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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



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

This report contains the latest USDA-DHIA genetic evaluation on 323 sires. These are proven sires with semen available through each of the four studs (MABC, 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 herd-mates 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 \$140 and bulls of other breeds with PD\$\$ less than \$75.

Formerly sold through Curtiss: Bulls belonging to Curtiss were recently sold and therefore, may be owned by another stud. This information currently not available.

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. 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	5	947	-.10	26	121	76
Guernsey	20	1050	-.10	39	147	78
Holstein	243	1472	-.07	43	181	68
Jersey	35	1271	-.20	43	169	72
Brown Swiss	20	1107	-.03	40	134	59

The following table should help you determine where your herd stands genetically with others in the state on DHIA. The table includes average sire PD's for current milking cows, calves born and service sires reported. We have suggested that you increase your PD average 100 lbs each year it appears from this table that this has been happening on the average. The cow index is also

helpful in determining the genetic potential of the cows in your herd. This, also, should be increasing yearly if you are using better sires each year. For those of you on DHIA, information can be found in the bottom right corner of your last DHIA herd evaluation report. Take a look at it!

MICHIGAN SIRE PD & COW INDEX SUMMARY

Cows	Group	AVERAGE SIRE PD			AVERAGE USDA INDEX		
		Of Cow	Of Calf	Service	Cow	Dam	Calf
Reg.	2 yr	+ 920	+1310	+1410	+514	+278	+968
	3 yr +	+ 652	+1292	+1414	+384	+136	+846
Grade	2 yr	+1005	+1312	+1401	+516	+364	+931
	3 yr +	+ 831	+1311	+1411	+458	+238	+888
All Cows	2 yr	+ 973	+1312	+1402	+515	+313	+947
	3 yr +	+ 749	+1306	+1412	+421	+170	+868
All Cows	All	+ 823	+1307	+1409	+445	+214	+878

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	74 \$\$\$
AYRSHIRE											
M A B C - SELECT SIRES											
136605	HAGGAI	7A0042	12	22	***	5	52	844	-.20	11	78
MIDWEST BREEDERS											
137667	VITALITY	14A0008	22	40	***	72	57	1106	-.06	37	141
FORMERLY SOLD THRU CURTISS											
134172	GEMINI	40A0434	168	387	13	5	94	873	-.13	20	95
A B S											
130772	JUMBO	29A7615	90	213	9	33	88	1221	-.07	40	154
136088	SUPER STAR	29A7616	97	237	9	13	90	689	-.04	23	88
GUERNSEY											
M A B C - SELECT SIRES											
579953	B. MAVERICK	761038	511	2176	13	37	98	1167	-.04	51	169
591225	CHUCK	760192	3	10	***	100	24	1162	-.10	44	157
583873	PATRICIAN	761030	79	166	9	38	87	1119	-.09	44	154
585495	PREMIER	761036	91	195	7	18	90	906	.06	49	148
589545	TOP ROE	760156	91	240	14	35	89	1031	-.06	43	146
583872	FANCY	760142	85	184	12	1	90	954	-.18	27	113
MIDWEST BREEDERS											
590504	RON	2160255	2	13	***	8	23	1312	-.33	27	138
587076	JAMAICA	2160249	15	36	10	0	59	877	-.07	34	120
589104	FANTASTIC	2160251	5	14	***	0	39	800	-.08	30	107
FORMERLY SOLD THRU CURTISS											
585136	BART	4061001	169	479	15	21	94	1062	-.02	48	157
577154	FLASH	4061008	78	192	17	21	88	1085	-.15	36	136
GENETICS - CARNATION											
575523	CLEVERLANDS	1160215	67	261	12	14	87	852	-.26	14	84
A B S											
590165	ADMIRAL	2960811	26	35	***	59	59	1631	-.06	70	234
586731	TELESTAR	2960796	192	358	11	21	94	1443	-.05	63	209
583550	FABIAN	2960788	204	564	21	29	95	1027	-.02	46	151
585588	TOP PILOT	2960792	72	166	18	6	86	1289	-.27	32	145
589456	JUPITER	2960808	163	317	13	34	92	1135	-.25	28	127
586569	EXTRA	2960798	52	94	9	4	83	673	-.04	36	109
588800	FERNELL	2960806	84	135	12	47	84	859	-.14	26	105
580919	FAYVOR	2960784	909	4467	15	20	99	612	.01	30	94

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
JERSEY											
M A B C - SELECT SIRES											
623158	SAINT	7J0123	11	23	0	0	54	2063	-.46	54	237
623660	FOET	7J0127	11	169	6	17	64	1572	-.20	59	211
627500	SARGENT PLUS	7J0108	85	1393	15	40	65	1393	-.07	63	206
623333	MAGIC	7J0121	22	162	12	29	67	1569	-.23	55	204
613173	SAMSON	7J0102	840	4523	6	26	95	1768	-.22	47	176
617287	EARL	7J0112	145	281	11	70	91	1414	-.32	39	166
622333	SPARKLE	7J0140	7	45	***	30	49	1262	-.21	43	162
620963	LAD	7J0093	26	48	8	2	72	761	-.02	40	122
619366	HERITAGE	7J0090	20	50	22	4	68	901	-.12	34	121
MIDWEST BREEDERS											
626412	SUCCESS	21J0323	24	44	11	12	66	1231	-.13	49	170
FORMERLY SOLD THRU CURTISS											
615053	VIRGINIAN	40J0564	384	1365	10	15	98	1248	-.29	34	146
624749	TRISTRAM	40J0578	27	43	3	16	64	956	-.22	27	113
629462	REBEL	40J0584	11	16	***	61	37	910	-.24	23	103
GENETICS - CARNATION											
621875	MASTER C	11J0353	6	52	0	10	51	1578	-.13	66	224
619994	STARN GENERAL	11J0317	102	360	7	42	91	1821	-.38	52	217
628368	RULER	11J0328	26	47	***	87	64	1577	-.23	56	206
627330	FALLNEVA	11J0327	38	103	7	13	79	1103	-.03	53	168
628341	SOLDIER ZEV	11J0364	9	39	8	36	53	1086	-.11	44	151
629803	EDYVEAN CELEBRITY	11J0332	9	13	***	85	34	1141	-.24	34	138
617652	PHIL'S MILK BOY	24J0301	98	429	5	27	91	759	-.02	40	122
622217	SILVER MINT	11J0322	21	76	15	39	65	509	-.21	45	113
618062	SPARKPLUG	24J0305	40	147	9	32	83	951	-.25	24	108
617655	FAVORITE JUAN	24J0306	107	501	6	24	92	575	-.07	36	102
A B S											
625825	GREAT	29J2805	10	22	***	14	48	2026	-.44	55	236
625184	CHOCOLATE SUNDAE	29J2783	13	21	***	10	53	1834	-.38	52	217
621333	BRAVE SOLDIER	29J2791	41	104	3	42	78	1551	-.32	45	186
619710	BRIAR	29J2789	61	128	7	65	83	1384	-.24	45	174
620428	JEWELER	29J2785	315	967	6	44	97	1606	-.44	35	172
616022	BOLD TORONO	29J2788	205	588	6	49	95	1530	-.46	30	158
617923	MIDNIGHT	29J2799	138	294	5	56	91	1331	-.29	38	158
619853	PREDICTOR	29J2764	185	597	9	29	95	1154	-.16	42	153
622801	EXPLORER	29J2797	10	22	5	0	51	919	-.03	49	148
625725	SILVER ZEV	29J2804	15	53	9	6	66	1325	-.36	30	144
624576	STARDUST	29J2770	29	52	14	22	72	984	-.07	43	143
622721	ADAM	29J2769	23	40	3	9	69	1081	-.19	36	137
BROWN SWISS											
M A B C - SELECT SIRES											
154912	EVIL0	780625	187	335	10	15	94	2354	-.18	69	283
159771	KING	780629	207	475	7	48	94	1543	-.19	37	171
171140	REWARD	780638	27	31	***	68	55	1079	-.08	54	168
164943	KAYLE	780633	36	53	2	2	74	924	-.03	34	123
MIDWEST BREEDERS											
171547	MATTHEW	21B0420	32	47	***	87	63	2235	-.00	90	311
163153	IMPROVER	1480148	328	966	9	37	97	1612	-.07	56	209
166467	LONDON	21B0423	2	33	0	7	28	1262	-.10	38	153
148487	EL BRITE	21B0413	228	906	9	3	96	899	-.08	47	144
FORMERLY SOLD THRU CURTISS											
162447	VICTOR	40B0354	3	32	4	0	36	736	-.01	31	105
157480	IKE	40B0357	3	17	***	0	34	762	-.07	22	91
164225	TICIAN	40B0345	20	24	***	11	54	606	-.01	23	82
GENETICS - CARNATION											
169179	SULTAN	11B0517	12	23	***	26	46	860	-.03	39	127
171191	MARINER	11B0520	8	11	***	32	23	783	-.03	36	117
164757	LU ANSON	11B0516	66	139	8	20	85	918	-.13	20	98
152968	ROCKY	11B0519	29	64	8	9	73	764	-.13	15	79
A B S											
168654	CONTINUATION	29B3691	9	24	***	21	41	1214	-.04	54	178
170132	DJ	29B3666	21	33	***	34	55	1048	-.03	39	140
166802	HECTOR	29B3685	3	19	***	18	28	1051	-.07	34	132
155075	CARSON	29B3667	17	46	10	17	63	689	-.07	36	110
169511	MARCUS	29B3661	17	23	***	48	47	807	-.02	30	108

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN											
M A B C - SELECT SIRES											
1697572	ROTATE	7H1118	7	38	0	24	38	2217	-.02	78	289
1617266	NUGGET	7H0286	1520	3099	10	68	99	2190	-.02	72	256
1556373	GLENDELL	7H0477	4779	15787	7	14	99	2110	-.08	60	243
1697281	STARFIRE	7H1128	23	30	***	32	57	2124	-.10	58	241
1667366	BELL	7H0543	37	53	11	2	76	1869	-.04	62	238
1683955	SKY HIGH	7H1110	17	47	8	15	62	2069	-.14	53	236
1689839	FAGIN	7H0579	27	32	0	0	66	1915	-.08	56	230
1665634	BOVA	7H0572	39	57	4	0	77	2018	-.14	51	229
1685527	LEE	7H0633	23	34	12	0	65	1883	-.06	55	226
1583197	CONDUCTOR	7H0195	4094	11937	7	30	99	1749	-.03	58	222
1697719	BEN	7H0694	31	40	11	3	48	1716	-.05	55	214
1680125	GAYLORD	7H0595	31	37	7	3	69	1587	-.00	57	209
1734067	MAJESTIC	7H1124	7	28	***	46	42	1734	-.08	51	209
1644629	GLEN	7H0457	83	120	12	13	87	1846	-.13	46	208
1689860	MAGNUS	7H0587	36	42	3	11	72	1694	-.06	52	208
1626813	MARS	7H0401	410	661	8	91	96	1775	-.10	48	206
1685357	PERFECTOR	7H1109	10	25	12	0	50	1952	-.19	40	205
1648394	MONEYMAKER	7H0903	100	173	5	62	87	1759	-.11	47	204
1608425	CINNAMON	7H0241	1349	2602	10	77	99	1669	-.08	48	199
1635843	PETE	7H0900	646	997	5	74	98	1775	-.14	43	198
1682467	IVAN	7H0581	39	53	9	4	75	1421	.03	56	196
1675357	FRANK	7H0561	41	50	10	5	75	1289	.09	61	195
1561753	WALKWAY	7H1152	1109	3465	8	27	99	1749	-.14	42	194
1672056	ELMER	7H1105	20	37	14	29	63	1440	.01	54	193
1678020	LANCE	7H0556	40	49	17	5	75	1947	-.23	33	193
1716222	ROUND-UP	7H0775	25	30	***	72	57	1715	-.13	42	192
1648691	HANNIBAL	7H0473	37	54	13	9	75	1611	-.09	45	190
1664286	ASTRO CHIEF	7H1120	6	22	***	6	37	1439	.00	52	190
1677435	JOSIE	7H1113	5	47	7	4	40	1422	.01	53	190
1666252	STAR WILLIE	7H1111	13	22	10	0	54	1751	-.16	39	189
1681734	JUNIPER	7H1115	16	38	0	6	63	1637	-.02	43	188
1491007	ELEVATION	7H0558	9191	47077	5	7	99	1450	-.02	50	187
1715210	EVOLUTION	7H0783	34	47	***	77	67	1951	-.27	33	184
1663720	PABST	7H2294	140	287	8	6	93	1778	-.20	38	181
1691602	NAVIGATOR	7H0626	39	56	13	4	75	1215	.06	54	178
1701643	MADELLO	7H0735	34	50	5	20	69	1126	.09	58	178
1717296	PRIGADIER	7H0765	38	46	***	62	67	1509	-.11	38	171
1701067	SUPR	7H0745	29	32	9	11	63	1431	-.07	41	170
1590112	UK SENSATION	7H0190	2223	6806	9	31	99	1375	-.05	42	168
1697698	LUCKY	7H1121	6	28	0	12	37	1338	-.04	43	167
1724053	PATRICK	7H0773	35	43	***	62	66	1399	-.08	39	165
1681382	PERSEUS CHIEF	7H1126	17	62	8	17	63	1390	-.07	39	164
1700794	TOP SHOT	7H0713	40	45	0	23	70	1493	-.13	34	163
1711154	LOUIS	7H0751	31	35	***	51	61	1490	-.13	34	162
1682881	MAJURO	7H0576	51	80	6	19	80	1216	.00	44	161
1646886	HIGH SPOT	7H0448	28	36	4	18	68	1395	-.09	36	159
1690034	GAYIETY	7H0629	27	37	11	10	66	1117	.04	47	159
1713269	ROANOKE	7H0764	22	25	***	57	53	1292	-.05	40	159
1703999	COLOSSAL	7H0727	18	24	***	17	54	1787	-.29	19	157
1715982	FINESSE	7H0766	27	45	***	52	64	1200	-.01	42	156
1721314	SUMMIT	7H0785	38	49	***	69	69	1358	-.09	35	155
1700985	APRIL	7H0696	28	34	7	9	65	1313	-.08	36	154
1709993	VALENTIA	7H0760	36	43	***	60	67	1379	-.13	30	148
1694963	TOP CHIEF	7H1117	15	21	***	5	52	1190	-.04	37	147
1660406	CINDER	7H0505	30	35	9	0	69	1470	-.19	24	144
1688842	FREE LANCER	7H0598	24	31	4	0	64	1342	-.13	29	144
1663820	SENYRY	7H0524	40	57	12	9	76	1353	-.14	28	143
1667237	TRIX	7H0528	36	52	8	4	75	1197	-.06	34	142
1649576	GEM	7H0905	24	51	0	24	69	1257	-.10	31	141
1681659	WARRIOR	7H0575	25	31	0	0	65	1336	-.13	28	141
1667607	VEEMAN	7H0514	30	39	12	0	70	1215	-.08	32	140
MIDWEST BREEDERS											
1674245	FORD	21H0280	53	63	8	13	79	2662	-.21	62	292
1690612	VICTORIAN	21H0568	9	29	0	4	48	1802	-.02	62	232
1680681	CYRANO	21H0575	17	42	3	5	64	1260	.03	66	201
1711546	NERO	21H0352	43	43	13	20	68	1628	-.08	46	193
1687902	ANDY	21H0410	45	63	6	41	74	1739	-.17	37	185
1707522	JUAN	21H0341	62	63	12	25	76	1445	-.03	48	183
1727429	FROST	21H0380	44	47	***	68	67	1543	-.08	44	183
1659308	BART	21H0270	50	60	11	2	78	1086	.15	62	182
1684830	RICH	21H0478	10	63	6	8	49	1394	-.02	48	180
1689657	CHIEF	21H0301	96	113	12	3	87	1466	-.06	44	178
1744601	MOONSHOT	21H0388	33	36	***	78	61	1515	-.08	42	178
1738883	TREB	21H0416	23	25	***	84	50	1287	.02	50	176
1694652	MEDALLION	21H0333	67	72	3	11	79	1686	-.18	33	174
1691711	CHIEFTAIN	21H0332	49	54	11	4	74	1407	-.07	40	167
1710057	JOEL	21H0357	67	71	7	34	77	1246	-.01	44	163
1623662	ABEL	21H0246	1368	2612	8	64	99	1099	.06	49	161
1598618	MILKMAKER	21H0319	923	1604	8	43	99	1576	-.22	23	150
1590708	FISK	3H0596	592	860	6	74	97	959	.07	46	146
1682995	JESTER	21H0291	88	119	8	5	87	1010	.04	43	144
1718252	BRIGADOON	21H0387	37	39	***	72	62	1099	-.01	39	144
1728128	ROMAN	21H0405	24	24	***	96	51	1176	-.05	35	142

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN -CONTINUED-											
FORMERLY SOLD THRU CURTISS											
1693549	R MINUTEMAN	40H2499	15	69	0	42	62	1763	-.08	52	212
1724611	TRENTON	40H2643	23	31	***	71	57	1282	-.12	65	201
1605637	RICKEN	40H2573	383	936	6	68	97	1573	-.06	47	191
1698925	VENTURA	40H2535	16	30	0	18	69	1628	-.09	46	191
1645942	BUFF	40H2763	13	32	4	18	51	1743	-.15	39	189
1692253	CREST	40H2512	21	30	0	9	59	1911	-.23	32	188
1694023	SPARTAN	40H2464	208	237	16	16	68	1765	-.16	38	188
1679466	LYLE	40H2428	21	27	6	9	58	1725	-.16	37	184
1707240	HARTLEY	40H2561	27	30	0	31	60	1474	-.07	42	175
1738011	ALAMO	40H2665	17	20	***	70	48	1356	-.01	47	175
1687077	BILLY	40H2437	15	19	***	20	50	1459	-.08	41	172
1704400	EDMARAL	40H2590	16	20	***	25	50	1267	-.01	45	167
1665884	BILTMORE	40H2355	10	35	***	48	51	1216	-.00	44	161
1607814	PARAGON	40H2612	268	515	5	72	95	1530	-.16	31	160
1613259	POLY ROYAL	40H2168	124	209	11	63	90	1162	-.02	46	160
1658173	IRISH	40H2296	43	52	9	0	75	1388	-.10	35	157
1680011	PIN	40H2414	49	69	7	11	78	1217	-.01	42	157
1671532	GRENADIER	40H2365	23	32	3	0	64	1427	-.13	32	155
1695258	TAMLANE	40H2801	78	126	3	59	83	1484	-.15	30	155
1687535	DOMINANT	40H2417	17	21	***	0	53	1349	-.09	35	154
1634148	PINOAK	40H2722	8	20	***	30	41	1384	-.12	32	152
1706061	ASTRO BLEND	40H2641	14	17	***	60	43	1310	-.09	34	150
1585759	GEM	40H2516	495	988	10	65	97	1125	-.01	39	146
1660702	MARBETH	40H2292	20	28	0	0	61	1331	-.11	31	146
1717319	PACER	40H2552	12	14	***	42	41	1301	-.10	32	146
1621066	ALBERT	40H2719	58	110	9	55	77	1198	-.06	35	144
1650826	WALT	40H2283	39	53	14	2	75	1230	-.07	34	144
1695482	BUTTON	40H2522	30	42	5	32	66	1153	-.03	37	144
1601195	LEO ASTRONAUT	40H2174	42	60	***	59	74	1187	-.05	35	143
1675823	COMET	40H2295	10	12	***	0	40	1109	-.02	38	143
1699192	FIRE	40H2558	18	20	***	47	50	1407	-.16	26	143
1714200	RAMBLE	40H2532	18	29	9	18	57	1412	-.16	26	143
1703247	AMOS	40H2588	11	14	***	29	41	1170	-.05	35	142
1603912	PAT	40H2563	386	1054	7	54	97	1347	-.14	27	140
1644636	SONNY	33H0023	6	50	0	24	45	1114	-.03	36	140
1672326	FAME	40H2402	20	26	***	5	61	948	-.06	43	140
GENETICS - CARNATION											
1731599	ARROW	11H2250	14	25	***	100	47	1642	-.00	60	218
1736388	GLENVIEW JOE	11H2132	14	21	***	100	46	1685	-.07	50	204
1703603	STAR KIT	11H2078	21	38	4	10	64	2028	-.24	35	202
1697109	CLIFFORD	11H1261	18	39	5	41	59	1504	-.00	35	200
1713779	HERO	11H0466	8	31	***	11	45	1628	-.06	49	198
1659978	BEACON	11H2025	8	12	***	0	43	1519	-.03	51	194
1661728	ADVENTURER	11H2006	10	39	0	3	52	1583	-.07	46	190
1698983	CRAWLER	11H1264	19	56	0	29	60	1726	-.14	40	189
1698898	B-STAR	11H1262	12	25	***	63	46	1675	-.13	40	186
1702282	VENTURE	11H1269	20	42	0	37	64	1437	-.05	45	178
1701719	REBEL	11H2076	19	31	***	52	57	1495	-.08	42	177
1681130	JEREMY	11H1204	27	71	5	3	71	1733	-.20	32	176
1682056	MILLIS-AN	11H1208	13	60	9	32	57	1522	-.10	40	175
1690363	STARS PRIDE	11H2059	34	64	11	12	72	1233	-.03	50	172
1726577	BIG ROCK	11H2600	32	52	***	98	68	1557	-.13	36	171
1668920	SKIPPER	11H1162	18	46	0	22	62	1473	-.09	39	170
1612677	EL CAPITAN	11H1057	27	48	3	21	70	1406	-.06	41	169
1649214	PONCHO	11H2017	23	54	4	0	68	1540	-.13	36	169
1703472	ELVIS	11H1274	11	22	***	36	47	1299	-.02	44	166
1655983	MONEY BAGS	11H2039	15	45	3	0	56	955	-.14	56	163
1742725	ARION	11H2118	8	28	***	100	38	1440	-.10	36	162
1701718	SUPER STAR	11H1276	15	49	12	20	54	1251	-.02	43	161
1692206	PROUD KNIGHT	11H1229	11	16	***	8	44	1304	-.05	40	160
1680682	CHESTER	11H2042	15	71	7	28	65	1095	-.05	48	159
1624877	PAYMASTER	11H0173	156	550	10	71	94	1355	-.08	37	158
1705317	STAR KING	11H2060	23	46	3	21	66	1253	-.03	41	158
1706984	STANDO MAGIC	11H1273	13	29	***	29	52	1456	-.13	33	158
1595067	STAR PERFORMER	24H0692	294	943	6	43	97	1618	-.21	25	156
1676445	JUBILEE	11H1168	35	60	10	4	73	922	-.13	53	156
1682049	APOLLO IDEAL	11H1215	19	27	5	9	60	1498	-.16	30	156
1626486	CHAMP	11H1096	20	29	4	8	64	1239	-.04	39	154
1694445	PARAGON	11H2071	28	37	7	15	66	923	-.12	52	154
1712838	FONZIE	11H1291	19	42	***	62	61	1129	-.02	44	154
1624803	STAR MATADOR	24H0706	200	457	11	77	94	1057	-.03	43	148
1670356	REFORM	11H1160	26	40	13	6	69	1151	-.02	39	147
1657608	ELEVATOR	11H2032	20	39	9	0	66	988	-.06	45	146
1628813	VIRGINIAN	11H0169	381	820	4	63	97	925	-.09	47	145
1638983	SONNY-RAY	11H1071	9	11	***	0	40	1216	-.06	35	145
1690733	SILVER WAVE	11H1233	21	33	0	0	64	1357	-.13	29	145
1713710	SURPRISE	11H1289	14	43	***	81	53	1341	-.12	30	145
1647517	LIBERATOR	11H1118	17	30	8	7	61	1225	-.07	34	144
1652542	GEORGE	11H0461	10	25	5	0	51	1032	-.03	42	144
1695501	SILVER ROCKET	11H1242	16	28	***	25	56	1472	-.19	24	144
1600743	PER HILARY	11H1012	207	672	15	85	95	1435	-.17	25	143
1677859	WILLIAM	11H1191	9	45	3	21	46	1390	-.15	27	143
1626131	S BONANZA	11H1124	11	20	***	6	52	1277	-.10	31	142
1619057	STAR	11H1056	884	1959	10	72	98	1149	-.04	35	140

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN											
A B S											
1724657	COLUMBUS	29H4000	7	24	***	33	41	2639	-.19	64	294
1698738	PRINT	29H3161	41	51	0	5	74	2044	-.00	75	272
1684205	JASON	29H3064	34	44	0	0	73	1517	-.08	65	262
1684385	ELMER	29H3085	26	56	3	13	70	1814	-.04	72	250
1680121	MILMAY	29H3105	24	45	12	0	67	1748	-.00	64	232
1722425	MILKMASTER	29H3815	14	43	3	11	62	1750	-.00	64	232
1723830	TRIUNE	29H4130	5	11	***	82	27	1639	-.04	66	228
1708937	JAX	29H3313	16	82	***	82	60	2045	-.16	48	225
1685359	DYNAMO	29H3098	35	41	6	3	71	1874	-.10	52	220
1695218	TEMPEST	29H3130	29	40	5	0	69	1743	-.05	56	218
1715880	LUCK E	29H3287	42	56	***	61	71	1742	-.06	53	213
1672151	SEXATION	29H2960	29	42	4	18	72	1460	-.07	64	212
1721497	ERIC	29H3303	36	43	***	77	66	1784	-.10	49	209
1650414	VALIANT	29H2651	45	59	8	25	77	1547	-.00	56	204
1648493	BROOK	29H2856	26	30	9	4	67	1838	-.15	43	202
1713821	SINNISSIPPI	29H3261	33	40	***	54	66	1910	-.18	40	202
1564328	DEMAND	29H2510	2072	5532	6	24	99	2172	-.31	28	200
1704268	RADAR	29H3845	18	26	0	0	59	1727	-.11	46	200
1635912	OVER ARCH	29H2794	87	114	10	59	85	1526	-.02	52	196
1697162	KEN ROYAL	29H3183	34	45	8	3	71	1240	-.12	63	195
1705804	DYNASTY	29H3246	19	34	***	50	59	1483	-.01	53	195
1714278	LOGIC	29H3268	37	47	***	59	68	1586	-.05	49	195
1631223	MARS	29H2786	444	742	2	87	97	1840	-.19	37	192
1670778	TANNSEN	29H3635	7	5	2	2	45	1596	-.07	47	192
1647459	CHRIS	29H2811	291	422	10	74	95	2059	-.30	27	190
1672325	DAIRYMAN	29H3820	12	30	5	9	54	1384	-.02	53	188
1717713	BRITE	29H3295	31	40	***	88	64	1588	-.08	45	188
1679918	DAVID	29H3088	41	60	10	0	77	1473	-.03	49	187
1669592	MARVIN	29H3269	31	45	0	22	70	1626	-.11	42	186
1714309	ROSSITER	29H3258	42	50	4	37	70	1845	-.21	33	186
1699493	VIC	29H3195	43	59	12	5	75	1332	-.03	53	184
1720550		29H3312	18	26	***	100	54	1755	-.17	36	184
1663473	DIPLOMAT	29H2915	38	53	0	13	76	1518	-.67	44	182
1642993	MONEY-MAKER	29H2847	40	45	14	8	74	1929	-.27	27	181
1708145	ALLEN	29H3206	25	32	13	13	60	1306	-.63	52	181
1671336	CHECKMATE	29H3006	55	80	9	1	82	1740	-.19	33	178
1672322	JORDAN	29H3050	117	198	9	14	90	1755	-.20	32	178
1710482	STARFLEET	29H3286	12	40	0	45	57	1393	-.02	47	178
1670654	CYPRESS	29H3032	36	84	10	5	78	1178	-.07	54	175
1673127	LUMINOUS	29H3029	35	51	2	2	76	1573	-.12	38	175
1690469	HENRY	29H3081	24	33	7	0	66	1291	-.01	49	174
1714827	TILLER	29H3283	35	48	***	51	68	1391	-.04	45	174
1664494	CAL	29H2905	77	114	9	11	86	1690	-.19	31	171
1697421	TWILIGHT	29H3158	43	54	10	0	74	1204	-.04	50	170
1701583	DOLAN	29H4070	15	33	***	36	53	1453	-.08	40	170
1678710	BLEND	29H3070	31	96	5	18	73	1380	-.05	42	169
1689995	RADIUM	29H3117	32	38	0	0	69	1412	-.07	41	169
1692359	WEST	29H3131	40	55	10	22	75	1431	-.08	40	169
1722635	CHESTNUT	29H3336	15	15	***	100	41	1466	-.10	38	168
1700428		29H3204	15	27	9	8	57	1378	-.06	41	167
1692150	GRAND SLAM	29H3093	48	64	16	0	79	987	-.13	56	165
1698712	JEWELMAKER	29H3176	25	36	7	18	66	1372	-.06	40	165
1693049	STONE	29H3151	26	42	3	3	68	1272	-.02	43	163
1660592	WALK	29H2894	32	40	5	0	72	1340	-.06	39	161
1692173	HARVUE	29H3124	32	40	5	0	71	1444	-.11	35	161
1718393	TRAVELER	29H3310	41	51	***	86	69	1351	-.07	39	161
1723818	STARCHIEF	29H3307	40	53	***	74	69	1878	-.06	49	160
1693030	LUKE	29H3145	15	35	14	33	62	1391	-.09	36	159
1726142	NOVA	29H3341	13	14	***	100	38	1309	-.06	39	158
1575285	IMPERIAL KNIGHT	29H2501	1241	2709	9	23	99	1063	-.06	48	157
1685540	DIXIE	29H3760	6	34	4	10	46	1195	-.00	43	157
1698093	NOR WAY	29H3201	50	59	8	6	76	1496	-.16	30	156
1718436	ADAM	29H3299	37	47	***	79	68	1055	-.06	48	156
1695206	GALEN	29H3165	37	42	3	0	72	1478	-.15	30	155
1712032	HALYCON	29H3230	31	38	9	35	66	1263	-.04	39	155
1629385	MILESTONE	29H2785	1128	1827	7	80	99	1472	-.15	30	154
1450228	BOOTMAKER	29H1881	7874	28180	6	3	99	1263	-.07	35	148
1678376	TOPAZ	29H3051	32	41	0	0	72	1579	-.23	22	148
1658701	KING	29H2917	46	56	7	10	77	1495	-.19	25	147
1673806	BELLE	29H3017	26	100	6	2	75	1078	-.01	41	146
1704526	ORCHARD	29H3272	17	26	***	30	54	1160	-.03	38	146
1712594	ELEVATOR	29H3301	18	33	***	55	57	1236	-.06	35	146
1698918	EAGLE	29H3181	57	66	4	0	78	1095	-.00	40	145
1633380	FROSTY	29H2779	43	58	14	44	76	1192	-.05	35	143
1668902	DRAKE	29H3865	16	57	18	2	60	1360	-.14	28	143
1682256	WHIRLWIND	29H3046	47	64	6	20	79	1130	-.03	37	143
1686926	VEEMATT	29H3141	29	55	12	12	72	1388	-.16	25	140
1689578	MOUNTAINEER	29H3710	13	34	0	0	59	1040	-.01	39	140

