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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 & Roger R. Neitzel, with technical assistance from, Ted Ferris.

May 1979

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# A.I. Sire Summary

This report contains the latest USDA-DHIA genetic evaluation on 311 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 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 \$70 and bulls of other breeds with PD\$\$ less than \$50.



By Dept. of Dairy Science Staff: Ivan L. Mao and Roger R. Neitzel with technical assistance from Ted Ferris.

## 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 \$9.50 per cwt. for 3.5% milk with an 11.4 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	+ 770	-.05	+24	+ 77	80%
Guernsey	39	+1001	-.16	+35	+104	60%
Holstein	234	+1110	-.08	+28	+102	63%
Jersey	19	+ 895	-.05	+37	+100	72%
Brown Swiss	14	+ 960	-.07	+30	+ 95	51%

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	111	236	14	11	90	800	-.13	17	69
135624	SHAREHOLDER	40A0436	69	143	14	41	84	570	-.08	14	52
GENETICS - CARNATION											
130952	LEGEND	11A0410	52	150	12	3	84	812	.10	43	103
A B S											
130772	JUMBO	29A7615	12	42	19	7	57	1022	-.07	32	101
134469	STARBOY	29A7613	77	129	11	19	84	648	-.09	15	58
GUERNSEY											
M A B C - SELECT SIRES											
579953	B. MAVERICK	761038	52	269	12	27	87	1214	.00	57	145
585495	PREMIER	761036	46	99	3	22	79	955	.05	50	121
583873	PATRICIAN	761030	37	74	12	6	77	1084	-.13	38	113
583872	FANCY	760142	58	116	11	28	82	828	-.18	21	76
576489	CHEER	760166	9	38	24	3	55	748	-.14	21	71
579293	T C CHIEF	760129	18	19	20	17	54	749	-.14	21	71
577980	CHIEFS BILLY	760529	41	65	10	47	75	581	.00	27	69
CURTISS											
582195	DEACON	40G1010	17	46	8	16	65	1267	.03	63	156
585136	BART	40G1001	68	129	16	26	83	1177	-.01	55	140
577154	FLASH	40G1008	25	65	16	4	74	882	-.15	26	85
A B S											
586731	TELESTAR	29G0796	69	108	11	51	81	1255	.01	60	151
583550	FABIAN	29G0788	44	167	24	13	81	1243	-.01	58	148
586569	EXTRA	29G0798	23	32	***	81	57	901	-.03	40	105
586159	ZORO	29G0799	20	29	0	55	55	727	-.01	33	85
580919	FAYVOR	29G0784	491	1634	15	11	98	653	.00	31	78
585398	MARTIN	29G0791	27	45	8	5	69	790	-.16	21	74
585753	HOLLI	29G0817	8	25	17	4	41	638	-.02	28	74
584974	BON	29G0793	31	53	10	20	71	418	-.17	36	71
585588	TOP PILOT	29G0792	42	76	25	22	76	899	-.28	14	71

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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											
614850	MERCURY	7J0072	110	256	14	47	90	1566	-.11	68	180
617287	EARL	7J0112	5	16	0	7	35	1411	-.32	39	133
606421	IEB	7J0097	17	59	10	25	62	1159	-.14	45	126
620963	LAD	7J0093	13	22	8	24	49	964	-.02	47	117
615125	TESTER	7J0104	5	28	6	28	37	985	-.08	42	112
611085	PHIL	7J0095	114	339	4	46	91	1093	-.19	36	111
619366	HERITAGE	7J0090	16	37	26	3	59	971	-.14	35	102
621330	JOY	7J0116	5	25	0	40	40	1037	-.25	28	97
617178	DAIRYMAN	7J0085	23	33	19	10	64	981	-.25	25	90
613173	SAMSON	7J0102	34	108	4	38	74	918	-.20	27	89
621642	BANKER	7J3093	13	34	9	24	54	594	.06	36	81
618381	JUDGE	7J0087	10	14	10	17	41	745	-.15	23	74
616611	NOBLE	7J0074	23	32	13	0	66	486	.06	30	67
623470	HILLBILLY	7J0099	31	64	13	67	68	527	-.10	17	53
CURTISS											
617923	MIDNIGHT	40J0583	8	22	0	5	46	1282	-.29	36	122
606982	FREDERICK	40J0566	275	1213	9	15	97	1017	-.06	45	118
618993	ETHAN ALLEN	40J0582	2	37	0	11	36	1100	-.21	35	110
615053	VIRGINIAN	40J0564	64	104	6	24	84	1004	-.25	26	93
621309	BENJAMIN	40J0574	23	25	***	58	53	834	-.15	28	85
622370	DREAMER	40J0585	5	31	20	19	32	828	-.14	28	85
617586	PARSON	40J0568	66	135	14	13	85	819	-.26	16	69
GENETICS - CARNATION											
619994	STARN GENERAL	11J0317	21	61	4	11	70	1949	-.39	56	187
617652	PHILS MILK BOY	24J0301	24	66	3	23	72	829	-.01	41	102
618062	SPARKPLUG	24J0305	11	29	19	0	58	1082	-.37	18	87
622217	SILVER MINT	11J0322	9	23	14	9	46	616	.02	33	79
617655	FAVORITE JUAN	24J0306	21	61	8	2	71	599	.02	32	76
613308	TRIS BANNER	24J0616	29	74	7	72	73	567	.03	31	73
620479	MODEL QUICKSILVER	24J0312	9	28	13	7	46	539	.02	29	69
A B S											
620428	JEWELER	29J2785	4	76	0	11	43	1751	-.34	53	171
619710	BRIAR	29J2789	10	22	0	5	51	1489	-.24	51	153
616022	BOLD TORONO	29J2788	13	48	5	15	63	1578	-.38	40	145
621333	BRAVE SOLDIER	29J2791	9	28	0	18	50	1558	-.39	38	141
619853	PREDICTOR	29J2764	57	171	7	29	84	1204	-.19	42	125
622721	ADAM	29J2769	12	14	***	100	38	1043	-.13	40	113
615066	PLUS	29J2742	30	51	17	2	74	862	-.06	38	100
618376	ORACLE	29J2752	20	39	3	8	64	870	-.18	27	86
620856	RELIANCE	29J2758	19	32	0	31	59	830	-.22	21	76
620324	STAR-TREK	29J2749	27	43	9	5	68	806	-.21	21	75
616323	GOLDEN LAD	29J2784	13	32	4	4	60	565	.04	32	74
BROWN SWISS											
M A B C - SELECT SIRES											
154912	EVILO	780625	49	81	4	19	80	2237	-.14	70	222
159771	KING	780629	40	53	3	14	73	1316	-.09	41	130
162885	SUCCESS	780631	14	15	***	23	43	1048	-.21	15	81
150000	CEDRIC	780632	32	65	9	38	68	572	.09	34	77
CURTISS											
163860	STRETCH JIM	4080351	3	29	0	9	29	1103	-.08	34	109
157480	IKE	4080357	2	15	9	15	29	934	-.05	31	95
162456	REWARD	4080358	1	11	***	10	19	900	-.07	28	89
162447	VICTOR	4080354	2	18	8	25	25	800	-.02	30	86
162039	JOE	4080343	72	146	12	40	84	640	-.05	20	63
GENETICS - CARNATION											
152968	ROCKY	1180519	13	36	4	13	58	632	-.10	13	54
A B S											
163990	DIABLO	2780002	3	11	***	64	25	929	-.03	33	97
159994	HAMLET	2983672	8	16	0	9	36	987	-.15	21	85
155075	CARSON	2983667	10	38	11	0	53	681	-.05	34	84
153857	CITATION	2983650	89	196	14	12	90	662	-.09	15	58

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
HOLSTEIN											
M A B C - SELECT SIRES											
1617266	NUGGET	7H0286	128	200	13	23	90	1728	.01	64	184
1590582	WAYNE	7H0191	27	38	0	10	69	1855	-.10	51	175
1583197	CONDUCTOR	7H0195	52	59	0	16	78	1663	-.02	58	173
1635843	PETE	7H0900	46	81	6	32	76	1940	-.16	44	171
1556373	GLENDELL	7H0477	1080	2126	7	65	99	1777	-.10	48	167
1491007	ELEVATION	7H0058	5687	23452	6	18	99	1520	-.04	49	153
1648394	MONEYMAKER	7H0903	14	34	0	42	53	1504	-.03	50	153
1644629	GLEN	7H0457	23	29	***	62	56	1520	-.10	40	141
1626813	MARS	7H0401	24	33	4	17	60	1444	-.08	40	137
1591925	OLLIE	7H0193	53	61	12	7	79	1242	.03	49	136
1608425	CINNAMON	7H0241	32	38	8	11	67	1444	-.09	39	135
1619215	PAL	7H0273	41	53	3	19	71	1408	-.12	33	126
1611284	TRAILBLAZER	7H0256	28	36	7	9	66	1318	-.11	31	118
1584578	EXPLOSION	7H2026	148	348	7	29	93	1308	-.11	30	116
1638580	LUXURY	7H0417	31	40	14	22	66	1221	-.07	33	115
1604652	GAY	7H0257	89	124	9	34	85	1239	-.09	31	113
1590112	UK SENSATION	7H0190	189	279	10	14	93	1207	-.08	32	112
1646886	HIGH SPOT	7H0448	12	16	***	35	42	1286	-.12	28	112
1610590	LANCELOT	7H2111	118	273	6	32	91	1146	-.06	33	110
1529276	MICAH	7H0242	1011	2199	11	16	99	1065	-.02	35	108
1634218	POSCH	7H0424	25	37	7	25	64	1249	-.13	26	107
1638402	CALCULATOR	7H0440	25	33	24	36	59	861	-.08	44	107
1618516	INTONE	7H0822	12	19	8	8	48	1152	-.08	29	105
1632665	D K	7H0821	19	88	4	15	69	1220	-.08	25	104
1595519	NATE	7H0207	38	48	11	3	75	1198	-.12	25	103
1629467	CELEBRITY	7H0291	36	41	12	0	69	1225	-.13	24	103
1649576	GEM	7H0905	10	25	0	25	48	1150	-.10	27	103
1630245	JOE	7H0402	22	25	11	17	56	996	-.01	34	102
1630345	ROSEMAKE	7H0281	20	21	9	30	51	1094	-.07	29	102
1612786	CHARMING	7H0266	27	37	16	9	66	1056	-.06	29	100
1622953	LUCKY ROYAL	7H0902	6	24	0	5	41	1187	-.13	23	100
1561753	WALKWAY	7H0152	115	139	10	62	87	1149	-.12	23	97
1637872	MIDAS	7H0439	21	25	17	39	54	981	-.04	30	96
1577549	MEGADICTION	7H0171	25	32	9	12	67	1138	-.14	20	93
1638286	CANDY MAN	7H0425	23	27	10	19	58	977	-.06	27	92
1629120	TREAT	7H0418	27	34	8	13	63	1060	-.12	21	90
1630578	STONEWALL	7H0295	22	22	11	10	56	1194	-.19	15	90
1640557	HILL-RANCH	7H2164	29	45	5	45	67	1027	-.12	19	85
1522595	DUTCHMAN	7H0504	344	594	6	47	96	964	-.09	21	84
1576002	ROB	7H0174	31	39	7	6	70	1007	-.12	19	84
1630542	MASTRO	7H0901	5	48	0	7	37	919	-.08	22	83
1602569	LE-DEL	7H0217	43	47	5	7	75	1066	-.17	13	80
1618618	BOOTY	7H0820	10	52	4	15	48	934	-.10	19	80
1634528	LIBIDO	7H0904	10	25	0	50	48	879	-.07	22	80
1490217	DAGAN J	7H0430	177	344	10	25	93	733	-.01	28	79
1506745	SKYDEAN	7H0403	356	669	13	26	97	958	-.12	17	78
1616076	VICTORY	7H0278	23	29	0	11	60	832	-.06	22	77
1563897	OAK	7H0147	245	375	5	60	94	720	-.00	26	76
1611955	SALINA	7H0819	6	87	15	12	45	812	-.06	21	75
1625955	ELI	7H0283	31	36	7	3	66	707	-.00	26	75
1601151	GEOFFREY	7H0244	25	29	26	12	62	867	-.09	18	74
1629837	ROLAND	7H0410	22	25	0	12	56	898	-.11	16	74
1536047	GO	7H0127	737	1423	11	36	98	885	-.11	16	73
1621881	TOP NOTCH	7H0289	26	27	19	8	58	1189	-.28	1	72
1569187	PERCY	7H0166	72	83	4	38	82	716	-.03	22	71
CURTISS											
1427381	CHIEF	40H2025	4879	14744	6	2	99	1444	.09	66	170
1623525	PACEMAKER	40H2518	12	49	2	6	63	1723	-.09	48	163
1611492	COLONEL	40H2652	5	28	6	15	40	1413	.03	56	155
1645942	BUFF	40H2763	4	19	10	47	30	1751	-.15	40	155
1613259	POLY ROYAL	40H2168	26	46	13	33	66	1333	-.04	42	133
1605637	BICKEN	40H2573	5	43	5	7	39	1349	-.05	41	132
1603912	PAT	40H2563	5	34	4	0	41	1458	-.13	33	129
1625661	MONEY MAKER	40H2655	13	25	0	16	52	1379	-.12	32	123
1560026	CHARLIE	40H2329	26	54	17	42	60	1251	-.07	34	118
1607814	PARAGON	40H2612	14	41	0	22	58	1352	-.14	28	116
1600253	HANK	40H2599	8	105	2	0	55	1127	-.02	38	115
1655959	CHICO	40H2270	11	23	***	70	45	1206	-.10	29	109
1520034	WESTMORELAND	40H2071	843	1808	9	23	99	1345	-.17	22	108
1585759	GEM	40H2516	6	30	10	0	44	1117	-.06	32	107
1596998	JOSIE	40H2521	5	52	2	9	40	1195	-.10	28	107
1601195	LEO ASTRONAUT	40H2174	15	18	9	35	49	1289	-.15	24	107
1614523	SPRING	40H2596	16	64	6	9	69	1180	-.09	29	107
1560362	MAGNET	40H2080	894	1657	7	16	99	1466	-.26	13	103
1634148	PINOAK	40H2722	3	13	0	0	28	1205	-.12	25	103
1621066	ALBERT	40H2719	4	31	5	23	36	989	-.02	33	101
1592942	MOONSHOT	40H2137	496	870	12	19	97	806	.07	40	99
1597214	ASTRO DON	40H2534	7	58	4	6	53	897	.02	36	99
1695258	TAMLANE	40H2801	10	16	8	8	46	1053	-.06	29	99
1650826	WALT	40H2283	19	23	***	83	48	908	.00	33	96
1638897	DENNY	40H2248	27	42	***	80	62	960	-.05	28	93
1663720	PABST	40H2294	22	30	***	93	54	1332	-.24	11	93
1618620	FESTUS	40H2198	46	66	7	51	74	950	-.06	26	90
1640982	EAST STAR	40H2748	8	21	0	25	42	777	.04	34	90
1661045	DEAN	40H2800	7	34	0	53	38	1044	-.12	20	87

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-											
1566948	HONOR	40H2335	70	129	5	64	83	1113	-.16	16	86
1578139	IVANHOE CHIEF	40H2119	516	977	12	23	98	1035	-.12	19	86
1614762	PRINCE	40H2241	12	21	18	45	44	1149	-.18	14	86
1603277	EMBLEM	40H2493	4	19	0	0	37	801	-.02	26	81
1607665	SNEAKER	40H2626	11	57	12	5	51	1038	-.15	15	81
1561673	JO-DAN	31H0085	30	107	12	24	76	1042	-.16	14	80
1593924	MARATHON	40H2491	11	77	4	16	57	957	-.11	18	80
1593407	ADVANCER	40H2139	316	638	6	11	97	873	-.07	21	79
1522330	DOUBLE BEN	40H2177	500	1074	10	18	98	882	-.08	20	78
1592662	SILVER DEAN	40H2155	20	36	3	9	62	363	.21	43	77
1558140	CHIEFTAIN	40H2288	29	90	10	39	69	724	-.01	25	75
1607605	BEN	40H2169	62	105	0	23	82	1059	-.19	10	75
1620377	MILK	40H2711	10	29	10	26	47	1001	-.16	12	75
1586721	SLEEPY	40H2494	8	48	3	14	57	736	-.02	24	74
1540435	SKY	40H2267	63	185	3	32	81	916	-.12	15	73
1608054	R. P. CHIEF	40H2562	6	27	0	5	42	750	-.04	22	73
1458744	ASTRONAUT	40H0096	8379	32380	7	5	99	737	-.03	22	72
1589041	VIGO	40H2396	12	35	22	3	58	959	-.15	12	72
1519107	TONY	40H2175	862	1798	10	14	99	636	.01	25	70
GENETICS - CARNATION											
1624803	STAR MATADOR	24H0706	17	26	8	0	58	1378	.08	63	162
1591773	ASTRO MINER	24H0828	13	35	0	0	57	1507	-.06	46	148
1600222	BLAZE	11H0167	12	36	3	8	53	1550	-.08	44	148
1628813	VIRGINIAN	11H0169	18	55	5	8	68	1085	.05	47	124
1590759	APOLLO KING	11H1010	28	48	0	27	70	1369	-.11	33	123
1595067	STAR PERFORMER	24H0692	20	41	6	6	67	1477	-.18	26	121
1610326	KINGPIN HOO DOO	24H0702	12	61	8	5	61	1288	-.08	35	121
1600743	PER HILARY	11H1012	11	16	14	0	49	1501	-.20	23	118
1622306	ADA	11H0177	3	25	4	0	29	1250	-.11	29	111
1559080	LAVACRES MAPLE	24H0626	23	61	9	33	69	1109	-.05	33	108
1647517	LIBERATOR	11H1118	12	17	***	47	43	1303	-.15	24	108
1624877	PAYMASTER	11H0173	21	41	13	7	64	1232	-.12	27	107
1626131	S BONANZA	11H1124	8	12	***	33	35	1221	-.11	27	107
1620654	NEEDLE MASTER	11H0142	8	11	***	33	40	1103	-.06	31	105
1644733	COMMANDER KINGPIN	11H1119	8	15	***	33	39	1143	-.11	25	100
1616522	COUNTRY KING	11H0172	14	52	0	5	62	835	.06	39	99
1557735	MARINE	11H0166	11	43	0	22	48	958	-.02	32	98
1571012	COLUMBUS	24H0652	107	248	9	67	89	878	.02	35	97
1633263	SHINER	11H1076	10	17	7	12	47	909	.01	34	97
1638983	SONNY-RAY	11H1071	8	10	***	13	34	1058	-.08	27	97
1626486	CHAMP	11H1096	15	26	5	13	56	947	-.02	31	96
1585846	IDEAL	11H0112	88	105	17	1	84	1296	-.22	13	93
1602681	PER STERLING	24H0550	6	31	4	7	52	968	-.05	28	93
1620490	IVANHOE STANDOUT	11H0171	12	22	12	19	50	1011	-.10	22	88
1587798	STARMAKER	24H0826	140	272	5	28	92	1223	-.22	11	86
1667575	DANMAR MONARCH	11H2044	12	17	***	94	42	1083	-.16	15	83
1619057	STAR	11H1056	20	34	17	3	62	878	-.06	23	81
1625916	PRETZEL	11H1097	27	39	10	9	66	893	-.07	22	81
1655243	TOM	11H2020	8	13	***	62	33	935	-.09	20	81
1608084	ARISTOCRAT	11H0124	48	74	14	17	78	652	.06	32	80
1642876	KEY	11H1106	8	12	***	50	36	830	-.05	23	79
1649214	PONCHO	11H2017	9	18	***	72	41	851	-.06	22	79
1639961	SATURN	11H1116	6	34	5	38	43	697	.02	29	78
1661728	ADVENTURER	11H2006	6	28	***	61	37	779	-.03	24	77
1616379	TERRY	11H0460	12	22	0	43	50	921	-.11	17	76
1581130	LA RARE	11H0165	18	59	6	4	68	1047	-.19	9	74
1615618	CLIPPER	11H0174	9	18	8	0	42	942	-.13	14	74
1536957	FIRST MILLION	11H0084	740	1398	9	46	98	735	-.02	23	73
1613763	JULIETTE	11H1050	11	34	12	0	56	840	-.08	18	73
1598286	KINGPIN JOEY	11H1005	16	58	5	0	63	819	-.08	18	72
1657222	ELEVATION JOE	11H2004	10	19	***	61	42	854	-.09	17	72
1517422	WALLIE	24H0220	350	955	11	20	97	717	-.03	22	71
1606122	STARHSFORD	11H1046	17	37	0	31	62	1023	-.19	8	71
A B S											
1637672	WINJAMMER	29H2758	32	44	8	0	71	1730	-.06	53	170
1635912	OVER ARCH	29H2794	34	40	11	8	66	1519	-.02	52	156
1647459	CHRIS	29H2811	46	58	12	41	72	2015	-.27	29	156
1650414	VALIANT	29H2851	24	33	6	24	60	1581	-.07	46	152
1593263	CHIP	29H3200	12	32	15	0	56	1733	-.16	38	151
1603894	HARVEST	29H2650	30	36	3	3	70	1721	-.16	37	149
1602410	BOUQUET	29H2655	26	33	9	0	67	1350	.00	49	143
1642993	MONEY-MAKER	29H2847	29	31	0	23	60	1703	-.19	32	142
1663473	DIPLOMAT	29H2915	16	23	***	91	51	1339	-.03	44	136
1518703	BELMONT	29H1948	796	1605	10	40	98	1550	-.16	32	133
1608369	ANN MAPLE	29H3385	2	29	0	19	29	1020	.13	57	133
1621350	WHITESTAR	29H2671	28	33	11	0	66	1472	-.12	35	132
1629121	TRADITION	29H2754	25	28	5	5	62	1496	-.13	34	132
1587904	SEAMAN PAUL	29H2581	24	28	0	11	63	1383	-.08	38	131
1591335	LINDY	29H2592	21	28	11	5	63	1591	-.18	29	131
1556820	GERRI	29H2434	386	542	8	80	96	1377	-.08	37	129
1664494	CAL	29H2905	28	38	***	71	62	1519	-.16	30	128
1564328	DEMAND	29H2510	174	255	4	48	92	1758	-.30	17	126
1616359	BUD	29H2694	20	24	10	5	59	1129	.03	45	124
1629385	MILESTONE	29H2785	89	134	4	21	86	1611	-.23	22	124
1648493	BROOK	29H2856	19	23	10	50	52	1297	-.07	37	124
1450228	BOOTMAKER	29H1881	6454	22806	6	5	99	1269	-.08	34	119

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-											
1648265	BEE	29H2839	27	37	17	58	62	1123	.00	41	119
1634846	AMITY	29H2767	24	33	4	0	64	1272	-.09	33	118
1633540	LEE	29H2873	18	27	0	27	56	1241	-.07	34	117
1594937	BAMA	29H3210	10	54	5	6	54	1245	-.09	32	115
1570322	FOND MASTER	29H3225	11	64	7	20	55	933	.08	46	114
1651488	ERIC	29H2871	22	26	***	60	54	1149	-.04	35	113
1631223	MARS	29H2786	23	28	4	0	60	1378	-.17	24	112
1608372	STANDOUT STAR	29H2669	24	39	3	0	67	1264	-.12	28	111
1639748	PLAYBOY	29H2833	18	22	0	40	50	1379	-.17	23	111
1650496	BOOT BUILDER	29H2859	24	30	18	43	57	1311	-.15	25	110
1634703	AARON	29H2776	31	47	8	5	69	1062	-.02	35	108
1635790	LADDIE BOB	29H2789	22	33	17	16	62	1364	-.18	21	108
1662717	PRIME MOVER	29H2880	22	31	***	71	58	1167	-.08	30	107
1615951	BLACK STAR	29H2679	30	38	11	0	69	1154	-.08	29	105
1615549	MAPLE BEN	29H2665	29	37	13	3	69	940	.02	37	103
1628662	JAKE	29H2752	23	34	6	3	64	1093	-.06	30	103
1630990	TRAILMAKER	29H2744	34	42	11	0	69	979	.00	35	103
1647417	PAL	29H2863	21	28	20	52	56	1471	-.27	12	102
1670099		29H2903	18	20	***	95	46	1007	-.03	32	101
1636144	ASTROTURF	29H2783	30	40	10	9	67	1240	-.16	20	99
1599189	MISTER-RED	29H2822	6	36	0	21	41	1111	-.11	24	96
1627199	LOVER	29H2749	21	24	0	0	57	991	-.05	29	96
1632079	GEMINI	29H2770	65	96	2	39	81	816	.05	37	96
1638034	MARKER	29H2809	19	24	6	18	55	1186	-.15	20	96
1660592	WALK	29H2894	19	21	***	71	49	1021	-.06	28	96
1563679	ART	29H2417	271	378	11	76	94	766	.07	38	94
1609575	BLACKCAP	29H2662	26	35	3	0	68	808	.04	36	94
1613580	RUMLER	29H3350	8	26	0	0	50	956	-.05	27	91
1654905	IMAGE	29H2893	11	11	***	82	34	993	-.07	25	91
1671000	LAST CHANCE	29H2944	19	21	***	90	48	1034	-.10	23	91
1589857	THADDEUS	29H3140	5	48	7	9	39	1033	-.10	22	89
1658607	BANNER	29H2906	22	27	***	65	55	832	.01	31	89
1608353	MASTER	29H2820	45	84	5	44	77	982	-.08	23	88
1633783	SHINE	29H2814	20	24	10	13	56	808	.01	31	88
1653334	CHIEF PABLO	29H2864	29	34	0	53	62	1095	-.14	18	88
1621095	ASTRA ROSE	29H3400	14	32	0	24	58	586	.13	41	87
1658837	EXCELLON	29H2875	27	42	***	86	63	797	.01	31	87
1577799	SUNSHINE	29H2477	209	263	15	79	92	563	.14	41	86
1593395	TOP COMMAND	29H2588	29	45	10	0	72	713	.05	34	86
1617071	BOOT-NICK	29H2719	91	134	9	20	86	984	-.09	22	86
1629592	KITKEN	29H2751	21	23	15	0	57	912	-.05	25	86
1633380	FROSTY	29H2779	24	30	17	4	59	960	-.08	23	86
1644615	TONI	29H2798	25	30	19	4	60	800	.01	30	86
1664033	MON	29H2916	15	21	***	95	48	1080	-.15	17	86
1531866	COMBINATION	29H1960	2397	5486	10	30	99	1025	-.12	19	85
1555814	COMET	29H2980	173	252	2	75	90	1127	-.18	14	85
1601125	BULLY THE KID	29H3370	5	34	7	9	43	995	-.11	20	85
1656640	TOP PROSPECT	29H2899	22	23	***	48	53	982	-.10	21	85
1603217	GAY MAN	29H3335	8	33	3	9	47	903	-.06	24	84
1658703	LARRY	29H2931	20	21	***	90	49	880	-.05	25	84
1613363	OWN PERFORMER	29H2683	25	30	8	0	64	1084	-.17	14	82
1636562	LIFT OFF	29H2830	51	96	5	30	79	957	-.10	19	81
1642991	SYMBOL	29H2818	28	38	8	16	64	910	-.08	21	81
1648398	HOME	29H2973	9	16	***	88	38	907	-.08	21	81
1659646	DESTINY	29H2844	23	27	8	38	56	982	-.12	18	81
1664277	E-CLAIRE	29H2908	12	15	***	93	40	1018	-.14	16	81
1608590	MONARCH	29H3395	6	29	0	9	43	861	-.06	22	79
1575285	IMPERIAL KNIGHT	29H2501	66	89	9	59	81	599	.08	33	78
1608374	ASTRO ROCKET	29H2668	36	45	6	0	72	712	.01	28	78
1615950	STAR	29H2680	24	31	3	0	65	645	.04	30	77
1659046	LINE CHIEF	29H2932	11	15	***	87	39	708	.01	27	76
1608880	ASTROJACK	29H2681	20	24	17	0	58	780	-.05	21	73
1611956	KNIGHT	29H2691	31	45	8	0	71	1073	-.21	7	72
1648032	TAURUS	29H2831	36	49	0	46	69	973	-.16	11	72
1658701		29H2917	25	31	***	84	57	971	-.16	11	72
1663504	DUPLICATOR	29H2953	13	16	***	100	41	863	-.11	15	70