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A.I. Sire Summary

Michigan State University

Cooperative Extension Service

Farm Science Series

Department of Dairy Science Staff: Ivan L. Mao & Clyde Anderson.

September 1979

6 pages

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# A.I. Sire Summary

This report contains the latest USDA-DHIA genetic evaluation on 328 sires. These are proven sires with semen available through each of the four studs (MABC, Curtiss, Carnation, ABS) 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 \$70 and bulls of other breeds with PD\$\$ less than \$50.



By Dept. of Dair Science Staff: Ivan L. Mao 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 herd mates of zero PD bulls. Prices used were \$10.4 per cwt. for 3.5% milk with a 12.8 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	6	+ 752	-.05	+ 25	+ 76	77 %
Guernsey	37	+ 1079	-.18	+ 36	+ 110	64 %
Holstein	251	+ 1145	-.07	+ 31	+ 107	64 %
Jersey	18	+ 957	-.08	+ 38	+ 105	77 %
Brown Swiss	16	+ 912	-.06	+ 29	+ 91	56 %



REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
AYRSHIRE											
CURTISS											
134172	GEMINI	40A0434	127	285	15	12	92	839	-.14	17	71
136088	SUPER STAR	40A0437	18	29	***	89	49	636	.00	25	70
135624	SHAREHOLDER	40A0436	99	229	10	39	89	628	-.07	17	59
GENETICS - CARNATION											
130952	LEGEND	11A0410	54	155	11	5	85	797	.08	41	100
A B S											
130772	JUMBO	29A7615	12	46	17	3	59	1019	-.05	34	104
134469	STARBOY	29A7613	93	156	10	19	87	591	-.09	13	52
GUERNSEY											
M A B C - SELECT SIRES											
585495	PREMIER	761036	53	114	5	10	82	1112	.08	61	144
579955	B. MAVERICK	761038	70	342	12	19	90	1147	-.01	53	136
583873	PATRICIAN	761030	38	81	11	6	78	1093	-.10	41	117
583872	FANCY	760142	69	141	12	16	85	911	-.17	26	87
577980	CHIEFS BILLY	760529	64	133	14	57	84	734	-.03	32	84
576489	CHEER	760166	16	46	22	16	61	766	-.14	22	74
579293	T C CHIEF	760129	24	27	20	42	61	619	-.15	14	55
CURTISS											
582195	DEACON	40G1010	18	54	10	12	68	1139	.09	63	148
585136	BART	40G1001	87	176	16	30	87	1063	.00	50	127
577154	FLASH	40G1008	25	66	16	2	74	871	-.16	25	84
GENETICS - CARNATION											
575523	CLEVERLANDS	1160215	47	166	11	22	81	853	-.26	14	68
A B S											
586731	TELESTAR	2960796	93	152	10	29	87	1339	.01	64	161
583550	FABIAN	2960788	56	191	23	4	84	1159	.01	56	140
586569	EXTRA	2960798	32	47	4	29	67	951	.00	45	114
585588	TOP PILOT	2960792	54	103	23	18	81	1146	-.29	24	99
585398	MARTIN	2960791	31	53	10	11	73	935	-.19	25	87
580915	FAYVCR	2960784	543	1944	15	18	99	679	.01	33	82
585753	HOLLI	2960817	9	26	24	4	44	701	-.05	28	77



REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
JERSEY											
M A B C - SELECT SIRES											
614850	MERCURY	7J0072	238	618	13	69	95	1613	-.13	68	183
606421	IEB	7J0097	26	78	10	22	71	1302	-.14	52	144
623330	MAGIC	7J0121	7	25	***	44	44	1429	-.26	46	143
617287	EARL	7J0112	5	16	7	0	36	1475	-.33	41	140
611085	PHIL	7J0055	173	540	6	41	94	1238	-.19	43	128
613173	SAMSON	7J0102	120	315	3	71	91	1171	-.16	43	124
615125	TESTER	7J0104	15	41	4	32	52	1079	-.10	45	121
620963	LAD	7J0093	22	35	11	41	62	963	-.00	49	120
623470	HILLEBILLY	7J0099	47	108	7	48	75	831	-.12	30	88
619366	HERITAGE	7J0090	17	41	25	5	62	803	-.10	31	87
617178	DAIRYMAN	7J0085	27	40	17	14	67	942	-.27	21	83
623116	DUTCH TRIUMPH	7J3100	25	34	12	47	61	956	-.29	20	82
CURTISS											
617923	MIDNIGHT	40J0583	8	25	0	16	48	1305	-.30	36	123
606982	FREDERICK	40J0566	369	1663	8	27	98	1021	-.06	46	119
618993	ETHAN ALLEN	40J0582	3	38	0	8	37	1166	-.22	37	116
615053	VIRGINIAN	40J0564	107	182	6	40	89	918	-.26	21	81
621305	BENJAMIN	40J0574	35	42	6	33	66	697	-.14	22	69
622370	DREAMER	40J0585	12	48	14	31	54	638	-.20	13	54
GENETICS - CARNATION											
619994	STARN GENERAL	11J0317	24	69	3	2	73	1828	-.43	47	168
617652	PHILS MILK BOY	24J0301	26	82	2	23	74	811	-.02	43	103
623157	FAVORITE GENERATOR	11J0325	9	14	***	93	36	1064	-.23	31	103
624852	JACKPOT	11J0326	8	11	***	82	31	1034	-.23	30	100
618062	SPARKPLUG	24J0305	13	32	18	0	61	1113	-.35	22	94
622217	SILVER MINT	11J0322	11	27	14	8	51	558	.07	35	78
617655	FAVORITE JUAN	24J0306	23	73	8	15	73	616	.00	31	76
622671	TRISTRAM	11J0323	13	31	5	23	55	846	-.27	17	72
A B S											
620428	JEWELER	29J2785	5	87	0	6	45	1773	-.30	58	179
619710	BRIAR	29J2789	11	22	0	9	53	1429	-.19	53	152
621333	BRAVE SOLDIER	29J2791	9	31	4	19	54	1640	-.42	39	147
616022	BOLD TORONO	29J2788	15	52	4	12	65	1558	-.37	40	143
622721	ADAM	29J2769	16	25	10	48	52	1190	-.16	44	127
619853	PREDICTOR	29J2764	71	217	8	28	88	1201	-.18	43	126
624576	STARCUST	29J2770	13	21	***	95	46	962	-.11	38	106
616323	GOLDEN LAD	29J2784	13	35	3	6	61	623	-.05	36	83
615066	PLUS	29J2742	33	56	16	4	76	687	-.03	32	82
620324	STAR-TREK	29J2749	31	50	8	5	72	787	-.16	24	77
609485	SLEEPING MILESTONE	29J2755	572	2474	11	31	98	644	-.25	9	50
BROWN SWISS											
M A B C - SELECT SIRES											
154912	EVILC	780625	78	123	4	40	85	2347	-.17	70	229
159771	KING	780629	43	59	3	10	75	1454	-.13	42	140
164943	KAYLE	780633	18	23	***	57	48	870	-.03	31	91
161373	HARRIS	780630	23	35	18	39	58	734	.02	32	84
150692	BRUCE	780622	250	780	16	23	96	451	.08	28	63
162885	SUCCESS	780631	21	31	8	44	56	881	-.22	8	62
CURTISS											
163860	STRETCH JIM	4080351	4	34	0	16	32	1093	-.09	32	106
162039	JOE	4080343	100	200	13	34	88	784	-.00	31	86
157480	IKE	4080357	3	16	8	7	32	829	-.07	25	81
162447	VICTOR	4080354	2	24	6	18	27	629	-.03	21	64
GENETICS - CARNATION											
164757	LU ANSON	1180516	22	35	***	74	58	877	-.07	26	85
161170	SMASH	1180522	4	32	0	30	34	503	.00	20	55
A B S											
159994	HAMLET	2983672	9	18	0	8	40	1199	-.13	31	111
155075	CARSCN	2983667	10	38	11	0	54	650	.05	33	81
153837	CITATION	2983650	107	227	16	21	91	653	-.07	18	62
163990	DIABLO	2780002	4	18	***	39	28	631	-.06	18	60



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											
1556373	GLENDELL	7H0477	1820	4296	9	57	99	1918	-.09	55	184
1617266	NUGGET	7H0286	151	257	13	22	92	1652	-.01	62	177
1635844	PETE	7H0900	58	115	6	27	82	1898	-.14	46	171
1590582	WAYNE	7H0191	33	44	4	11	72	1703	-.09	47	161
1690422	MICDESSA	7H0908	2	19	***	39	25	1536	-.01	54	160
1561753	WALKWAY	7H0152	286	605	15	81	96	1671	-.09	46	158
1648394	MONEYMAKER	7H0903	20	44	7	29	62	1494	-.01	52	155
1491007	ELEVATION	7H0058	6346	27754	6	20	99	1516	-.03	50	154
1626813	MARS	7H0401	31	45	8	18	68	1680	-.11	43	154
1665634	BOVA	7H0572	21	28	***	100	54	1726	-.14	40	153
1583197	CONDUCTOR	7H0195	238	337	0	84	94	1405	.01	53	151
1644625	GLEN	7H0457	46	59	0	31	73	1360	-.04	44	137
1667692	MANNIX	7H0907	4	30	***	93	33	1394	-.06	42	136
1646886	HIGH SPCT	7H0448	17	20	7	16	51	1513	-.13	34	133
1618516	INTONE	7H0822	13	20	8	8	50	1363	-.08	37	128
1638402	CALCULATOR	7H0440	29	41	19	15	67	983	.11	52	125
1608425	CINNAMON	7H0241	35	43	8	25	71	1235	-.03	40	124
1648691	HANNIBAL	7H0473	26	38	13	44	62	1189	-.01	42	124
1667366	BELL	7H0543	18	27	***	89	53	1340	-.11	31	119
1584578	EXPLCSION	7H2026	164	426	7	20	94	1351	-.12	30	118
1590112	UK SENSATION	7H0190	231	360	10	21	95	1261	-.08	34	118
1622953	LUCKY ROYAL	7H0902	7	34	0	32	48	1280	-.09	32	117
1643943	LILLYWHITE	7H0466	21	25	***	57	54	1245	-.07	34	117
1604652	GAY	7H0257	113	214	10	35	90	1210	-.06	35	116
1611284	TRAILBLAZER	7H0256	33	42	6	11	70	1270	-.10	31	115
1630345	ROSEMAKE	7H0281	21	22	17	0	54	1119	-.02	37	114
1647872	SECRETARIET	7H0445	23	28	23	29	58	1019	-.03	42	114
1629467	CELEBRITY	7H0291	38	43	11	5	71	1326	-.14	27	113
1632665	D K	7H0821	21	125	4	15	73	1279	-.12	28	112
1630578	STONEWALL	7H0295	26	27	10	13	61	1442	-.21	20	111
1630542	MASTRO	7H0901	7	56	2	8	42	1154	-.07	32	109
1638652	SAMEC	7H0906	10	41	15	18	49	1179	-.10	28	106
1595915	NATE	7H0207	42	54	14	5	77	1226	-.13	25	105
1610590	LANCELOT	7H2111	143	352	6	21	93	972	.00	36	104
1619215	PAL	7H0273	54	75	4	17	79	1237	-.14	23	103
1621881	TOP NOTCH	7H0289	26	28	19	0	61	1443	-.27	10	98
1612786	CHARMING	7H0266	28	40	15	11	68	1017	-.07	27	95
1649576	GEM	7H0905	11	26	0	4	51	1115	-.13	20	92
1628955	ELI	7H0283	37	46	6	15	72	808	.03	34	91
1629120	TREAT	7H0418	29	37	6	0	67	1088	-.12	21	91
1647518	VIADICATOR	7H0456	26	33	11	28	63	1177	-.17	17	91
1649965	DUDE	7H0467	22	30	***	62	57	850	.00	31	90
1618188	BOOTY	7H0820	7	75	4	14	53	981	-.08	23	88
1630245	JOE	7H0402	25	30	11	11	61	813	.00	30	87
1638282	CANDY MAN	7H0425	29	35	15	18	65	948	-.08	23	86
1506745	SKYDEAN	7H0403	455	995	12	31	98	985	-.10	21	85
1602566	LE-DEL	7H0217	45	49	5	7	76	1102	-.16	15	84
1559991	ADMTRAL	7H0156	476	853	15	85	97	1000	-.12	18	82
1616076	VICTCRY	7H0278	27	35	4	10	65	860	-.06	23	80
1634218	POSCH	7H0424	26	39	9	3	67	852	-.05	23	80
1640557	HILL-RANCH	7H2164	35	73	5	20	75	1077	-.17	13	80
1647306	ROYAL REFLECTION	7H5122	26	36	8	53	61	1065	-.17	13	80
1644630	REX	7H0464	19	21	***	50	51	992	-.13	16	79
1563897	OAK	7H0147	467	904	6	61	97	677	.02	28	76
1522595	DUTCHMAN	7H0504	506	932	7	41	97	854	-.09	18	74
1569187	PERCY	7H0166	260	440	8	84	95	595	.04	28	71
1623745	VAR	7H0293	27	34	12	7	65	949	-.16	11	70
1634528	LIBIDO	7H0904	14	37	7	58	57	742	-.05	20	70
CURTISS											
1427381	CHIEF	40H2025	5032	15211	6	3	99	1458	.10	68	173
1623525	PACEMAKER	40H2518	14	54	2	10	65	1771	-.09	50	169
1611492	COLONEL	40H2652	7	35	5	9	47	1423	.03	57	157
1655959	CHICC	40H2270	32	59	13	61	68	1642	-.09	45	155
1645942	BUFF	40H2763	4	20	5	0	33	1602	-.12	40	146
1605637	BICKEN	40H2573	5	46	5	11	40	1400	-.02	47	143
1613255	POLY ROYAL	40H2168	32	58	11	20	72	1380	-.01	48	143
1663720	PABST	40H2294	53	93	36	78	77	1763	-.24	26	138
1625661	MONEY MAKER	40H2655	14	27	0	0	55	1417	-.10	36	130
1654425	BIG JACK	31H0326	11	30	0	15	49	1430	-.12	34	128
1601195	LEO ASTRONAUT	40H2174	15	18	6	0	50	1447	-.13	32	127
1644636	SONNY	33H0023	6	29	0	19	43	1299	-.07	37	124
1650826	WALT	40H2283	27	36	7	51	61	1275	-.07	36	122
1596998	JOSIE	40H2521	6	59	2	18	42	1348	-.11	32	121
1520034	WESTMORELAND	40H2071	1039	2469	10	28	99	1452	-.18	25	118
1566948	HONOR	40H2335	228	447	5	79	94	1334	-.13	29	116
1560362	MAGNET	40H2080	1052	1977	7	20	99	1571	-.26	17	115
1695252	TANLANE	40H2801	12	20	8	24	49	1191	-.06	34	114
1621066	ALBERT	40H2719	5	37	6	11	40	1067	.00	39	113
1655570	FACT FINDER	40H2272	10	14	***	38	40	1267	-.10	30	113
1578135	IVANHOE CHIEF	40H2119	801	1633	12	47	98	1269	-.11	29	112
1640982	EAST STAR	40H2748	9	23	5	0	47	998	.03	41	112
1603912	PAT	40H2563	8	36	3	0	45	1336	-.16	24	110
1585759	GEM	40H2516	8	32	10	6	47	1124	-.06	32	108
1597214	ASTRO DON	40H2534	7	58	4	0	53	965	.03	40	108
1634148	PINOAK	40H2722	3	13	0	0	29	1218	-.11	28	108



REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN -CONTINUED-											
CURTISS -CONTINUED-											
1558140	CHIEFTAIN	40H2288	98	206	10	65	87	881	.07	43	107
1614762	PRINCE	40H2241	23	33	11	39	58	1354	-.18	21	107
1614524	SPRING	40H2596	16	71	5	8	71	1066	-.05	31	103
1600253	HANK	40H2599	8	105	2	0	56	960	-.01	34	100
1654642	GREEN-J	40H2306	54	86	***	80	76	693	.13	45	99
1607814	PARAGON	40H2612	19	54	0	28	65	1182	-.14	21	97
1607605	BEN	40H2169	70	120	4	16	85	1237	-.18	17	95
1638897	DENNY	40H2248	42	67	8	56	73	941	-.02	31	95
1552942	MOONSHCT	40H2137	595	1043	12	17	98	723	.09	40	94
1660651	SQUIRE	40H2301	20	45	***	84	55	955	-.04	28	92
1522330	DOUBLE BEN	40H2177	579	1272	10	15	98	999	-.07	25	91
1590862	KITTY KINGPIN	40H2334	119	220	2	70	89	840	.01	32	91
1618620	FESTUS	40H2198	72	125	7	47	84	863	.00	31	91
1589041	VIGO	40H2396	41	68	22	52	74	1129	-.15	18	90
1651742	DISTINCTION	40H2278	34	40	0	62	64	724	.06	35	88
1607665	SNEAKER	40H2626	13	63	11	3	55	1094	-.15	17	87
1667864	ADMIRAL CHIEF	40H2285	14	21	***	85	45	927	-.06	25	87
1608054	R. P. CHIEF	40H2562	7	38	0	4	44	867	-.03	27	86
1662479	JASON	40H2281	45	76	0	73	73	842	-.02	28	86
1560026	CHARLIE	40H2329	75	121	16	61	81	717	.03	31	82
1574000	STORMEY	40H2371	59	143	0	64	81	827	-.03	26	82
1570678	LUCIFER	40H2572	5	40	0	17	39	928	-.10	19	79
1658173	IRISH	40H2296	11	12	***	100	34	858	-.07	21	78
1666404	BOOTS	40H2312	8	11	***	100	31	805	-.04	23	77
1561673	JO-DAN	31H0085	46	164	13	32	82	963	-.14	14	75
1629269	STARLITE	40H2203	17	23	23	32	53	848	-.09	18	73
1603277	EMBLEM	40H2493	10	35	0	53	53	772	-.05	20	71
1625536	IVAN-DE STAR	40H2734	7	35	4	20	45	833	-.09	17	71
1458744	ASTRONAUT	40H0096	8741	34104	7	6	99	707	-.02	22	70
GENETICS - CARNATION											
1624803	STAR MATADOR	24H0706	18	32	7	0	62	1439	-.10	68	172
1591773	ASTRC MINER	24H0828	14	43	0	4	69	1418	-.14	45	142
1600222	BLAZE	11H0167	19	43	10	16	60	1371	-.04	44	137
1649214	PONCHO	11H2017	12	38	***	65	53	1482	-.10	38	136
1628813	VIRGINIAN	11H0169	21	57	6	6	69	1034	-.10	52	128
1595067	STAR PERFORMER	24H0692	20	42	6	0	67	1523	-.17	29	127
1633263	SHINER	11H1076	10	18	6	0	50	1115	-.03	45	124
1620654	NEEDLE MASTER	11H0142	9	3	0	0	44	1280	-.07	35	121
1622306	ADA	11H0177	3	24	4	0	30	1293	-.09	33	119
1647517	LIBERATOR	11H1118	12	25	15	42	48	1297	-.10	32	118
1600743	PER FILARY	11H1012	11	17	14	0	50	1489	-.21	21	115
1626131	S BOKANZA	11H1124	6	14	14	0	39	1307	-.12	29	114
1664477	SITTING BULL	11H1125	6	27	***	63	40	1089	.00	39	114
1675049	JEWEL CHIEF	11H2048	10	23	***	87	44	872	.10	47	112
1610326	KINGPIN HCC DOO	24H0702	13	62	9	2	62	1167	-.06	33	111
1590759	APOLLO KING	11H1010	38	63	0	34	75	1195	-.08	31	110
1653973	LAYTON	11H2023	13	19	***	68	44	972	.04	41	110
1616522	COUNTRY KING	11H0172	15	54	0	9	64	902	.07	43	108
1611016	COLUMBUS	24H0652	220	637	6	62	95	869	.08	43	106
1661728	ADVENTURER	11H2906	7	36	0	49	43	1075	-.05	32	105
1602681	PER STERLING	24H0550	8	32	4	0	53	1079	-.05	31	104
1626486	CHAMP	11H1096	16	27	4	4	60	1041	-.03	33	104
1681628	DELMAR	11H1194	7	16	***	81	39	816	.08	42	102
1624877	PAYMASTER	11H0173	22	46	12	2	67	1170	-.11	25	101
1638983	SONNY-RAY	11H1071	9	11	***	11	38	1007	-.03	32	101
1585846	IDEAL	11H0112	80	118	16	11	86	1344	-.22	15	99
1619057	STAR	11H1056	23	37	17	3	65	1092	-.08	27	99
1667575	DANMAR MONARCH	11H2044	14	23	***	48	49	1138	-.11	24	98
1641163	STARTRAITS	11H1099	15	19	29	0	48	992	-.05	29	96
1650402	GOVERNOR KINGPIN	11H1127	10	16	***	94	39	801	.06	38	96
1625916	PRETZEL	11H1097	32	46	9	3	72	988	-.05	28	94
1612677	EL CAPITAN	11H1057	17	29	5	8	57	976	-.07	25	93
1550906	APCLLO EIGHT	11H0157	80	320	4	51	89	949	-.08	22	84
1647355	TOTAL	11H1174	31	89	7	28	76	904	-.06	24	84
1587798	STARMAKER	24H0826	181	373	6	27	94	1215	-.23	9	83
1559080	LAVACRES MAPLE	24H0626	73	276	9	77	89	852	-.04	25	82
1657222	ELEVATION JOE	11H2004	12	31	8	43	53	1063	-.16	15	82
1615610	CLIPPER	11H0174	9	19	8	0	47	1001	-.13	17	81
1536957	FIRST MILLION	11H0084	1019	2361	9	45	99	789	-.12	25	79
1649575	MARKSMAN	11H1122	9	18	0	6	45	840	-.05	23	79
1616375	TERRY	11H0460	13	47	0	46	59	922	-.10	18	78
1661786	SABER	11H2002	8	11	***	27	35	842	-.06	21	77
1598286	KINGPIN JOEY	11H1005	18	61	5	3	66	865	-.08	19	76
1644733	COMMANDER KINGPIN	11H1119	11	21	0	16	50	962	-.13	15	76
1665016	LOVE	11H2030	9	19	***	47	43	879	-.09	19	76
1667323	GRAND KNIGHT	11H1165	8	10	***	100	32	662	.03	29	76
1557735	MARINE	11H0166	14	60	0	29	57	745	-.04	21	71
1608084	ARISTOCRAT	11H0124	59	91	12	14	82	557	.07	30	71
1669327	TRIUNE PABST	11H1187	7	12	***	40	34	796	-.07	18	70
1670356	REFORM	11H1160	12	17	***	76	43	708	-.03	22	70
A B S											
1647455	CHRIS	29H2811	56	75	8	18	78	2191	-.30	30	168
1650414	VALIANT	29H2851	25	36	10	6	65	1587	-.04	52	161
1556820	GERRI	29H2434	824	1442	9	64	98	1572	-.04	51	158
1635912	OVER ARCH	29H2794	36	44	10	0	70	1517	-.03	51	155
1642993	MONEY-MAKER	29H2847	34	38	6	6	67	1783	-.20	33	148



REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
HOLSTEIN -CONTINUED-											
A B S -CONTINUED-											
1648493	BROOK	29H2856	21	25	11	17	57	1567	-.10	42	147
1631223	MARS	29H2786	24	29	4	3	63	1676	-.16	35	144
1603894	HARVEST	29H2650	33	39	3	6	72	1635	-.15	36	143
1669592	MARVIN	29H2969	18	20	***	90	48	1496	-.09	41	141
1602410	BOUQUET	29H2655	27	34	9	0	68	1300	.01	49	140
1616359	BUD	29H2694	24	28	9	0	63	1322	.00	48	140
1564328	DEMAND	29H2510	451	805	5	73	97	1899	-.31	20	138
1671167	SUPERMAN	29H2985	15	24	***	96	50	1523	-.12	37	138
1518703	BELMONT	29H1948	1158	2669	10	34	99	1556	-.14	34	136
1634703	AARON	29H2776	33	50	7	5	72	1373	-.04	43	136
1672121	SPOT	29H3018	20	24	***	96	52	1389	-.09	37	130
1663473	DIPLMAT	29H2915	21	30	0	21	60	1299	-.04	41	129
1593263	CHIP	29H3200	16	38	15	15	61	1489	-.15	31	128
1575285	IMPERIAL KNIGHT	29H2501	161	261	9	73	91	1088	.06	49	127
1670654	CYPRESS	29H3032	10	18	***	89	42	1063	.07	50	127
1660592	WALK	29H2894	23	32	5	31	61	1380	-.10	35	126
1591335	LINDY	29H2592	23	30	10	5	65	1461	-.15	30	125
1638034	MARKER	29H2809	29	29	8	0	62	1407	-.13	31	123
1662717	PRIME MOVER	29H2880	29	40	3	18	66	1193	-.02	41	123
1673806	BELLE	29H3017	15	33	***	79	56	1258	-.05	38	123
1633540	LEE	29H2873	18	29	4	7	61	1374	-.12	32	122
1621350	WHITESTAR	29H2671	28	33	11	0	67	1328	-.10	33	121
1634846	AMITY	29H2767	25	35	3	0	67	1279	-.07	35	121
1673127	LIMINOUS	29H3029	22	26	***	100	54	1201	-.03	39	121
1450228	BOOTMAKER	29H1881	6828	24126	6	7	99	1267	-.08	34	119
1608372	STANOUT STAR	29H2669	24	39	3	0	68	1354	-.12	30	119
1629385	MILESTONE	29H2785	104	158	6	16	88	1527	-.21	22	119
1570322	FOND MASTER	29H3225	10	70	6	11	54	979	.07	46	117
1587904	SEAMAN PAUL	29H2581	28	32	0	22	66	1243	-.07	34	117
1639748	PLAYBOY	29H2833	20	24	0	5	56	1480	-.20	22	116
1650496	BOOT BUILDER	29H2859	30	39	12	18	66	1362	-.14	28	116
1664494	CAL	29H2905	43	56	6	27	73	1401	-.16	26	116
1647417	PAL	29H2863	29	38	7	13	65	1587	-.28	14	112
1633380	FROSTY	29H2779	25	31	16	0	63	1182	-.07	32	111
1672322	JORDAN	29H3050	31	38	***	95	62	1436	-.21	20	111
1672519	BREAKTHROUGH	29H2929	27	35	10	37	63	1105	-.04	34	109
1594937	BAMA	29H3210	11	39	4	12	96	1178	-.09	29	107
1632075	GEMINI	29H2770	76	120	3	28	85	901	.06	42	107
1563675	ART	29H2417	612	1193	8	70	98	812	.10	44	104
1564147	GRAND SUPREME	29H2465	803	1515	12	77	98	1564	-.31	9	104
1671336	CHECKMATE	29H3006	30	37	***	92	62	1085	-.06	31	104
1608365	ANN MAPLE	29H3385	2	34	0	3	33	671	-.17	49	102
1635790	LADDIE BOB	29H2789	22	32	18	3	64	1312	-.19	18	101
1601125	BULLY THE KID	29H3370	5	35	6	6	45	1144	-.11	25	100
1665670	CEDAR	29H3024	11	17	***	94	42	1104	-.09	27	100
1672151	SEXATION	29H2960	19	27	0	50	53	885	.03	37	100
1659046	LINE CHIEF	29H2932	13	19	10	28	47	890	.02	36	99
1664033	MON	29H2916	21	27	0	31	56	1154	-.12	23	98
1644615	TONI	29H2798	25	30	17	0	63	895	.01	34	97
1658837	EXCELLON	29H2875	41	66	10	42	74	973	-.03	31	97
1640803	ARIEL	29H2804	24	30	11	0	63	1280	-.20	15	95
1609575	BLACKCAP	29H2662	26	35	3	0	69	789	.05	36	93
1577795	SUNSHINE	29H2477	680	1271	14	83	98	606	.15	44	92
1615545	MAPLE BEN	29H2665	30	39	12	0	70	834	.02	33	92
1656640	TOP PROSPECT	29H2899	28	30	14	27	62	1037	-.09	24	92
1630990	TRAILMAKER	29H2744	36	44	11	3	72	960	-.05	27	91
1636144	ASTROTURF	29H2783	30	40	15	0	69	1141	-.15	18	91
1663500	AUTOCRAT	29H2984	24	28	***	71	96	1032	-.10	23	91
1615951	BLACK STAR	29H2679	30	38	12	0	70	998	-.08	24	90
1627199	LOVER	29H2749	21	24	0	0	60	963	-.06	26	90
1669739	KINGROYAL	29H3020	12	17	***	94	43	1109	-.14	19	90
1648032	TAURUS	29H2831	39	61	0	20	74	1034	-.10	22	89
1658701	KING	29H2917	32	38	4	28	65	1141	-.16	17	89
1589857	THADDEUS	29H3140	14	66	7	27	55	1038	-.11	21	88
1669038	FLEET	29H2936	20	31	0	54	58	1102	-.14	18	88
1629592	KITKEN	29H2751	21	23	15	0	59	884	-.04	26	86
1636562	LIFT OFF	29H2830	59	123	6	26	83	1050	-.13	18	85
1654905	IMAGE	29H2893	22	22	10	43	52	763	.02	31	85
1608374	ASTRO ROCKET	29H2668	36	45	5	0	73	755	.02	31	84
1633783	SHINE	29H2814	22	25	14	4	59	728	.04	32	84
1617071	BOCT-NICK	29H2719	115	183	7	26	89	948	-.09	21	83
1648465	ORMSBY	29H2825	86	126	7	47	85	1096	-.18	13	82
1659570	HECTOR	29H2904	15	17	20	35	46	816	-.02	26	82
1653334	CHIEF PABLO	29H2864	32	37	10	9	66	1074	-.18	12	79
1593395	TOP COMMAND	29H2588	29	45	10	0	73	647	.05	31	78
1603217	GAY MAN	29H3335	8	35	3	9	49	826	-.05	23	78
1599185	MISTER-RED	29H2822	9	47	0	29	50	955	-.12	16	77
1611956	KNIGHT	29H2691	33	46	8	0	73	1036	-.17	12	77
1613580	RUMLER	29H3350	8	26	0	0	51	840	-.06	21	77
1621095	ASTRA ROSE	29H3400	14	38	0	17	60	468	.14	37	75
1608590	MONARCH	29H3395	6	30	0	0	45	846	-.09	18	73
1646702	SUNTRAIL	29H2836	18	21	15	0	54	892	-.11	16	73
1541533	FOND BILLY	29H2389	601	1312	13	70	98	735	-.04	21	70