009	MAINSTAY	6.0 G	83
147H01231	DOMAIN	6.0 G	82
97-I 7H09230	JOCK	5.9 G	87
7H08081	PLANET	5.7 G	95
1H02683	SEBASTIAN	5.6 G	84
14H05980	MERLIN	5.6 G	83
7H010000	APPLE-RED	5.5 G	83
Top 25 Ranked by Somatic Cell*			
NAAB	Name	SCS	Rel.
N/A 198H0113	PRINCE	2.44 G	89
14H05980	MERLIN	2.46 G	85
99-I 1H02730	ICEMAN	2.47 G	80
29H014136	MURDOCK	2.48 G	86
93-I 249H045909	TORLAN	2.48 M	81
1H09208	SHAMPOO	2.49 G	97
1H09527	MASSEY	2.49 G	95
14H05388	HAVEN	2.49 G	89
536H0355	PERFORMER	2.50 G	82
29H013343	GABLES	2.51 G	91
54H0345	PRAISES	2.53 G	83
N/A 204H01705	LEIF	2.54 G	94
7H010052	TIME	2.54 G	94
6H01124	TYCOON-RED	2.54	93
7H09511	TORO *BY	2.54 G	88
1H06833	TRES	2.55 G	99
1H08777	AWESOME	2.55 G	93
29H011909	HAYDEN	2.56 G	97
29H013536	PRENTICE	2.56 G	89
98-I 11H010256	DANIEL	2.56 G	84
N/A 97H07999	ODIN	2.56 M	72
29H014142	DORCY *BY	2.57 G	88
96-I 1H09528	BUCKO	2.57 G	88
14H06132	DIGGER	2.57 G	82

Top 25 Sires for Pregnancy Rate			
NAAB	Name	DPR	Rel.
29H013053	MCCORMICK	3.3 G	85
97-I 236H0599	OLFERT	3.2 M	71
29H011942	JUNCTION	3.1 G	90
N/A 236H0583	OCEAN	3.1 M	65
29H013537	OWEN	2.9 G	83
29H013553	STONEWALL	2.9 G	82
N/A 11H010356	BACHMAN	2.8 G	82
96-I 236H0597	COSTA	2.8 M	75
1H07169	LOTTO	2.7 G	98
N/A 508H010272	JEVON	2.6	95
1H08777	AWESOME	2.6 G	83
81-I 246H0820	S ROSS	2.6 G	80
14H05723	MANPOWER	2.6 G	77
1H09167	O-STYLE	2.5 G	90
7H08559	BOGART	2.5 G	89
29H013343	GABLES	2.5 G	85
7H010072	RUSSELL	2.5 G	82
1H02683	SEBASTIAN	2.5 G	82
94H0863	ARUDOLF-RED	2.4 G	90
29H011993	FOCUS *BY	2.4 G	85
29H014132	ARTHUR	2.4 G	82
29H013891	GAFFNEY	2.4 G	81
98-I 29H014141	DELGADO	2.4 G	79
7H07615	COLBY	2.3 G	99
93-I 97H01608	CHASSEE	2.3 M	95
6H01124	TYCOON-RED	2.3	83
Top 25 Sires for Conception Rate*			
NAAB	Name	SCR	Rel.
29H013665	ALTIMA	4.3 G	90
99-I 1H02473	BOUTLAND	4.0 G	97
147H01231	DOMAIN	3.9 G	98
1H09390	PADLOCK	3.9 G	75
1H02509	FLAWLESS	3.6 G	96
99-I 1H02611	SEQUOIA	3.5 G	98
1H09728	CARCAJOU	3.4 G	98
7H010000	APPLE-RED	3.4 G	94
96-I 1H09528	BUCKO	3.2 G	99
1H02531	HEFTY	3.1 G	99
1H08812	MARCELLUS	3.0 G	99
29H013366	BEACON	3.0 G	99
99-I 1H02730	ICEMAN	3.0 G	98
1H06833	TRES	2.9 G	99
1H08778	SUPER	2.8 G	99
1H02571	COLE	2.8 G	99
1H09208	SHAMPOO	2.7 G	99
7H010052	TIME	2.7 G	99
29H012209	SHOTTLE	2.7 G	99
29H013360	YEN	2.7 G	82
7H09879	SPEARMINT	2.6 G	99
1H09092	LAZARITH	2.6 G	99
7H09107	DURABLE *RC	2.6 G	99

Top Sires for Sire Calving Ease*			
NAAB	Name	Sire CE	Rel.
44H0367	PAYTON *BL	3 G	75
200H0402	MANIFOLD	4 G	99
1H08654	LOYDIE	4 G	99
11H09956	LOCKLYN	4 G	99
11H09624	ESQUIRE	4 G	99
14H04956	DOTSON	4 G	99
14H06132	DIGGER	4 G	96
29H013250	STRATEGIST	4 G	96
99-I 1H02665	SULLY	4 G	96
7H09501	OLEGANT	4 G	89
99-I 97H06884	TYSON	4 M	72
99-N 1H08784	FREDDIE	5 G	99
1H08777	AWESOME	5 G	99
98-I 1H09952	KARSTEN	5 G	99
29H013083	GARRETT	5 G	99
99-I 29H013219	DOVER	5 G	99
1H08658	LOGAN	5 G	99
7H010052	TIME	5 G	99
29H011942	JUNCTION	5 G	99
11H010346	JENKINS	5 G	99
29H011993	FOCUS *BY	5 G	99
99-I 1H09593	PILOT	5 G	99
11H09317	OTTO	5 G	99
1H02729	EDEN	5 G	99
7H09222	SHOT	5 G	99
203H0376	ERNESTO	5 G	99
14H04916	JAKE	5 G	99
29H013162	GERARD	5 G	99
7H08946	ROLAND	5 G	98
29H013664	LEVI	5 G	98
14H05016	WILK	5 G	98
29H013291	MAURY	5 G	97
96-I 1H09528	BUCKO	5 G	95
29H013537	OWEN	5 G	95
99-I 14H05359	CARS	5 G	95
98-I 29H013566	HOWARD	5 G	93
98-I 506H0114	REVOLUTION	5 G	83
138H04745	MONSTER *RC	5 G	82
29H013796	PONDER	5 G	82
N/A 11H010356	BACHMAN	5 G	81
99-I 7H010003	MARLEY	5 G	79
97H08729	GOLI	5 M	78
95-I 97H06814	FICTION *RC	5 M	77
N/A 199H0150	COLOMBIANO	5 G	72
97H08569	FANTAST	5 M	70
N/A 97H08244	REFINER	5 M	61

Note: Three bulls tied at 2.58.

Note: Five bulls tied at 2.5.

* In order for Holsteins to appear on lists, they must be in the Top 40 percentile for Net Merit, \$379 NM. All Holstein bulls come from 100 percent Registered Holstein Ancestry (RHA) unless noted.

Jersey top bulls

Brown Swiss Top 20 PPR Bulls

Top 50 Ranked by Net Merit \$

NAAB	Name	NM\$	Rel.
200JE60	RENEGADE	712 G	79
236JE146	ZUMA	654 G	76
7JE1010	VICTORY	651 G	80
29JE3624	VERNON	647 G	79
14JE537	LOTTO	616 G	80
14JE473	LOUIE	553 G	91
29JE3647	VIBRANT	530 G	77
29JE3506	LEGAL	527 G	88
29JE3615	JUPITER	524 G	82
11JE921	KILOWATT	516 G	86
1JE648	SF	515 G	82
1JE711	PLUS	506 G	79
11JE1000	ACADEMY	494 G	81
228JE105	JASBUNGY	493 M	87
236JE148	BROILER	488 G	75
7JE935	HOLLOW	485 G	85
7JE1100	KANOO	481 G	84
11JE928	ABBOTT	477 G	84
7JE1001	BONAR	466 G	78
236JE3	IMPULS	460 G	99
1JE654	ALLSTAR	451 G	88
200JE986	VENERABLE	451 G	80
29JE3616	STRUNK	447 G	84
1JE798	BRAVEHEART	445 G	72
29JE3630	MAGNIFICO	430 G	79
11JE1017	MYSTIC	428 G	69
203JE607	MAXIMUM	426 G	98
29JE3642	GATSBY	425 G	72
1JE672	GOOSE-PR	420 G	78
11JE978	KARBALA	416 G	86
200JE455	UPPERCUT	415 G	76
7JE821	SPECTACULAR	409 G	85
29JE3508	LYNDON	405 G	85
14JE533	VITO	404 G	76
200JE338	PRO-P	397 G	76
11JE944	PAUL	396 G	84
11JE926	CYRUS	392 G	84
29JE3593	AMOROUS	391 G	83
14JE472	ALEXANDER	385 G	92
203JE927	MAGNUM	384 G	69
236JE129	TIM	382 M	67
236JE124	TOPHOLM	373 M	75
11JE1022	SPARKY	365 G	70
200JE40	MAGNUM	363 G	81
29JE3542	BALLARD	358 G	83
14JE519	LINCOLN	355 G	84
7JE962	SUCCESS	347 G	83
236JE149	ZAGA	347 M	61
1JE750	CECIL-P	345 G	75
14JE509	LIAM	342 G	84

Top 25 Ranked by JPI

NAAB	Name	JPI
29JE3624	VERNON	260 G
200JE60	RENEGADE	251 G
7JE1010	VICTORY	230 G
29JE3647	VIBRANT	216 G
29JE3615	JUPITER	215 G
236JE146	ZUMA	213 G
1JE711	PLUS	208 G
14JE533	VITO	205 G
29JE3506	LEGAL	202 G
14JE537	LOTTO	199 G
14JE473	LOUIE	197 G
11JE944	PAUL	187 G
11JE928	ABBOTT	186 G
29JE3642	GATSBY	185 G
1JE672	GOOSE-PR	176 G
236JE3	IMPULS	175 G
11JE921	KILOWATT	173 G
1JE648	SF	173 G
7JE1100	KANOO	173 G
1JE798	BRAVEHEART	173 G
200JE986	VENERABLE	170 G
7JE1001	BONAR	169 G
11JE1000	ACADEMY	167 G
29JE3616	STRUNK	161 G
14JE509	LIAM	161 G

Top 25 genomic-only by Net Merit \$

NAAB	Name	NM\$	Rel.
29JE3791	HILARIO	770 G	59
29JE3761	VISIONARY	708 G	61
11JE1114	PERFORM	698 G	62
1JE792	MACHETE	687 G	56
11JE1118	MARVEL	681 G	54
7JE1150	DIGNITARY	673 G	60
147JE6209	MEGATRON	673 G	58
7JE1170	DENZEL	661 G	59
1JE803	SCORE	657 G	59
29JE3762	VOLCANO	654 G	61
7JE1149	DIMENSION	653 G	59
80JE4019	ASCOT	651 G	58
1JE791	DIVIDEND	649 G	59
203JE1253	REBELLION	642 G	61
203JE1238	MARSHAL	642 G	57
11JE1098	CRITIC-P	641 G	61
14JE582	HARDWOOD	640 G	57
29JE3768	DAYBREAK	632 G	60
1JE785	PERCIVALE	632 G	60
147JE6207	CLARK	632 G	58
200JE183	DAVID	631 G	59
147JE6198	ARRIVAL	631 G	58
7JE1151	GALVANIZE	629 G	60
7JE1190	FASTRACK	625 G	60
535JE2	RAWLS	624 G	39

Name of Bull	NAAB Code	Selection Indexes				Production-related PTAs						Type Data				
		NM\$	Rel.	CM\$	PPR	lbs.M	lbs.P	%P	lbs. F	%F	Rel.	SCS	PL	PTAT	Rel.	
HILLTOP ACRES H DRIVER ET	14BS314	619	84	701	234	1020	48	0.06	58	0.07	94	2.89	4.8	G	-0.3	89
ETLAR	54BS504	489	74	477	211	1980	53	-0.05	54	-0.10	84	2.87	3.1	G	-0.5	66
PAYSSLI ET	504BS51	470	74	517	199	1088	41	0.02	43	0.00	82	2.80	3.3	G	0.6	71
COZY NOOK BEAMER TORCH	54BS437	503	79	595	194	514	37	0.09	50	0.13	88	2.96	4.0	G	0.3	85
SCHARZ BS PRESIDNT ALIBABA	196BS13193	479	74	561	188	494	32	0.07	34	0.06	80	2.82	4.9	G	0.0	69
R N R PAYOFF BROOKINGS ET	54BS438	509	80	594	183	395	27	0.06	34	0.08	88	2.62	4.8	G	1.0	86
SDF ETVEI CARL ET	54BS453	284	66	354	173	817	37	0.04	42	0.05	70	2.69	0.2	G	0.7	64
TRIANGLE ACRES POMERE ET	54BS392	320	80	319	152	1395	42	-0.02	55	0.00	89	3.13	0.0	G	-0.5	82
SUN-MADE VIGOR ET	54BS374	457	93	504	146	377	19	0.03	0	-0.06	98	2.68	7.3	G	0.7	97
OLSONS MEL ZEUS MOJO ET	54BS447	307	77	320	139	717	19	-0.03	32	0.02	86	2.60	2.1	G	0.4	77
KULP GEN PRONTO DALLY ET	14BS320	271	84	329	139	451	26	0.05	16	-0.01	92	2.87	3.5	G	0.9	81
KULP-GEN SCIPIO DON	14BS340	276	73	342	131	290	24	0.07	43	0.14	80	2.97	1.3	G	0.8	63
SUN-MADE GARBRO PERCY ET	11BS673	365	77	360	123	737	19	-0.02	28	-0.01	85	2.93	4.4	G	0.9	76
OLSON MEL SCIP EMERGENCY	14BS341	283	75	337	122	147	15	0.05	34	0.13	82	2.82	1.6	G	0.6	71
ELK CREEK ACE EDDIE ET	1BS553	362	86	366	112	655	16	-0.03	5	-0.09	95	2.68	4.9	G	0.1	84
SUN-MADE GARBRO VANGUARD	29BS3807	308	81	308	109	720	18	-0.02	24	-0.03	91	2.79	3.4	G	0.1	75
VICTORY ACRES SIMON EVEN ET	76BS900	428	97	511	107	-284	4	0.06	-7	0.02	98	2.41	5.6	G	-0.1	98
NEW VIEW D PROMOTION ET	14BS329	171	83	158	101	1091	26	-0.04	18	-0.11	91	2.78	0.9	G	0.7	81
DARITA DYNASTY PLAINTIFF ET	29BS3805	109	80	155	93	305	20	0.04	53	0.19	89	2.96	-1.0	G	0.0	78
VETSCHS DENTESSO CAFINO	196BS13352	5	69	49	93	825	33	0.03	35	0.01	75	2.89	-2.7	G	-0.4	62

Red and White Top 20 Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes				Production-related PTAs						Type Data				
		NM\$	Rel.	CM\$	TPI	lbs.M	lbs.P	%P	lbs. F	%F	Rel.	SCS	PL	PTAT	Rel.	
TOP 10 RED AND WHITE BULLS RANKED BY NET MERIT																
JERUDO-RED	624WW2393	417	78	531	1758	85	30	0.11	55	0.20	86	2.74	3.0	G	0.33	79
HEIHOEVE ARNOLD-RED	97WW6014	417	75	543	1693	-763	8	0.12	25	0.21	82	2.90	4.7	M	-0.17	80
BIG APPLE-RED-ET	7WW10000	416	89	605	1879	-1284	5	0.18	33	0.32	96	2.77	5.5	G	2.53	92
FRITZ-PRIDE TYCOON-RED-ET	6WW1124	410	89	366	1731	21	-10	-0.04	3	0.01	97	2.54	5.4		0.58	92
KAMPS-HOLLOW ARUDOLF-RED-ET	94WW863	386	94	423	1819	-674	-10	0.04	37	0.24	98	3.05	3.3	G	1.73	95
JOTAN-RED-ET	202WW290	384	88	509	1916	-380	19	0.12	34	0.19	95	3.04	4.4	M	1.92	89
MI-RO-ZE MRMX MATRIX-RED-ET	1WW8910	383	92	395	1829	800	21	-0.01	-4	-0.13	97	2.61	4.2	G	0.72	92
OAKLEIGH ALTAHOKA-RED-ET	11WW551	383	83	383	1721	559	16	0.00	22	0.01	88	3.00	4.5	G	0.67	83
TABLEAU-RED	624WW6966	383	71	503	1756	277	37	0.11	10	0.00	80	2.95	4.8	G	0.86	74
DELTA FIDELITY-RED	97WW6923	352	73	528		-13	42	0.16	59	0.23	81	3.04	1.6			
TOP 10 RED FACTOR BULLS RANKED BY NET MERIT																
SANDY-VALLEY CLUE-ET *RC	7WW9555	485	85	551	1923	790	35	0.04	40	0.05	90	2.67	3.1	G	1.16	89
RONELEE SS DURABLE *RC	7WW9107	460	89	449	1944	752	14	-0.03	55	0.11	94	2.58	2.9	G	2.29	91
STELSE O MAN MONSTER *RC	138WW4745	458	83	535	1775	87	20	0.07	50	0.18	88	2.91	3.9	G	-0.09	80
FICTION *RC	97WW6814	415	78	464	1764	660	31	0.04	38	0.05	84	2.74	2.2	M	-0.18	82
DELTA NEARBY *RC	97WW7937	400	72	462	1648	503	30	0.06	43	0.09	81	2.69	2.3	M	-0.50	76
HEATHERSTONE-V REDWOOD *RC	76WW330	387	94	410	1642	378	12	0.00	20	0.02	98	2.63	4.3	G	-0.29	94
WELCOME MARMAX GOLDEN-ET *RC	1WW8890	359	88	307	1778	1704	37	-0.05	28	-0.13	93	2.99	3.6	G	0.79	90
KHW ELM-PARK ACME-ET *RC	151WW477	334	93	397	1904	14	17	0.06	28	0.11	97	3.09	3.7	G	2.78	96
SCIENTIFIC DESTROY-ET *RC	94WW13666	321	92	428	1896	-476	9	0.09	-3	0.06	98	2.78	4.0	G	2.96	96
KHW REDBULL *RC	94WW13637	312	91	421	1739	-243	16	0.09	21	0.11	96	2.74	3.2	G	1.50	92

The Top 10 Red and White and the Top 10 Red Factor lists were compiled by the Red and White Dairy Cattle Association (RWDCA). All of the above 20 bulls are registered in the RWDCA herdbook as of August 13, 2012. Red and Whites must be over 60 reliability.

*PR=Second generation grade-up Jersey. *GR=Third generation grade-up Jersey. *RC=Red Carrier P=Polled G=Genomic tested M=MACE

Explanation of the headings . . .

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

NAME OF BULL — Bull's registered name.

NAAB CODE — A three-part code. A number before the letter either indicates the stud code or marketing code number. Please see www.naab-css.org/membership/coding.html for a complete explanation. The letters indicate breed, the number following the letters is individual bull identification number.

LIFETIME NET MERIT - NM\$ — Combines PTAs for 9 traits in Holsteins and Brown Swiss. In the other breeds, 8 traits are used because there is no calving ability index available. The values go up slightly for each trait in those four breeds. The index gives the following weighting for Holsteins and Brown Swiss: Productive Life, 22; Fat, 19; Protein, 16; Daughter Pregnancy Rate, 11; Somatic Cell Score, -10; Udder, 7; Body Size, -6; Calving Ability, 5; and Feet and Legs, 4.

CHEESE MERIT - CM\$ — Combines PTAs for 10 traits in Holsteins and Brown Swiss. In the other breeds, 9 traits are used because there is no calving ability index available. The values go up 1.04 for each trait in those four breeds. The index gives the following weighting for Holsteins and Brown Swiss: Protein, 25; Productive Life, 15; Milk, -15; Fat, 13; Somatic Cell Score, -9; Daughter Pregnancy Rate, 8; Udder, 5; Body Size, -4; Calving Ability, 3; and Feet and Legs, 3.

FLUID MERIT - FM\$ — Combines PTAs for 9 traits in Holsteins and Brown Swiss. In the other breeds, 8 traits are used because there is no calving ability index. The values go up 1.06 for each trait in those four breeds. The index gives the following weighting for Holsteins and Brown Swiss: Productive Life, 22; Fat, 20; Milk, 19; Daughter Pregnancy Rate, 12; Udder, 7; Somatic Cell Score, -5; Calving Ability, 5; Body Size, -6; and Feet and Legs, 4.

REL. — Reliability indicates the accuracy of genetic 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 27 PTA Protein, 16 for PTA Fat, 12 Udder Composite, 11 Daughter Pregnancy Rate, 10 PTA Type, 9 PTA PL, 6 Foot and Leg Composite, minus 5 PTA SCS, minus 2 Daughter Calving Ease, minus 1 PTA Dairy Form and minus 1 Daughter Stillbirth.

JPI Jerseys — Jersey Performance Index is a value that is determined by placing an emphasis of 42 for PTA Protein; 15 for PTA Fat; 15 for FTI (Functional Trait Index); and 12 for PTA PL (Productive Life), 10 for PTA DPR (Daughter Pregnancy Rate), and minus 6 for PTA SCS

(Somatic Cell Score). **PPR Brown Swiss** — The Progressive Performance Ranking (PPR) is calculated with an emphasis of 44 for PTA Protein, 18 for PTA Fat, 12 PL, 10 Udder Composite, minus 8 PTA SCS, 4 DPR and 4 for Foot and Leg Composite. **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 an average daughter of another bull with a proof of zero. The genetic base, called PTA 05, was selected so half the cow population will have positive PTAs. It was established by setting to zero the weighted average PTAs of all cows born in 2005.

PTA SCS — Predicted Transmitting Ability-Somatic Cell Score is expressed in somatic cell score units. For somatic cell score, lower units are better. Research has shown that the lowest incidence of clinical mastitis and the fewest number of mastitis episodes occurred among daughters of bulls with the lowest PT A-SCS, and the mastitis measures increased with increasing PTA-SCS. A one-point increase in the sire's PTA-SCS was associated with a 75 percent increase in daughter's mastitis incidence in both first and second lactation.

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: Udder Depth, 35 percent; Rear Udder Height, 16 percent; Fore Udder Attachment, 16 percent; Rear Udder Width, 12 percent; Udder Cleft, 9 percent, Rear Teat Placement, 7 percent, and Front Teat Placement, 5 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: Foot Angle, 24 percent; Rear Legs, Rear View, 18.5 percent; Rear Legs, Side View, 7.5 percent; and 50 percent Feet and Leg Breakdown.

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. **Sire Still-birth** is the tendency of newborn calves sired by a particular bull when mated to heifers to be born dead or die within the first 48 hours after birth. Bulls with lower numbers sire more live calves.

Guernsey Top 10 Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes				Production-related PTAs						Type Data			
		NM\$	Rel.	CM\$	PTI	lbs.M	lbs.P	%P	lbs. F	%F	Rel.	SCS	PL	PTAT	Rel.
SNIDERS RONALDS ALSTAR	7GU398	530	78	498	167	1126	25	-0.06	49	0.00	90	3.02	5.2	0.5	88
MYOWN POKER BINGO-ET	200GU111	522	71	554	140	715	29	0.03	47	0.09	84	2.71	4.9 M	-0.2	71
GOLDEN J RONALD GRUMPY	7GU405	478	74	498	153	618	23	0.02	41	0.08	88	2.86	5.5	1.2	83
LES JAONNETS CARA CONQUEROR	31GU629	411	51	312	165	1651	24	-0.16	70	-0.02	71	2.78	2.7 M	-0.2	8
SPRING WALK SHERBERTS MINT	7GU434	388	56	461	125	43	19	0.10	22	0.12	70	2.75	3.9	1.0	61
PINE RIDGE DOUBLE L	200GU109	360	76	332	93	26	-6	-0.04	30	0.17	89	2.69	5.3 M	1.4	73
GOLDEN J LES GEORGE	1GU434	338	68	324	135	561	13	-0.03	44	0.11	84	2.90	3.4	1.4	79
VILLA CREST MONARCH	31GU616	333	50	322	91	94	0	-0.02	16	0.07	67	2.83	4.3	0.7	55
INDIAN ACRES AMERICAN PIE	31GU618	319	67	318	71	-129	-4	0.00	-6	0.00	85	2.84	5.6	1.0	77
OAK KNOB MAXIE LAREDO	7GU455	308	49	287	121	722	16	-0.04	16	0.07	64	2.94	2.5	0.6	62

Ayrshire Top 10 Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes				Production-related PTAs						Type Data			
		NM\$	Rel.	CM\$	PTI	lbs.M	lbs.P	%P	lbs. F	%F	Rel.	SCS	PL	PTAT	Rel.
ANMAR PETER POWER-ET	7AY87	670	54	696	591	1802	59	0.01	84	0.07	74	2.78	4.7	-0.3	45
HAUTPRE KANSAS	200AY643	635	61	692	586	1258	50	0.06	78	0.15	78	2.89	4.9 M	0.3	57
KILDARE PERCY-ET	200AY622	506	62	520	609	2302	71	-0.01	81	-0.04	78	2.56	-0.9 M	0.1	58
MAYO RF QUINNELLA	190AY15	486	36	523	542	1503	53	0.03	84	0.13	57	2.91	1.7	-1.1	9
KELLCREST HUMOUR	200AY328	474	70	517	515	552	26	0.05	40	0.10	83	2.80	3.7 M	0.2	65
PALMYRA JERRY BENDIG	200AY922	456	73	448	536	1310	36	-0.02	58	0.04	84	2.83	3.6 M	0.8	64
JELYCA OBLIQUE	200AY329	431	62	436	545	934	29	0.00	60	0.13	80	2.86	2.9 M	0.9	57
PALMYRA TRI-STAR BURDETTE	7AY84	412	85	439	542	737	28	0.03	25	-0.02	95	2.69	2.9	2.1	91
KILFENNAN CHALLENGE	190AY4	385	71	472	521	841	46	0.10	68	0.19	87	3.11	1.4 M	-0.8	56
MAPLE-DELL MODEM DREW-ET	14AY27	383	47	426	529	705	31	0.05	40	0.07	67	2.66	2.6	1.0	51

Milking Shorthorn Top 5 Net Merit Bulls

Name of Bull	NAAB Code	Selection Indexes				Production-related PTAs						Type Data			
		NM\$	Rel.	CM\$	PTI	lbs.M	lbs.P	%P	lbs. F	%F	Rel.	SCS	PL	PTAT	Rel.
GE PANORAMA ROYAL TREBLE	14MS112	658	62	731	312	1782	70	0.08	101	0.19	83	2.70	1.3	0.1	60
KULP-GEN JURIST ACE-ET	7MS346	486	68	559	180	517	33	0.10	80	0.35	86	3.01	3.5	0.2	67
BLISSFUL TED'S SPURGEON-ET	14MS113	292	52	269	113	982	23	-0.04	35	-0.01	68	2.87	2.1	0.1	41
VINRA ACADEMY FIDO	76MS500	261	59	248	120	1065	28	-0.03	37	-0.01	72	3.05	1.4	0.4	49
VINRA BAR-D FAMOUS-TWIN	76MS49	256	80	267	107	723	24	0.01	22	-0.03	91	3.07	2.9	0.4	81