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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.

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6 pages

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A.I. Sire Summary

This report contains the latest USDA-DHIA genetic evaluation on 310 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 \$55 and bulls of other breeds with PD\$\$ less than \$40.



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-progress 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 Difference 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	8	+ 723	-.06	+ 21	+ 64	85%
Guernsey	25	+ 861	-.06	+ 35	+ 86	70%
Holstein	217	+ 1077	-.07	+ 28	+ 91	64%
Jersey	46	+ 956	-.15	+ 33	+ 91	59%
Brown Swiss	14	+ 980	-.06	+ 31	+ 89	62%

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
<u>AYRSHIRE</u>											
M A B C - SELECT SIRES											
130174	BOY	9A79	110	241	15	33	90	802	-.11	19	66
131142	COMMANDERS STAR	9A30	112	407	8	12	93	678	-.06	20	60
132896	JACK	3A86	189	500	14	13	95	624	-.08	16	53
CURTISS											
134172	GEMINI	40A434	92	186	12	39	87	609	-.16	6	40
GENETICS - CARNATION											
130952	LEGEND	11A0410	50	139	10	5	83	784	.10	42	91
131142	COMMANDERS STAR	11A0411	112	407	8	12	93	678	-.06	20	60
A B S											
130772	JUMBO	29A7615	12	44	20	14	58	966	-.04	33	91
134469	STARBOY	29A7613	61	104	9	32	80	639	-.09	15	52
<u>GUERNS EY</u>											
M A B C - SELECT SIRES											
579953	B. HAVERICK	7G1038	42	208	13	33	83	1226	.00	58	134
580204	CHOICE	3G145	57	119	12	24	83	1216	-.11	46	119
585495	PREMIER	7G1036	35	75	6	48	73	908	.10	53	110
583873	PATRICIAN	7G1030	34	66	13	8	74	1144	-.14	39	107
570735	HOLLEREX	3G130	521	1990	14	25	98	859	.10	51	105
579293	T C CHIEF	7G129	15	16	20	0	51	847	-.13	27	77
579362	QUANTITY	17G77	81	317	14	24	90	609	.06	35	73
583872	FANCY	7G142	47	87	15	59	77	843	-.21	19	68
576489	CHEER	7G166	9	38	19	6	55	768	-.16	20	65
569288	WINSTON	7G957	335	1092	10	33	97	514	-.02	22	53
CURTISS											
582195	DEACON	40G1010	15	39	3	14	61	1218	.08	66	142
585136	BART	40G1001	60	106	10	44	79	1074	-.01	50	116
577154	FLASH	40G1008	24	61	15	2	72	873	-.13	28	88
581091	COMMAND	40G1009	4	23	19	20	39	882	-.26	15	66
586113	DORAN	40G1004	14	21	***	86	43	494	.04	27	58
GENETICS - CARNATION											
575523	CLEVERLANDS	11G0215	27	92	7	39	67	834	-.22	17	65
576489	CHEER	11G0216	9	38	19	6	55	768	-.16	20	65
566944	D FORTUNE	15G0108	52	204	8	41	81	554	-.09	17	44
A B S											
583550	FABIAN	29G0788	41	148	22	12	79	1342	-.01	62	145
586731	TELESTAR	29G0796	47	65	***	91	72	1269	.03	63	142
585398	MARTIN	29G0791	25	41	4	27	64	871	-.16	25	76
580919	FAYVOR	29G0784	457	1450	15	12	98	663	.01	32	73
585588	TOP PILOT	29G0792	36	64	29	55	71	907	-.24	18	70
586159	ZORD	29G0799	12	16	***	100	40	550	.03	29	63
584974	BON	29G0793	22	35	27	57	59	280	.13	26	45

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REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$\$\$
<u>JERSEY</u>											
M A B C - SELECT SIKES											
614850	MERCURY	7J72	58	139	12	34	84	1622	-.13	68	167
617287	EARL	7J112	5	14	0	8	32	1519	-.32	44	134
613173	SAMSON	7J102	11	76	4	25	63	1132	-.19	38	106
611085	PHIL	7J95	64	217	3	41	86	1026	-.13	39	101
615125	TESTER	7J104	5	23	6	15	38	978	-.10	40	99
621642	BANKER	7J3093	11	26	***	58	49	716	.08	44	90
619366	HERITAGE	7J90	16	36	24	23	56	887	-.10	35	89
617178	DAIRYMAN	7J85	22	30	17	14	62	1038	-.28	25	86
606421	IEB	7J97	13	47	6	28	55	901	-.17	29	83
616611	NOBLE	7J74	23	33	13	0	66	552	.07	34	69
618381	JUDGE	7J87	9	13	10	9	40	678	-.13	22	62
623470	HILLBILLY	7J99	17	30	***	97	51	631	-.10	22	60
CURTISS											
617923	MIDNIGHT	40J583	8	20	0	0	44	1265	-.29	35	110
618593	ETHAN ALLEN	40J582	2	32	0	13	35	1114	-.18	38	105
606982	FREDERICK	40J566	246	1070	8	22	97	948	-.05	43	101
615053	VIRGINIAN	40J564	50	82	6	9	81	1064	-.28	26	88
614820	OPPORTUNITY	40J580	10	20	0	12	49	768	-.01	38	86
621309	BENJAMIN	40J574	13	15	***	73	39	774	-.07	32	79
617585	PARSON	40J568	59	121	13	25	83	885	-.23	22	74
615385	MILK KING	40J579	8	14	0	0	44	535	.07	34	68
614987	SIGNAL PINN	40J576	4	18	9	8	39	643	-.15	18	56
620961	QS GREEK	40J572	14	24	***	75	47	664	-.17	17	56
621221	PRUDENT	40J570	12	15	***	79	37	516	-.11	16	47
616742	PACESETTER	40J565	289	873	11	15	97	592	-.23	8	42
GENETICS - CARNATION											
619994	STARN GENERAL	11J0317	21	58	0	36	68	1871	-.40	52	162
618324	DYNAMIC	24J310	13	25	4	0	54	1402	-.28	42	125
618863	FAVORITE SHAMROCK	24J0307	9	13	8	8	39	1280	-.19	45	122
605836	MASTER PRINCE	11J0314	169	754	12	29	95	1193	-.21	39	110
617652	PHILS MILK BOY	24J0301	21	51	3	16	69	866	-.02	42	96
622217	SILVER MINT	11J0322	7	20	17	35	40	771	-.01	38	86
618062	SPARKPLUG	24J0305	12	29	19	7	58	1053	-.37	17	77
613308	TRIS BANNER	24J616	14	31	8	38	59	704	-.04	32	75
617655	FAVORITE JUAN	24J0306	20	59	8	6	70	635	.01	33	73
610058	ADONIS SALUTE	11J0320	21	55	11	45	62	641	-.10	23	62
620479	MODEL QUICKSILVER	24J0312	7	25	16	20	40	472	.06	29	59
614821	WOODSMAN	24J647	13	28	25	0	58	501	.00	25	56
615017	TENN TRAVELLER	24J649	18	47	24	5	67	515	-.17	10	40
A B S											
620428	JEWELER	29J2785	4	74	0	26	39	1857	-.32	60	171
619710	BRIAR	29J2789	9	21	0	0	47	1479	-.24	50	138
616022	BOLD TORONO	29J2788	11	42	6	12	59	1590	-.41	38	131
619853	PREDICTOR	29J2764	42	119	6	62	79	1165	-.16	43	113
621333	BRAVE SOLDIER	29J2791	7	20	0	50	42	1476	-.46	27	112
615066	PLUS	29J2742	30	50	16	6	73	915	-.05	41	97
620324	STAR-TREK	29J2749	25	40	4	17	63	857	-.15	29	80
616323	GOLDEN LAD	29J2784	12	31	4	7	58	609	.05	35	73
609485	SLEEPING MILESTONE	29J2755	350	1216	6	56	97	662	-.24	11	49
<u>BROWN SWISS</u>											
M A B C - SELECT SIKES											
154912	EVILO	78625	42	70	4	4	78	2269	-.15	70	205
163153	IMPROVER	218415	44	81	0	62	74	1644	-.09	54	152
146947	DEL	9856	452	1865	11	23	98	1249	-.04	45	120
159771	KING	78629	36	45	4	18	68	1264	-.12	35	110
158853	TOM JONES	148144	81	185	7	33	87	922	-.03	33	88
162885	SUCCESS	78631	9	11	***	45	31	987	-.19	16	73
150000	GEDRIC	78632	23	51	0	42	62	508	.09	31	63
CURTISS											
163860	STRETCH JIM	408351	3	21	0	18	27	831	-.08	24	73
GENETICS - CARNATION											
156033	BANCO	1180518	13	43	3	0	63	528	-.02	19	51
152968	ROCKY	1180519	12	32	4	11	57	537	-.10	9	40
A B S											
159994	HAMLET	2983672	4	11	***	11	25	1049	-.14	24	85
155075	CARSON	2983667	9	34	11	0	50	717	.06	36	81
153837	CITATION	2983650	80	170	13	11	89	679	-.07	18	58
158262	MARAUDER	2983662	14	30	9	10	57	536	-.02	19	51

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	\$\$\$
HOLSTEIN											
M A B C - SELECT SIRES											
1590582	WAYNE	7H191	24	34	0	8	67	1915	-.09	55	168
1617266	NUGGET	7H286	106	159	9	53	87	1738	.00	63	168
1635843	PETE	7H900	30	59	13	68	67	1969	-.17	44	159
1556373	GLENDELL	7H477	567	1011	10	83	97	1754	-.07	53	157
1491007	ELEVATION	7H58	5050	20061	6	22	99	1495	-.03	49	138
1604652	GAY	7H257	65	83	10	40	80	1546	-.06	46	138
1648394	MONEY MAKER	7H903	11	25	***	92	45	1323	.04	55	136
1583197	CONDUCTOR	7H195	45	51	0	5	76	1423	-.01	50	135
1590112	UK SENSATION	7H190	158	235	10	36	92	1398	-.05	43	126
1640557	HILLRANCH	7H2164	22	29	***	79	56	1406	-.09	37	120
1611284	TRAILBLAZER	7H256	25	36	7	15	65	1338	-.08	37	116
1584578	EXPLOSION	7H2026	124	281	8	38	92	1392	-.11	33	114
1626813	MARS	7H401	22	26	***	62	54	1279	-.06	38	114
1591925	OLLIE	7H193	51	58	11	4	78	1108	-.03	45	112
1608425	CINNAMON	7H241	29	35	10	12	63	1314	-.08	35	112
1630542	MASTRO	7H901	5	43	0	36	34	1208	-.06	35	106
1632665	D K	7H821	17	80	0	57	64	1310	-.11	30	106
1529276	NICAH	7H242	888	1871	10	28	99	1082	-.02	37	102
1638580	LUXURY	7H417	21	27	***	59	55	1245	-.12	27	99
1490217	DAGAN J	7H430	136	261	7	41	90	1031	-.01	36	98
1634218	POSH	7H424	24	34	***	71	60	1149	-.08	30	98
1595519	NATE	7H207	36	44	11	0	73	1252	-.15	23	95
1629467	CELEBRITY	7H291	32	36	18	46	63	1203	-.12	25	95
1630578	STONEMALL	7H295	19	19	***	39	48	1261	-.15	22	95
1577549	MEGADITION	7H171	22	29	10	0	65	1255	-.16	21	93
1629120	K TREAT	7H418	24	30	***	59	56	1115	-.08	28	93
1561753	WALKWAY	7H152	49	59	10	22	78	1125	-.10	26	92
1630345	ROSEMAKE	7H281	16	16	***	75	41	940	.00	34	91
1616076	VICTORY	7H278	21	27	***	77	55	955	-.01	33	90
1619215	PAL	7H273	34	46	7	53	67	1125	-.10	25	90
1592964	CONSORT	7H206	27	39	3	11	68	1151	-.14	21	87
1602569	LE-DEL	7H217	41	44	5	3	73	1208	-.10	16	85
1612786	CHARMING	7H266	28	34	18	12	64	955	-.04	28	85
1559991	ADMIRAL	7H156	56	66	5	12	80	1011	-.08	24	83
1621881	TOP NOTCH	7H289	24	25	***	52	53	1263	-.23	11	82
1622953	LUCKY-ROYAL	7H902	5	21	0	28	38	1075	-.13	19	81
1610590	LANCELOT	7H2111	100	207	3	41	88	898	-.04	26	79
1569187	PERCY	7H166	46	54	5	10	77	821	-.01	29	78
1601151	GEOFFREY	7H244	23	27	23	4	60	966	-.09	21	77
1588269	HUBER	7H431	42	78	5	35	76	716	.04	32	76
1522595	DUTCHMAN	7H504	214	374	4	66	93	932	-.09	21	75
1536047	GO	7H127	549	999	10	51	98	932	-.11	18	72
1576002	ROB	7H174	29	36	7	3	69	960	-.13	16	71
1618516	INTONE	7H822	12	19	9	8	47	892	-.09	19	71
1618618	BOOTY	7H820	5	58	6	29	47	880	-.08	20	71
1550574	ROYAL J	7H503	45	89	11	54	76	774	-.03	23	69
1623745	VAR	7H293	21	25	***	58	54	978	-.16	12	68
1392858	FOND MATT	7H091	3116	11969	8	2	99	601	.06	30	67
1611955	SALINA	7H819	4	77	14	9	42	769	-.05	21	66
1506745	SKYDEAN	7H403	282	531	13	43	96	866	-.11	15	65
1608375	LOYAL	7H248	32	37	3	11	67	701	-.04	20	61
1563897	OAK	7H147	131	193	4	34	91	585	.02	24	60
1610343	MATADOR	7H263	31	39	6	8	67	801	-.11	13	59
1502023	COSMO	7H415	291	683	8	53	96	831	-.13	11	58
CURTISS											
1611492	COLONEL	40H2652	3	21	7	18	35	1603	.04	65	162
1427381	CHIEF	40H2025	4789	14435	6	4	99	1463	.10	68	158
1623525	PACEMAKER	40H2518	11	44	3	17	60	1679	-.10	46	145
1603912	PAT	40H2963	3	31	0	10	37	1531	-.13	36	125
1562663	WIZARD	40H2328	8	38	6	5	47	1298	-.04	41	118
1600253	HANK	40H2599	8	97	0	28	52	1252	-.02	43	118
1558140	CHIEFTAIN	40H2288	7	53	11	29	51	1099	.06	49	116
1607814	PARAGON	40H2612	13	33	0	28	53	1400	-.12	32	114
1597214	ASTRO DON	40H2534	6	50	7	41	51	1054	.06	47	112
1605637	BICKEN	40H2573	4	40	3	23	35	1100	.02	43	110
1625661	MONEY MAKER	40H2655	11	24	5	21	49	1236	-.06	36	109
1596998	JOSIE	40H2521	5	45	0	17	39	1236	-.09	31	103
1560362	MAGNET	40H2080	689	1282	8	18	98	1459	-.24	15	97
1613259	POLY ROYAL	40H2168	17	30	14	38	55	1065	-.03	34	97
1520034	WESTMORELAND	40H2071	587	1258	9	21	98	1310	-.17	21	96
1592942	MOONSHOT	40H2137	353	592	12	43	96	987	.05	40	96
1560026	CHARLIE	40H2329	6	31	18	7	39	1064	-.04	32	95
1540435	SKY	40H2267	11	122	3	4	62	1275	-.16	21	94
1593924	MARATHON	40H2491	11	43	0	30	50	1153	-.10	26	93
1585759	GEM	40H2516	6	30	7	10	42	1037	-.04	31	92
1578139	IVANHOE CHIEF	40H2119	354	698	11	20	97	1159	-.13	23	90
1554410	IVANHOE ACE	40H2326	6	32	9	0	51	1056	-.07	27	89
1585121	WALLIE	40H2276	4	21	0	20	40	900	.02	35	89
1601195	LEO ASTRONAUT	40H2174	10	12	***	55	37	1122	-.12	22	87
1566948	HONOR	40H2335	18	34	3	6	62	1222	-.19	16	86

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HOLSTEIN -CONTINUED-											
CURTISS -CONTINUED-											
1608054	R. P. CHIEF	40H2562	3	20	0	11	31	992	-.07	26	84
1614523	SPRING	40H2596	14	51	8	47	63	1036	-.10	23	83
1627902	M K MAGNET	40H2197	20	36	***	78	55	1031	-.12	20	80
1603076	BELLMAN	40H2533	5	22	5	0	45	1320	-.28	5	78
1570678	LUCIFER	40H2572	4	31	0	42	36	1015	-.13	17	75
1556873	SHIAWANA	40H2331	8	59	5	0	45	1040	-.15	15	74
1546177	MAGICIAN	40H2325	11	38	0	16	50	823	-.04	24	73
1620377	MILKMAKER	40H2711	10	27	0	31	45	976	-.13	16	72
1630660	LIGHTNING	40H2229	13	18	***	94	43	750	.00	27	72
1458744	ASTRONAUT	40H96	7897	30085	7	5	99	798	-.03	24	71
1603277	EMBLEM	40H2493	4	20	0	7	36	754	-.01	26	71
1634049	SANDY	40H2219	9	16	***	69	38	835	-.06	21	70
1539414	THOR	40H2238	48	123	15	63	79	921	-.12	16	69
1589041	VIGO	40H2396	10	31	21	6	55	992	-.16	12	68
1522330	DOUBLE BEN	40H2177	360	768	8	34	97	815	-.07	19	67
1508246	ZEE	40H2253	43	92	5	24	75	913	-.13	14	66
1519107	TONY	40H2175	636	1282	8	35	98	645	.02	27	66
1598625	ADVENTURE	40H2565	10	29	16	0	52	865	.10	16	66
1561673	JO-DAN	40H2455	20	72	9	29	70	924	-.15	11	63
1593407	ADVANCER	40H2139	261	490	5	26	95	806	-.09	16	63
1636901	ZEUS	40H2244	8	10	***	100	29	669	-.02	21	61
1564216	ACE	40H2279	21	67	2	6	64	883	-.15	10	60
1588259	DON	40H2500	16	49	13	13	65	982	-.21	4	59
1600041	LUCKY	40H2492	2	14	18	0	28	828	-.12	12	59
1565026	HAVEN	40H2488	12	32	0	3	59	908	-.17	7	58
1592662	SILVER DEAN	40H2155	17	30	0	48	55	292	.18	37	58
1569272	HOLTEX	40H2327	4	17	7	0	37	625	-.02	20	57
1571047	MARTNER	40H2515	9	40	17	3	51	803	-.12	11	57
1590862	KITTY KINGPIN	40H2334	9	34	0	9	50	638	-.03	19	57
GENETICS - CARNATION											
1477755	ARLINDA CHIEF	11H0158	7	31	0	0	51	1616	-.07	48	144
1591773	ASTRO MINER	24H0828	10	32	0	0	54	1545	-.04	50	142
1628813	VIRGINIAN	11H0169	16	48	5	13	64	1179	.09	56	129
1557735	MARINE	11H0166	8	35	0	15	41	1304	.00	47	125
1600222	BLAZE	11H0167	11	34	4	17	51	1404	-.06	41	124
1624803	STAR MATADOR	24H0706	16	27	12	33	55	1155	.06	51	122
1590759	APOLLO KING	11H1010	25	40	0	22	67	1487	-.13	34	121
1595067	STAR PERFORMER	24H0692	20	39	4	6	65	1505	-.16	29	116
1622306	ADA	11H0177	3	25	5	4	28	1352	-.09	35	114
1624877	PAYMASTER	11H0173	21	44	15	20	63	1270	-.10	31	105
1616522	COUNTRY KING	11H0172	12	49	0	7	59	879	.10	47	102
1600743	PER HILARY	11H1012	11	16	14	0	48	1417	-.21	19	100
1633263	SHINER	11H1076	9	15	***	33	41	1027	.00	37	99
1625268	CASANOVA	23H0188	26	74	13	19	73	1206	-.10	28	98
1610326	KINGPIN HOO DOO	24H0702	12	57	7	22	59	1148	-.08	29	96
1620654	NEEDLE MASTER	11H0142	8	12	0	0	39	1085	-.06	30	94
1626131	BONANZA	11H1124	5	11	***	100	31	1055	-.05	31	93
1559080	LAVACRES MAPLE	24H0626	15	45	8	3	62	1027	-.04	31	92
1499581	BLACK KNIGHT	11H0105	1387	4264	10	28	99	990	-.03	32	91
1619057	STAR	11H1056	20	32	17	14	59	1012	-.05	29	89
1602681	PER STERLING	24H0550	8	30	4	4	52	992	-.05	29	88
1626486	CHAMP	11H1096	15	25	0	39	53	896	.00	32	86
1581130	LA RARE	11H0165	16	57	4	4	67	1182	-.19	14	81
1601827	CROWN	23H0184	44	134	2	12	82	996	-.09	23	81
1611226	PEDRO	24H0831	14	42	12	14	57	933	-.06	25	80
1647355	TOTAL	11H1174	15	44	0	57	58	894	-.04	27	80
1585846	IDEAL	11H0112	66	102	18	7	84	1251	-.24	9	79
1587798	STARMAKER	24H0826	106	208	5	28	90	1205	-.21	11	79
1571012	COLUMBUS	24H0652	38	106	8	35	79	731	.04	33	78
1585852	DUTCHOE	11H0161	14	44	0	18	55	839	-.05	23	72
1620490	IVANHOE STANDOUT	11H0171	10	19	0	11	45	908	-.09	19	72
1598285	KINGPIN JOEY	11H1005	16	58	5	2	63	868	-.08	20	71
1615618	CLIPPER	11H0174	7	15	10	17	36	932	-.12	16	70
1487095	SUNSHINE	11H0145	273	830	5	62	96	994	-.19	8	64
1536957	FIRST MILLION	11H0084	490	908	11	38	98	675	-.01	23	63
1565870	CARLO	11H0163	13	48	3	26	59	1013	-.20	6	63
1583490	TOM	11H0164	1	27	0	12	23	716	-.03	21	63
1517422	MALLIE	24H0220	295	796	9	28	97	663	-.02	21	60
1606122	STARCSFORD	11H1046	11	19	0	6	47	967	-.19	6	60
1488500	REAR ADMIRAL	24H0535	556	1706	7	32	98	702	-.06	17	58
1594103	HOO DOO	24H0664	14	26	21	0	56	771	-.10	13	57
A B S											
1647459	CHRIS	29H2811	34	40	***	85	63	2156	-.25	37	161
1637672	WINJAMMER	29H2758	32	43	6	20	68	1658	-.05	52	151
1593263	CHIP	29H3200	11	31	12	4	54	1721	-.14	41	142
1635912	OVER ARCH	29H2794	31	36	13	46	62	1380	-.03	46	128
1603894	HARVEST	29H2650	30	36	3	0	69	1640	-.18	32	127
1631223	MARS	29H2786	23	28	8	46	57	1572	-.15	34	125
1621350	WHITESTAR	29H2671	27	32	11	0	65	1458	-.10	37	123
1591335	LINDY	29H2592	20	27	11	5	61	1587	-.18	30	122
1518703	BELMONT	29H1948	569	1141	8	70	98	1481	-.13	34	120

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	7% \$\$\$
A B S -CONTINUED-											
1629121	TRADITION	29H2754	25	28	0	22	59	1397	-.10	36	118
1587904	SEAMAN PAUL	29H2581	22	26	0	22	61	1330	-.07	38	117
1633783	SHINE	29H2814	19	22	***	45	52	1170	.02	46	117
1602410	BOUQUET	29H2655	26	33	10	6	66	1147	.03	46	116
1629385	MILESTONE	29H2785	75	112	2	50	82	1531	-.18	27	115
1634846	AMITY	29H2767	24	32	0	21	61	1220	-.03	39	112
1644615	TONI	29H2798	21	24	***	63	52	1099	.03	44	111
1564328	DEMAND	29H2510	106	157	4	31	89	1639	-.27	17	110
1450228	BOOTMAKER	29H1881	6170	21872	6	5	99	1263	-.08	34	108
1638034	MARKER	29H2809	19	24	***	88	52	1263	-.10	31	105
1630990	TRAILMAKER	29H2744	34	42	13	15	68	1125	-.03	36	103
1634703	AARON	29H2776	25	41	8	30	63	982	.04	42	102
1577799	SUNSHINE	29H2477	55	70	16	38	79	869	.08	44	98
1570322	FOND MASTER	29H3225	9	60	5	19	51	855	.09	44	97
1594537	BAMA	29H3210	9	52	5	4	52	1122	-.06	31	97
1615951	BLACK STAR	29H2679	29	37	9	0	68	1168	-.09	28	95
1633380	FROSTY	29H2779	22	28	***	65	56	1106	-.06	31	96
1616359	BUD	29H2694	21	24	10	5	57	982	.00	36	95
1589857	THADDEUS	29H3140	2	45	10	2	36	1156	-.10	27	94
1563679	ART	29H2417	100	126	14	64	86	860	.06	40	93
1615549	MAPLE BEN	29H2665	29	37	13	3	67	938	.01	36	93
1648465	ARMSBY	29H2825	36	42	***	83	65	1250	-.17	20	92
1608372	STANDOUT STAR	29H2669	23	37	4	0	65	1178	-.13	23	91
1601125	BULLY THE KID	29H3370	4	32	5	26	41	1041	.06	29	90
1642991	SYMBOL	29H2818	24	29	***	76	58	1000	-.04	31	90
1556820	GERRI	29H2434	122	167	3	73	88	976	-.03	31	89
1632079	GEMINI	29H2770	50	71	0	61	75	729	.11	43	89
1599189	MISTER-RED	29H2822	5	29	0	22	37	1051	-.08	26	88
1664494	GAL	29H2905	19	24	***	100	50	1144	-.13	21	87
1693217	GAY MAN	29H3335	8	30	4	10	45	1000	-.06	27	86
1613580	RUMLER	29H3350	8	26	0	5	49	984	-.05	28	86
1580859	ALLIANCE	29H2559	34	47	8	3	73	1005	-.07	26	85
1608353	MASTER	29H2820	33	57	6	69	69	1047	-.09	24	85
1609575	BLACKCAP	29H2662	26	35	3	0	68	773	.05	36	84
1615950	STAR	29H2680	24	31	3	0	63	816	.03	34	84
1636144	ASTROTURF	29H2783	27	34	17	52	61	1091	-.12	21	84
1652465	IVY	29H2890	25	35	***	91	58	858	.01	32	84
1555814	COMET	29H2980	47	81	3	45	74	1058	-.11	21	82
1617071	BOOT-NICK	29H2719	77	116	9	36	84	1029	-.10	22	82
1575285	IMPERIAL KNIGHT	29H2501	30	42	9	11	72	772	.04	34	81
1531866	COMBINATION	29H1960	1956	4233	8	49	99	1014	-.10	21	80
1619340	CHIEFTAIN	29H2720	25	31	22	8	61	990	-.11	20	77
1601674	BOOTHARK	29H2637	89	142	10	20	87	911	-.07	23	76
1564147	GRAND SUPREME	29H2465	78	92	5	52	82	1233	-.27	4	72
1599964	KENNEDY	29H2628	33	42	6	11	71	1078	-.19	10	71
1608369	ANN MAPLE	29H3385	2	30	0	43	31	478	.15	39	71
1611956	KNIGHT	29H2691	31	43	5	3	70	1065	-.18	11	71
1589401	PERFORMER	29H2554	41	52	11	0	77	818	-.06	21	69
1608374	ASTRO ROCKET	29H2668	33	42	6	3	70	676	.02	28	69
1593395	TOP COMMAND	29H2588	29	45	10	0	72	595	.06	31	68
1636562	LIFT OFF	29H2830	43	68	***	75	72	895	-.11	16	68
1564639	FAMOUS NED	29H2470	25	27	10	0	66	643	.02	27	66
1562242	POLYKNIGHT	29H2456	31	41	6	0	73	847	-.11	15	64
1625853	ELEVATOR	29H2739	24	25	0	14	57	885	-.13	13	64
1602047	TIDY SILVER	29H2636	27	33	7	0	67	949	-.19	6	59
1611107	PRINCE VALIANT	29H2685	193	303	11	61	92	778	-.10	14	59
1541533	FOND BILLY	29H2389	95	126	11	55	87	655	-.04	18	57
1629391	TRIPLE THREAT	29H2775	152	251	3	47	91	436	.09	29	57
1632413	SKYMAN	29H2764	22	30	0	41	59	509	.04	24	55