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A.I. Sire Summary

Michigan State University

Cooperative Extension Service

Farm Science Series

Department of Animal Science Staff: Ted Ferris & Clyde Anderson.

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# A.I. Sire Summary

This report contains the latest USDA-DHIA genetic evaluation on 353 sires. These are proven sires with semen available through each of the five studs (MABC, Curtiss, Carnation, ABS, Midwest) at the time this bulletin was printed.

Sires are ranked in this bulletin by the expected differences of their future daughters and their herdmates as expressed by the Predicted Difference value for income (PD\$\$). The PD\$\$ combines economic aspects for both milk and fat. Due to the increasing average merit and number of sires available, we culled those Holstein bulls with PD\$\$ less than \$125 and bulls of other breeds with PD\$\$ less than \$75.



By Dept. of Animal Science Staff: Ted Ferris and Clyde Anderson

## NOTE

Dairymen using these sire rankings as an aid for choosing bulls need to exercise caution. In addition to a bulls' ability to improve production, you consider price per dose of semen, conception rate, and the physical traits of his daughters. Through the purchase of several bulls rather than one you can influence the price per dose, reduce the risk of poor conception, and have some choice when mating your cows.

Most of you accomplish the above by either setting some average PD for the bulls you use, or some minimum level of PD for your herd. The practice is sound, but you must move your standards up at least once a year or you will not accomplish your goal.

Production per cow in Michigan has increased 1,619 lb during the last three years. Part (most!) of this is due to the bulls you have used. The genetic change has not been adjusted for in the sire summaries since 1974. All sire summaries are labeled PD-74.

We suggest moving your standards for PD milk up at least 100 lb per year.

## Explanation of Headings

REGISTRATION NUMBER and CODE NAME of sire.

STUD CODE for technicians.

NO. HERDS in which records were made.

NO. DAUS. with production records.

PCT. INC. (percent 1st cull) represents the portion of a sire's daughters which were removed from the herd before completing a first lactation.

PCT. RIP. (percent records-in-progress) denotes the portion of a sire's daughter-records on in-process lactations.

PCT. RPT. (percent repeatability) is an index value which measures the reliability of the PD considering the number of daughter records and its distribution over herds.

PREDICTED DIFFERENCE is to be used to measure the sire differences in ability to transmit production potential. Predicted Differences indicates the amount of MILK, PCT (% test), FAT, and \$\$\$ (dollar value) that future daughters of a sire are expected to differ from their herdmates of zero PD bulls. Prices used were \$11.5 per cwt for 3.5% milk with an 14.2 cent fat differential. The dollar value is the difference in gross value of product that should return per lactation.

### Summary of A.I. Sires Recommended to Michigan Dairymen

Breed	No. Bulls	PD Milk	PD%	PD Fat	PD \$\$	% Rpt
Ayrshire	3	1020	-.09	30	117	88
Guernsey	35	1255	-.21	42	152	69
Holstein	272	1411	-.06	41	162	65
Jersey	21	1059	-.11	39	135	79
Brown Swiss	22	1094	-.05	37	134	54

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
AYRSHIRE											
CURTISS											
134172	GEMINI	40A0434	160	363	13	8	94	943	-.13	22	99
A B S											
130772	JUMBO	29A7615	61	155	10	38	83	1401	-.09	45	167
136088	SUPER STAR	29A7616	90	210	6	25	88	716	-.05	23	85
GUERNSEY											
M A B C - SELECT SIRES											
579953	B. MAVERICK	761038	387	1522	12	36	98	1184	-.07	49	159
583873	PATRICIAN	761030	53	116	11	23	84	1213	-.11	46	156
585495	PREMIER	761036	76	164	7	3	88	1000	-.08	55	156
577980	CHIEFS BILLY	760529	111	267	14	8	91	1027	-.05	43	139
579293	T C CHIEF	760129	71	129	16	25	85	1131	-.18	35	133
589545	TOP ROE	760156	77	170	11	48	86	1003	-.10	37	127
583872	FANCY	760142	83	181	12	3	89	1005	-.17	30	116
MIDWEST BREEDERS											
589104	FANTASTIC	2160251	5	14	***	0	37	796	-.05	33	107
587076	JAMAICA	2160249	15	35	7	12	58	856	-.10	30	106
589690	TOP DOLLAR	2160243	73	127	14	55	82	1031	-.36	12	89
CURTISS											
585136	BART	4061001	139	399	17	24	93	1013	-.01	47	144
577154	FLASH	4061008	65	154	17	36	86	1081	-.15	36	131
A B S											
586731	TELESTAR	2960796	160	294	12	9	93	1400	-.06	60	191
590165	CHOICE	2960811	17	19	***	79	44	1394	-.10	55	183
589754	KING HENRY	2960830	2	11	***	60	19	1417	-.18	48	173
583550	FABIAN	2960788	160	426	19	31	93	1096	-.01	51	156
589456	JUPITER	2960808	124	215	13	58	89	1337	-.24	38	152
585588	TOP PILOT	2960792	71	158	19	8	87	1287	-.27	32	138
586569	EXTRA	2960798	50	88	10	9	82	697	.05	38	108
580919	FAYVOR	2960784	824	3744	14	19	99	600	.00	28	86
588800	FERNELL	2960806	60	86	***	68	77	677	-.13	19	76
JERSEY											
M A B C - SELECT SIRES											
623158	SAINT	7J0123	11	23	0	0	53	2040	-.50	49	217
623330	MAGIC	7J0121	18	51	12	22	62	1601	-.25	55	197
613173	SAMSON	7J0102	698	3517	7	38	99	1468	-.22	52	183
623660	POET	7J0127	11	63	6	32	62	1419	-.19	52	180
627500	SARGENT PLUS	7J0108	58	90	***	83	78	1220	-.08	54	170
617287	EARL	7J0112	59	110	***	71	80	1213	-.30	31	132
620963	LAD	7J0093	26	48	8	3	71	781	-.01	40	117
619366	HERITAGE	7J0090	19	48	22	0	67	883	-.13	32	111
617178	DAIRYMAN	7J0085	33	57	17	25	74	939	-.27	21	97
MIDWEST BREEDERS											
626412	SUCCESS	21J0323	22	39	12	29	63	1275	-.12	52	170
617247	DUKE	21J0326	25	96	9	50	65	839	.01	43	126
CURTISS											
615053	VIRGINIAN	40J0564	339	1160	10	25	97	1217	-.27	34	137
624749	TRISTRAM	40J0578	20	32	***	42	56	1011	-.20	31	118
GENETICS - CARNATION											
619994	STARN GENERAL	11J0317	76	236	3	41	88	1909	-.38	56	219
621875	MASTER C	11J0353	6	46	0	13	48	1632	-.15	67	218
628368	RULER	11J0328	10	14	***	100	37	1415	-.18	53	181
627852	ADAM	11J0330	14	20	***	80	47	1244	-.06	57	176
627330	FALLNEVA	11J0327	37	91	4	21	77	1079	-.01	53	158
625693	QUICK PERT	11J0363	6	23	***	33	37	1131	-.23	34	131
617652	PHILS MILK BOY	24J0301	76	322	6	28	89	819	.02	43	125
628341	SOLDIER ZEV	11J0364	8	30	***	63	46	934	-.15	33	116
622671	TRISTRAM	11J0323	13	35	3	0	63	1091	-.33	22	109
617655	FAVORITE JUAN	24J0306	91	399	7	30	91	628	.09	40	107
618062	SPARKPLUG	24J0305	33	106	12	40	79	924	-.24	23	99

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
A B S											
625184	CHOCOLATE SUNDAE	29J2783	13	19	***	11	49	1804	-.40	49	201
621333	BRAVE SOLDIER	29J2791	18	61	2	20	67	1701	-.39	45	187
625825	GREAT	29J2805	9	21	***	52	44	1709	-.44	40	180
616022	BOLD TORONO	29J2788	150	380	4	70	93	1589	-.45	34	162
617923	MIDNIGHT	29J2799	81	159	4	65	85	1408	-.29	41	161
620428	JEWELER	29J2785	216	618	3	52	95	1547	-.45	32	156
622801	EXPLORER	29J2797	10	22	***	5	49	992	-.01	51	149
619853	PREDICTOR	29J2764	136	475	9	32	93	1114	-.17	39	138
622721	ADAM	29J2769	22	39	3	6	68	1132	-.19	38	138
625725	SILVER ZEV	29J2804	14	49	9	16	64	1304	-.37	28	133
624576	STARDUST	29J2770	24	41	15	10	68	903	-.07	39	124

BROWN SWISS

M A B C - SELECT SIRES											
154912	EVIL0	7B0625	166	291	9	19	93	2409	-.20	68	272
159771	KING	7B0629	135	289	6	54	91	1563	-.16	41	172
164943	KAYLE	7B0633	33	49	3	5	71	1065	-.03	39	135
161373	HARRIS	7B0630	34	47	14	8	70	786	-.07	40	118

MIDWEST BREEDERS											
171547	MATTHEW	21B0420	14	17	***	100	38	1869	-.08	65	231
163153	IMPROVER	14B0148	245	691	7	39	96	1589	-.07	55	196
166467	LANDON	21B0423	2	31	0	21	28	1214	-.08	39	145
148487	EL BRITE	21B0413	217	870	8	7	96	946	-.08	48	141
169085	SOONER	21B0432	4	23	***	32	29	1147	-.09	35	134

CURTISS											
157480	IKE	40B0357	3	17	***	0	34	837	-.07	25	97
164225	TICIAN	40B0345	15	19	***	0	47	756	-.02	28	96
162447	VICTOR	40B0354	3	32	4	0	35	689	-.01	26	88
170976	DAPPER DAN	40B0348	11	12	***	83	31	803	-.11	18	83

GENETICS - CARNATION											
169179	SULTAN	11B0517	10	19	***	47	41	766	-.04	36	110
164757	LU ANSON	11B0516	60	115	6	17	83	1033	-.15	22	105
152968	ROCKY	11B0519	27	57	7	8	71	796	-.10	20	86

A B S											
168654	CONTINUATION	29B3691	8	24	***	42	39	1203	-.03	52	165
170132	DJ	29B3666	13	21	***	52	43	1034	-.01	43	139
166802	HECTOR	29B3685	2	17	***	27	25	958	-.04	33	118
164123	JUBILANT	29B3683	2	22	***	17	26	1010	-.10	28	113
169511	MARCUS	29B3661	9	14	***	71	34	858	-.08	26	103
155075	CARSON	29B3667	14	42	11	9	57	700	-.04	33	101

HOLSTEIN

M A B C - SELECT SIRES											
1617266	NUGGET	7H0286	735	1333	12	70	98	1869	-.03	72	242
1685357	PERFECTOR	7H1109	10	25	10	12	48	2220	-.16	55	239
1556373	GLENDELL	7H0477	4348	14010	7	18	99	2039	-.07	62	238
1697572	ROTATE	7H1118	5	33	***	55	33	1912	-.02	66	236
1667366	BELL	7H0543	37	52	11	0	75	1951	-.05	63	233
1590582	WAYNE (MF)	7H0191	2167	4200	7	67	99	2208	-.19	49	228
1682467	IVAN	7H0581	37	50	10	13	73	1660	-.06	70	225
1689860	MAGNUS	7H0587	34	40	3	11	69	1931	-.09	55	219
1583197	CONDUCTOR	7H0195	3365	9154	7	37	99	1754	-.03	59	214
1665634	BOVA	7H0572	37	55	4	0	75	1987	-.14	49	213
1635843	PETE	7H0900	212	340	5	54	93	1870	-.12	48	204
1697719	STARLITE BEN	7H0694	29	38	9	32	65	1636	-.02	57	202
1690422	MIDDESSA	7H0908	4	24	***	17	36	1588	-.00	58	201
1689839	FAGIN	7H0579	26	31	0	12	63	1686	-.06	52	198
1644629	GLEN	7H0457	73	106	10	20	85	1778	-.10	48	197
1685527	LEE	7H0603	22	33	13	4	62	1773	-.10	48	197
1683955	SKY HIGH	7H1110	17	44	5	45	61	1814	-.13	45	195
1561753	WALKWAY	7H0152	933	2758	8	28	99	1814	-.14	44	193
1703462	HEILO	7H1122	6	45	17	27	44	1836	-.15	43	193
1648394	MONEYMAKER	7H0903	28	71	6	25	74	1621	-.06	50	190
1608425	CINNAMON	7H0241	538	862	8	86	97	1663	-.09	47	188
1672056	ELMER	7H1105	21	36	***	0	61	1462	-.01	55	187
1681734	JUNIPER	7H1115	16	37	0	23	60	1673	-.09	46	185
1648691	HANNIBAL	7H0473	36	54	8	10	75	1642	-.09	46	185
1666252	STAR WILLIE	7H1111	14	23	***	5	54	1725	-.14	41	183
1677435	JOSIE	7H1113	5	45	9	20	37	1448	-.00	53	183
1491007	ELEVATION	7H0058	8816	44510	5	12	99	1477	-.02	51	182

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT PPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN -CONTINUED-											
M A B C - SELECT SIRES -CONTINUED-											
1678020	LANCE	7H0556	39	48	18	5	72	1910	-.23	33	182
1690125	GAYLORD	7H0595	28	35	7	6	65	1427	-.00	52	180
1734067	MAJESTIC	7H1124	4	18	***	89	27	1419	-.00	52	180
1663720	PABST	7H2294	133	275	8	12	92	1814	-.19	35	179
1675357	FRANK	7H0561	39	49	10	5	73	1247	-.08	58	178
1701067	SUPER	7H0715	24	27	***	63	56	1491	-.06	45	173
1646886	HIGH SPOT	7H0448	24	30	***	33	64	1553	-.10	40	169
1622953	LUCKY ROYAL	7H0902	13	56	0	11	60	1493	-.08	41	167
1664286	ASTRO CHIEF	7H1120	4	20	***	41	32	1386	-.03	45	166
1590112	UK SENSATION	7H0190	1818	5109	9	44	99	1389	-.05	43	163
1697698	LUCKY	7H1121	6	26	***	25	35	1303	-.02	45	161
1626813	MARS	7H0401	56	79	11	42	79	1406	-.07	40	159
1675762	BARBER	7H1107	12	30	0	7	50	1263	-.03	42	153
1691602	NAVIGATOR	7H0626	38	54	14	18	73	1009	-.09	51	151
1660406	CINDER	7H0505	30	35	10	0	67	1603	-.21	26	150
1682881	MAJURO	7H0576	45	73	7	19	78	1223	-.02	42	150
1688842	FREE LANCER-TWIN	7H0598	23	29	5	12	60	1400	-.12	32	146
1690034	GAYETY	7H0629	25	33	14	17	61	1116	-.02	44	146
1700794	TOP SHOT-TWIN	7H0713	34	38	***	53	63	1421	-.13	31	146
1694963	TOP CHIEF	7H1117	14	20	***	26	48	1284	-.07	36	145
1632665	D K	7H0821	90	247	3	45	87	1363	-.13	30	140
1700985	APRIL	7H0696	28	33	***	31	61	1240	-.07	35	140
1634218	POSCH	7H0424	36	53	10	11	75	1187	-.05	35	137
1610590	LANCELOT	7H2111	360	786	7	45	97	1076	-.00	39	136
1701643	MADELLO	7H0735	29	44	***	75	65	881	-.10	47	135
1701764	APOLLO 2	7H1116	9	16	***	0	40	1241	-.09	31	134
1612786	CHARMING	7H0266	38	52	18	9	74	991	-.03	40	131
1667237	TRIX	7H0528	35	51	9	0	74	1082	-.03	35	130
1706418	MAGNUM	7H0720	27	38	***	66	62	1012	-.01	38	130
1595519	NATE	7H0207	409	842	12	68	97	1201	-.10	29	128
1679656	BRENT	7H0544	33	47	7	2	72	1225	-.11	28	128
1625955	ELI	7H0283	45	52	6	11	77	872	-.06	41	125
1671538	FALCON	7H1103	17	29	4	7	60	1205	-.11	27	125
MIDWEST BREEDERS											
1674245	FORD	21H0280	46	55	6	11	76	2617	-.24	55	265
1690612	VICTORIAN	21H0568	9	27	0	8	46	1911	-.01	71	244
1694652	MEDALLION	21H0333	62	68	5	38	76	1794	-.17	38	182
1711946	NERO	21H0352	40	41	***	65	64	1561	-.06	47	181
1684830	RICH	21H0478	10	59	4	8	48	1444	-.01	51	180
1651486	JUDE	21H0477	6	34	14	0	45	1432	-.01	50	177
1659308	BART	21H0270	46	56	11	2	77	1085	-.16	64	177
1687902	ANDY	21H0410	26	38	4	29	63	1581	-.10	41	173
1680681	CYRANO	21H0575	17	40	3	3	63	1068	-.14	60	169
1691711	CHIEFTAIN	21H0332	48	52	12	26	71	1462	-.06	43	168
1590708	FISK	3H0596	242	303	4	58	93	1130	-.09	55	165
1707522	JUAN	21H0341	56	57	***	66	72	1298	-.00	47	163
1689657	CHIEF	21H0301	93	108	12	3	86	1401	-.06	42	162
1710057	JOEL	21H0357	56	61	***	87	72	1229	-.02	42	151
1724935	DYNAMO	21H0378	31	35	***	100	59	1629	-.22	25	150
1598618	MILKMAKER	21H0319	678	1072	8	50	98	1598	-.22	24	146
1623662	ABEL	21H0246	821	1320	11	85	98	1077	-.03	44	144
1667149	BOOTLEG	21H0276	61	74	12	7	81	1225	-.04	38	144
1727429	FROST	21H0380	28	28	***	96	53	1236	-.06	36	142
1680921	MATMAKER	21H0303	84	96	13	7	83	1036	-.04	44	141
1664416	NEW STAR	21H0271	32	47	7	4	72	1257	-.08	33	138
1708916	BELLRINGER	21H0340	43	47	***	68	68	1165	-.03	37	138
1632849	LBG	21H0437	10	21	***	6	51	1239	-.09	31	134
1682995	JESTER	21H0291	86	116	9	7	86	949	-.05	42	132
1597608	JAY	3H0616	183	236	10	51	92	1277	-.13	27	130
1640500	TIHO	21H0436	12	38	7	18	54	1125	-.06	32	128
1681448	DUKE	21H0312	72	82	15	16	80	1112	-.06	32	127
CURTISS											
1693549	R MINUTEMAN	40H2499	15	50	0	54	60	1803	-.09	51	204
1605637	BICKEN	40H2573	168	396	7	81	92	1660	-.05	53	198
1658173	IRISH	40H2296	42	49	5	2	74	1547	-.09	42	172
1687535	DOMINANT	40H2417	17	21	***	15	52	1473	-.09	40	164
1578139	IVANHOE CHIEF	40H2119	2870	7122	8	33	99	1550	-.13	36	163
1695258	TAMLANE	40H2801	33	57	3	33	71	1523	-.12	37	162
1724611	TRENTON	40H2643	16	21	***	95	47	1350	-.03	44	162
1699192	FIRE	40H2558	10	12	***	83	35	1575	-.15	34	161
1603912	PAT	40H2563	255	615	5	74	95	1625	-.14	34	158
1671532	GRENADIER	40H2365	23	32	3	9	63	1486	-.12	36	158
1687077	BILLY	40H2437	14	16	***	7	45	1484	-.11	36	158
1645942	BUFF	40H2763	7	26	4	0	44	1572	-.17	31	156
1707240	HARTLEY	40H2561	21	27	***	89	53	1396	-.08	38	156
1665884	BILTMORE	40H2555	10	17	***	36	46	1217	-.01	45	155
1725496	POLITICIAN	40H2606	15	16	***	88	40	1050	-.09	52	155
1680011	PIN	40H2414	44	61	8	34	74	1283	-.04	41	153
1692253	CREST	40H2512	20	29	***	22	57	1594	-.19	28	153
1698925	VENTURA	40H2535	16	27	***	46	54	1333	-.06	39	153
1714200	RAMBLE	40H2532	16	24	***	58	60	1552	-.17	30	153
1613259	POLY ROYAL	40H2168	60	98	13	23	82	1227	-.01	43	152
1679466	LYLE	40H2428	20	25	***	39	54	1443	-.12	34	152
1694023	SPARTAN	40H2464	24	36	4	17	65	1443	-.12	33	151
1703247	AMOS	40H2588	9	11	***	91	33	1188	-.01	44	151
1650826	WALT	40H2283	37	51	12	5	74	1306	-.06	38	149

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
HOLSTEIN -CONTINUED-											
CURTISS -CONTINUED-											
1660702	MARBETH	40H2292	19	27	0	0	59	1373	-.10	35	149
1710540	HAMILTON	40H2607	18	25	***	84	51	1374	-.10	34	148
1644636	SONNY	33H0023	6	36	0	3	45	1239	-.04	39	147
1700793	GOVERNOR	40H2554	20	22	***	77	50	1022	-.07	47	145
1585759	GEM	40H2516	269	474	12	80	94	1160	-.01	40	143
1621066	ALBERT	40H2719	13	55	9	12	52	1181	-.03	39	143
1672326	FAME	40H2402	19	24	***	0	58	1073	.03	44	143
1673830	BENDMEAD	40H2320	18	26	5	5	58	1250	-.07	35	141
1668235	ELEVATOR	40H2878	8	28	14	12	44	1120	.00	40	140
1607814	PARAGON	40H2612	108	214	2	74	89	1414	-.16	27	139
1695482	BUTTON	40H2522	23	31	***	38	56	1102	.00	40	139
1706061	ASTRO BLEND	40H2641	11	12	***	91	34	1270	-.09	33	139
1634148	PINOAK	40H2722	3	14	***	7	31	1278	-.09	32	138
1704400	EDMARAL	40H2590	14	18	***	39	44	1155	-.03	37	138
1713774	SUPERSONIC	40H2603	16	16	***	100	41	1204	-.06	35	138
1625536	IVANHOE STAR	40H2734	12	62	2	5	56	1271	-.09	32	137
1675881	LASS	40H2363	14	30	***	5	51	1510	-.22	30	134
1738011	ALAMO	40H2665	8	10	***	90	30	1153	-.06	53	132
1700429	SUN	40H2531	20	26	***	68	52	1205	-.09	30	130
1679509	MAKER	40H2434	24	30	15	7	62	1201	-.09	30	129
1717319	PACER	40H2552	9	11	***	64	33	1227	-.11	28	128
GENETICS - CARNATION											
1659978	BEACON	11H2025	9	13	***	8	43	1628	-.02	56	200
1698983	CRAWLER	11H1264	18	48	***	75	55	1764	-.13	43	188
1703603	STAR KIT	11H2078	20	55	***	82	61	1979	-.24	34	188
1702282	VENTURE	11H1269	16	32	***	59	57	1440	.01	54	184
1661728	ADVENTURER	11H2006	8	37	0	0	50	1577	-.07	47	182
1681130	JEREMY	11H1204	24	68	6	21	69	1803	-.20	34	176
1682056	MILLIS-AN	11H1208	12	47	8	22	55	1544	-.08	43	174
1657608	ELEVATOR	11H2032	19	39	10	14	65	1243	.06	54	171
1701719	REBEL	11H2076	14	21	***	95	46	1656	-.10	41	171
1655983	MONEY BAGS	11H2039	15	45	3	11	55	981	.15	58	160
1690363	STARS PRIDE	11H2059	33	58	0	40	69	1162	.04	49	158
1622306	ADA	11H0177	11	36	4	24	46	1363	-.06	40	157
1626486	CHAMP	11H1096	17	28	4	0	63	1302	-.03	43	157
1680682	CHESTER	11H2042	15	59	10	33	63	1105	.07	51	157
1649214	PONCHO	11H2017	24	55	4	2	67	1491	-.13	34	155
1697109	CLIFFORD	11H1261	15	24	***	54	50	1227	.00	45	155
1668920	SKIPPER	11H1162	16	34	0	16	57	1379	-.08	38	154
1670356	REFORM	11H1160	24	38	10	0	67	1187	.01	44	147
1612677	EL CAPITAN	11H1057	24	43	4	24	67	1316	-.08	36	147
1695501	SILVER ROCKET	11H1242	14	23	***	57	51	1484	-.16	29	147
1600743	PER HILARY	11H1012	58	146	13	69	84	1341	-.10	34	145
1692206	PROUD KNIGHT	11H1229	11	16	***	23	43	1283	-.07	36	145
1694445	PARAGON	11H2071	25	34	***	23	61	925	.12	51	145
1628813	VIRGINIAN	11H0169	178	375	6	70	93	966	.09	49	144
1595067	STAR PERFORMER	24H0692	211	643	9	62	95	1571	-.22	23	143
1713779	HERO	11H0466	7	18	***	29	39	1182	-.03	39	143
1624803	STAR MATADOR	24H0706	88	185	6	77	88	994	.07	46	141
1638983	SONNY-RAY	11H1071	9	11	***	0	40	1200	-.04	37	141
1676445	JUBILEE	11H1168	33	58	8	22	71	861	.12	50	139
1690733	SILVER WAVE	11H1233	19	30	0	11	59	1372	-.13	29	139
1713710	SURPRISE	11H1289	9	14	***	93	37	1301	-.10	32	139
1626131	S BONANZA	11H1124	10	19	***	7	51	1277	-.09	32	138
1701718	SUPER STAR	11H1276	16	41	***	88	53	1069	.01	41	138
1652542	GEORGE	11H0461	10	25	5	5	50	1052	.02	41	137
1624877	PAYMASTER	11H0173	109	269	11	79	90	1249	-.09	32	136
1712838	FONZIE	11H1291	12	26	***	108	49	1036	.02	41	136
1647517	LIBERATOR	11H1118	16	29	8	0	60	1255	-.09	31	135
1706984	STANDO MAGIC	11H1273	13	26	***	92	48	1233	-.10	30	132
1689824	IDEAL SAM	11H1225	22	64	0	34	64	1023	.01	38	130
1633263	SHINER	11H1076	10	18	***	0	53	976	.02	39	129
1702962	STARLITE PRINCE	11H1279	12	25	***	92	45	929	.05	41	129
1669352	CAPTAIN	11H0465	11	46	7	29	56	1475	-.23	17	127
1677859	WILLIAM	11H1191	7	36	4	22	41	1231	-.12	27	127
1705317	STAR KING	11H2060	22	38	***	41	62	1047	-.02	35	127
1705383	CRYSTAN	11H1282	12	13	***	85	38	1033	-.02	35	126
A B S											
1721497	ERIC	29H3303	15	16	***	100	42	2241	-.10	65	256
1684205	JASON	29H3064	34	44	3	0	72	2144	-.06	68	254
1698738	PRINT	29H3161	41	49	0	20	72	2062	-.04	69	251
1684385	ELMER	29H3085	23	50	2	10	67	1892	.03	73	246
1650414	VALIANT	29H2851	32	43	9	3	73	1908	.00	69	240
1680121	MILMAY	29H3105	24	45	12	0	65	1835	.02	70	237
1724657	COLUMBUS	29H4000	4	13	***	77	28	2201	-.16	54	236
1722425	MILKMASTER	29H3815	13	39	***	56	56	1834	.00	67	232
1711052	CHRISTOPHER	29H3890	8	23	***	48	43	2167	-.20	46	220
1672325	DAIRYMAN	29H3820	12	28	5	9	52	1665	.01	62	212
1670778	TANNSEN	29H3635	7	49	2	2	42	1773	-.07	54	207
1659046	LINE CHIEF	29H2932	17	25	10	0	58	1426	-.10	67	205
1672151	SEXATION	29H2960	25	38	4	4	69	1497	.06	64	204
1669592	MARVIN	29H2969	26	29	0	4	66	1822	-.11	48	200
1685359	DYNAMO	29H3098	32	37	3	3	68	1706	-.08	50	196
1692173	HARVUE	29H3124	32	40	6	8	69	1786	-.12	46	195
1564328	DEMAND	29H2510	1839	4598	6	31	99	2173	-.31	29	193
1695218	TEMPEST	29H3130	28	37	6	3	66	1545	-.01	55	193

REGISTRATION NUMBER	NAME	STUD CCDE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN -CONTINUED-											
A B S -CONTINUED-											
1635912	OVER ARCH	29H2794	44	53	11	19	76	1530	-.02	53	189
1648493	BROOK	29H2856	23	27	9	0	64	1773	-.13	43	189
1642993	MONEY-MAKER	29H2847	37	42	14	0	73	1969	-.26	29	179
1647459	CHRIS	29H2811	92	128	7	18	87	2030	-.30	26	179
1664494	CAL	29H2905	64	98	10	11	84	1767	-.18	36	177
1697421	TWILIGHT	29H3158	41	52	10	12	72	1285	.06	56	177
1631223	MARS	29H2786	116	150	3	78	87	1716	-.17	36	174
1714309	ROSSITER	29H3258	32	38	***	92	63	1712	-.17	35	172
1692150	GRAND SLAM	29H3093	47	63	16	3	77	1127	.12	59	171
1694079	PLATEAU	29H3135	39	44	13	39	68	1608	-.13	38	170
1690469	HENRY	29H3081	25	34	7	0	65	1306	.02	50	169
1704268	RADAR	29H3845	18	25	***	27	56	1568	-.11	39	169
1689995	RADIUM	29H3117	31	37	0	0	66	1385	-.03	46	168
1705198	ENGINEER	29H3212	23	31	***	55	58	1510	-.09	41	168
1670654	CYPRESS	29H3032	34	80	10	19	76	1189	.07	54	167
1671336	CHECKMATE	29H3006	54	79	9	3	82	1661	-.17	34	167
1673127	LUMINOUS	29H3029	34	50	2	2	74	1547	-.11	39	167
1699493	VIC	29H3195	41	53	18	41	72	1306	.01	49	167
1693030	LUKE	29H3145	14	26	***	50	53	1385	-.03	45	166
1708145	ALLEN	29H3206	20	27	***	78	54	1214	.05	52	166
1717713	BRITE	29H3295	13	18	***	94	43	1390	-.04	45	166
1678710	BLEND	29H3070	30	78	6	18	72	1377	-.04	44	164
1672322	JORDAN	29H3050	108	174	8	25	89	1698	-.20	30	163
1563679	ART	29H2417	1537	3642	10	19	99	1010	.14	58	162
1663473	DIPLOMAT	29H2915	32	46	0	10	73	1421	-.07	41	162
1692359	WEST	29H3131	37	51	10	9	73	1434	-.08	40	161
1518703	BELMONT	29H1948	2146	5531	10	13	99	1585	-.16	33	160
1669038	FLEET	29H2936	24	40	0	0	70	1609	-.17	32	160
1660592	WALK	29H2894	30	40	6	0	71	1382	-.06	41	159
1714278	LOGIC	29H3268	25	30	***	100	57	1255	.00	46	159
1693308	ELI	29H3193	45	55	7	29	72	1432	-.09	38	158
1679918	DAVID	29H3088	40	55	10	0	76	1329	-.05	41	156
1703096	FREEDOM	29H3207	31	38	***	74	63	1539	-.15	32	155
1705804	DYNASTY	29H3246	18	23	***	91	52	1362	-.07	39	155
1658701	KING	29H2917	41	50	8	9	76	1576	-.18	29	153
1575285	IMPERIAL KNIGHT	29H2501	1055	2218	9	35	99	1080	.06	49	152
1678376	TOPAZ	29H3051	32	41	0	0	71	1615	-.20	27	152
1717461		29H3296	13	14	***	100	37	1375	-.09	36	151
1698093	NOR WAY	29H3201	45	53	4	43	72	1450	-.14	31	148
1613580	RUMLER	29H3350	85	135	3	74	83	1252	-.04	39	147
1633380	FROSTY	29H2779	30	37	15	13	70	1216	-.03	40	147
1668902	DRAKE	29H3865	15	56	18	4	59	1463	-.15	30	147
1697162	KEN ROYAL	29H3183	32	44	6	12	68	962	.11	51	147
1639748	PLAYBOY	29H2833	23	28	0	0	64	1651	-.25	21	145
1704526	ORCHARD	29H3272	11	18	***	76	43	1271	-.06	37	145
1663500	AUTOCRAT	29H2984	34	42	3	0	71	1369	-.12	31	142
1712594	ELEVATOR	29H3301	14	24	***	88	49	1338	-.11	32	142
1450228	BOOTMAKER	29H1881	7727	27634	6	3	99	1253	-.07	35	141
1668484	SOONER	29H3645	6	17	***	0	36	1017	.05	45	141
1673806	BELLE	29H3017	25	98	5	7	74	1126	-.01	40	141
1698712	JEWELMAKER	29H3176	23	33	9	17	61	1245	-.07	34	139
1616359	BUD	29H2694	25	86	9	69	81	1090	.00	40	138
1696926	VEEMATT	29H3141	27	48	7	21	68	1373	-.14	28	138
1723818	STARCHIEF	29H3307	22	26	***	96	52	1067	.01	41	138
1698918	EAGLE	29H3181	52	61	5	24	76	1072	.01	40	137
1695206	GALEN	29H3165	36	39	0	17	68	1352	-.14	28	136
1629385	MILESTONE	29H2785	349	523	5	59	96	1429	-.18	24	135
1638034	MARKER	29H2809	27	41	7	24	70	1380	-.16	26	135
1693040	STONEY	29H3151	23	38	5	18	63	1157	-.05	35	135
1708937	JAX	29H3313	14	22	***	100	49	1191	-.06	34	135
1640803	ARIEL	29H2804	26	36	10	0	69	1481	-.21	21	134
1641285	KOP	29H2801	21	28	0	5	63	1240	-.09	31	134
1713821	SINNISSIPPI	29H3261	24	30	***	90	57	1356	-.15	26	133
1714827	TILLER	29H3283	23	33	***	97	59	1225	-.09	31	133
1593263	CHIP	29H3200	1171	2365	11	69	99	1402	-.18	23	132
1647417	PAL	29H2863	32	41	6	3	72	1605	-.28	14	131
1689578	MOUNTAINEER	29H3710	12	31	0	7	57	1005	.02	39	131
1715052	MARK	29H3234	22	25	***	88	53	1195	-.08	31	131
1617071	BOOT-NICK	29H2719	546	972	10	61	97	1119	-.04	34	130
1633540	LEE	29H2873	24	37	4	6	68	1287	-.13	27	130
1682256	WHIRLWIND	29H3046	46	62	6	2	78	1087	-.03	35	130
1671167	SUPERMAN	29H2985	41	72	4	11	77	1311	-.15	25	129
1675007	ARGUS	29H3750	6	32	4	16	46	1223	-.10	29	129
1712032	HALYCON	29H3230	25	31	***	77	58	1170	-.08	31	129
1658837	EXCELLON	29H2875	59	94	9	7	84	1036	-.01	36	128
1685540	DIXIE	29H3760	5	33	4	10	43	1003	.00	37	127
1714056	JUSTICE	29H3274	27	30	***	87	58	1185	-.09	29	127

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