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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 1980  
6 pages

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# A.I. Sire Summary

This report contains the latest USDA-DHIA genetic evaluation on 380 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 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 \$90 and bulls of other breeds with PD\$\$ less than \$50.



By Dept. of Dairy 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 \$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	4	+ 798	- .07	+ 24	+ 86	84%
Guernsey	38	+ 1156	- .18	+ 40	+ 132	62%
Holstein	297	+ 1249	- .07	+ 35	+ 131	64%
Jersey	20	+ 975	- .09	+ 36	+ 115	77%
Brown Swiss	21	+ 943	- .06	+ 31	+ 105	57%

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	141	315	14	5	93	903	-.13	21	89
135624	SHAREHOLDER	40A0436	140	368	10	21	93	531	-.06	14	55
A B S											
130772	JUMBO	29A7615	28	76	19	44	70	981	-.04	34	112
136088	SUPER STAR	29A7616	56	114	10	54	89	778	-.03	27	89
GUERNSEY											
M A B C - SELECT SIRES											
585495	PREMIER	761036	69	150	6	14	86	1113	.07	60	158
579953	B. MAVERICK	761038	219	775	13	43	96	1196	-.05	51	151
583873	PATRICIAN	761039	43	91	11	3	81	1224	-.09	48	148
589545	TOP ROF	760156	27	39	***	95	68	876	-.05	36	108
577980	CHIEFS BILLY	760529	95	221	15	20	89	844	-.06	34	103
583872	FANCY	760142	77	169	11	9	88	941	-.17	27	100
579293	T C CHIEF	760129	50	81	14	44	78	805	-.13	25	88
MIDWEST BREEDERS											
587076	JAMAICA	2160249	12	29	8	14	53	794	-.09	28	92
589690	TOP DOLLAR	2160243	15	21	***	95	43	904	-.19	23	92
CURTISS											
585136	BART FLASH	4061001	113	279	15	20	91	1008	.02	50	137
577154	FLASH	4061008	38	83	17	22	78	1004	-.16	31	110
GENETICS - CARNATION											
575523	CLEVERLANDS	1160215	53	200	10	8	84	801	-.28	10	67
A B S											
586731	TELESTAR	2960796	136	243	11	19	91	1363	-.01	63	178
583550	FABIAN	2960788	83	253	21	20	88	1153	-.01	53	151
585588	TOP PILOT	2960792	66	136	22	12	85	1268	-.26	32	128
589456	JUPIITER	2960808	21	31	***	81	54	1094	-.18	33	118
586569	EXTRA	2960798	42	69	13	25	77	812	.02	40	110
585398	MARTIN	2960791	33	57	9	5	76	972	-.17	28	103
580919	FAYVOR	2960784	685	2691	14	21	99	646	-.01	30	85
585753	HOLLI	2960817	9	26	23	0	47	691	-.07	26	82
BROWN SWISS											
M A B C - SELECT SIRES											
154912	EVIL0	780625	128	207	8	26	90	2247	-.19	64	238
159771	KING	780629	67	99	4	32	83	1426	-.17	35	143
164943	KAYLE	780633	28	43	4	22	65	997	-.03	36	116
157342	MFRIT	780627	27	48	26	3	70	820	.05	40	110
161373	HARRIS	780630	32	45	13	11	67	770	.05	37	103
MIDWEST BREEDERS											
163153	IMPROVER	1480148	149	345	9	24	93	1364	-.08	45	153
166467	LONDON	2180423	2	18	0	35	25	1251	-.08	40	138
148487	EL BRITE	2180413	186	738	9	12	95	926	.06	45	124
CURTISS											
163860	STRETCH JIM	4080351	4	36	4	4	34	1167	-.12	32	122
157480	IKE	4080357	3	16	7	0	34	839	-.06	26	92
162447	VICTOR	4080354	3	32	4	4	34	583	-.01	22	69
162039	JOE	4080343	158	354	13	20	93	494	-.01	19	59
GENETICS - CARNATION											
161170	SMASH	1180522	8	62	5	22	48	898	-.04	31	103
164757	LU ANSON	1180516	42	77	5	37	75	987	-.14	22	96
152968	ROCKY	1180519	22	49	6	16	66	665	-.11	13	62
A B S											
164123	JUBILANT	2983683	2	16	0	21	23	974	-.10	27	102
155075	CARSON	2983667	10	38	11	0	54	723	.04	34	95
159994	HANLET	2983672	11	20	0	13	46	896	-.13	19	85
163016	PERT	2983660	12	36	24	20	54	640	-.05	20	70
166901	MISCHIEF KING	2983681	1	19	0	21	20	558	-.01	21	66
163990	DIABLO	2780002	8	28	14	15	37	585	-.06	16	61

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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 (LL)	7J0072	445	1491	8	39	98	1813	-.15	76	226
623158	SAINTE	7J0123	11	23	0	22	49	2098	-.43	59	221
623330	MAGIC	7J0121	12	34	17	29	53	1620	-.28	53	181
613173	SAMSON	7J0102	411	1528	8	65	98	1417	-.21	50	164
623660	POET	7J0127	7	30	6	47	49	1332	-.23	44	149
617287	EARL	7J0112	8	23	6	15	45	1326	-.35	32	132
620963	LAD	7J0093	24	45	9	8	69	792	-.00	40	109
617178	DAIRYMAN	7J0085	26	43	15	5	70	1049	-.27	26	105
623116	DUTCH TRIUMPH	7J3100	34	51	6	22	72	982	-.21	29	105
619366	HERITAGE	7J0090	18	47	26	14	65	873	-.11	33	104
615125	TESTER	7J0104	118	275	6	69	90	832	-.11	31	98
MIDWEST BREEDERS											
626412	SUCCESS	21J0323	11	23	0	39	46	1194	-.14	46	143
617247	DUKE	21J0326	5	38	8	27	39	1018	-.07	45	130
618375	BOATMAN	21J0325	5	22	6	18	35	931	-.22	26	98
CURTISS											
615053	VIRGINIAN	40J0564	235	639	11	55	96	1113	-.26	30	115
622370	DREAMER	40J0585	13	61	10	14	61	938	-.21	27	100
624749	TRISTRAM	40J0578	10	13	***	69	34	807	-.14	27	91
GENETICS - CARNATION											
619994	STARN GENERAL	11J0317	31	104	3	18	78	1803	-.38	51	190
622623	HI-POWER	11J0346	8	32	0	13	46	1284	-.16	49	153
623157	FAVORITE GENERATOR	11J0325	15	48	0	43	61	1275	-.21	43	144
627330	FALLNEVA	11J0327	15	32	***	94	54	997	-.00	50	136
618062	SPARKPLUG	24J0365	18	53	18	33	68	1299	-.34	31	129
617652	PHILS MILK BOY	24J0301	42	176	2	38	83	819	-.00	41	112
617655	FAVORITE JUAN	24J0306	52	202	8	51	85	582	-.06	35	88
622671	TRISTRAM	11J0323	14	34	3	0	61	917	-.32	15	81
622217	SILVER MINT	11J0322	12	39	11	18	57	423	-.12	32	73
A B S											
625184	CHOCOLATE SUNDAE	29J2783	9	13	***	100	35	1710	-.37	47	178
616022	BOLD TORONTO	29J2788	24	68	4	20	71	1620	-.39	41	164
620428	JEWELER	29J2785	58	192	0	49	61	1602	-.40	39	160
617923	MIDNIGHT	29J2799	11	41	3	24	53	1415	-.28	43	153
619710	BRIAR	29J2789	12	25	0	4	57	1311	-.21	45	150
621333	BRAVE SOLDIER	29J2791	11	39	3	21	59	1532	-.43	33	147
622801	EXPLORER	29J2797	18	16	0	20	42	1078	-.04	50	141
622721	ADAM	29J2769	18	32	4	13	61	1158	-.19	40	132
619853	PREDICTOR	29J2764	93	301	9	19	91	1082	-.16	39	126
624576	STARBUST	29J2770	22	33	2	15	62	862	-.04	40	113
616323	GOLDEN LAD	29J2784	27	53	3	35	70	580	-.12	41	96
627959	RUTCH	29J2794	3	13	***	92	27	451	-.05	27	68
HOLSTEIN											
M A B C - SELECT SIRES											
1556373	GLENDELL	7H0477	3342	9792	8	40	99	2035	-.09	60	218
1583197	CONDUCTOR	7H0195	1802	4049	7	72	99	1804	-.03	61	204
1685357	PERFECTOR	7H1109	10	20	***	55	43	2067	-.17	48	203
1617266	NUGGET	7H0286	189	334	12	15	94	1664	-.01	62	197
1635843	PETE	7H0900	65	141	5	7	86	1905	-.14	46	190
1648691	HANNIBAL	7H0473	30	43	9	6	70	1768	-.08	52	189
1590582	WAYNE (MF)	7H0191	350	486	6	89	95	1860	-.14	46	187
1646886	HIGH SPOT	7H0448	18	21	6	0	56	1820	-.11	48	187
1689860	MAGNUS	7H0587	23	28	***	61	55	1742	-.08	51	186
1690422	MIDDESSA	7H0908	2	19	5	0	27	1480	-.05	61	183
1626813	MARS	7H0401	32	50	9	14	71	1729	-.09	49	182
1665634	ROVA	7H0572	33	51	0	23	71	1862	-.17	41	180
1644629	GLEN	7H0457	58	81	9	15	81	1790	-.13	44	179
1672056	ELMER	7H1195	12	16	27	15	44	1434	-.05	60	179
1667366	BELL	7H0543	34	48	12	18	70	1655	-.07	49	178
1491007	ELEVATION	7H0058	762	36394	6	17	99	1484	-.03	50	168
1561753	WALKWAY	7H0152	625	1613	8	41	98	1678	-.13	41	168
1666252	STAR WILLIE	7H1111	11	17	8	7	43	1640	-.11	43	168
1680125	GAYLORD	7H0595	12	28	***	75	56	1533	-.06	47	167
1648394	MONEYMAKER	7H0903	22	52	8	19	67	1464	-.03	48	164
1675357	FRANK	7H0561	34	40	9	55	65	1317	-.05	55	164
1683955	SKY HIGH	7H1110	7	20	9	45	41	1579	-.12	38	157
1682467	IVAN	7H0581	31	43	***	81	66	1236	-.05	53	156
1618516	INTONE	7H0822	14	27	8	30	56	1362	-.05	41	147
1638402	CALCULATOR	7H0440	32	45	20	0	71	1106	-.07	51	145
1629467	CELEBRITY	7H0291	40	46	11	5	75	1465	-.14	32	141
1590112	UK SENSATION	7H0190	855	1818	9	71	99	1293	-.05	39	140
1608425	CINNAMON	7H0241	49	62	5	20	77	1237	-.02	42	140
1675762	BARBER	7H1137	10	25	0	56	41	1245	-.03	41	140
1681659	WARRIOR	7H0575	19	23	***	87	51	1532	-.18	28	140
1649969	DUDE	7H0467	28	41	6	8	68	1210	-.03	40	136
1646940	COUNT	7H0449	29	32	11	4	66	1143	-.00	41	133
1682881	MAJURO	7H0576	25	37	0	56	61	1068	-.03	44	132
1632665	D K	7H0821	24	125	3	11	76	1299	-.11	31	129
1622953	LUCKY ROYAL	7H0902	10	48	0	21	54	1228	-.07	34	128
1671538	FALCON	7H1103	11	23	0	22	50	1278	-.10	31	127
1675780	RASCAL	7H0549	32	44	10	32	66	1598	-.27	17	127
1584578	EXPLOSION	7H2026	255	636	7	29	96	1250	-.10	30	124
1667692	MANNIX	7H0907	4	65	4	18	41	1183	-.07	33	124
1630542	MASTRO	7H0901	8	62	2	7	45	1135	-.05	34	122
1595519	NATE	7H0207	109	146	12	65	88	1251	-.11	28	121
1610590	LANCELOT	7H2111	163	430	7	10	95	1024	-.00	37	119
1667607	VEEMAN	7H0514	29	36	11	12	65	1134	-.09	28	114
1623745	VAR	7H0293	34	42	7	12	70	1258	-.15	22	113
1678020	LANCE	7H0556	32	40	6	46	65	1341	-.21	17	112
1676456	UNCLE	7H0535	24	27	22	23	57	1245	-.16	21	111

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
M A B C - SELECT SIRE - CONTINUED-											
1685527	LEE	7H0603	14	21	***	67	48	1142	-.10	26	111
1630578	STONEWALL	7H0295	28	30	8	4	65	1288	-.19	18	110
1621881	TOP NOTCH	7H0289	26	28	19	0	64	1427	-.26	11	109
1638286	CANDY MAN	7H0425	30	37	12	3	69	1132	-.11	25	109
1677275	ELVIS	7H0569	38	49	9	59	69	1077	-.08	27	109
1559991	ADMIRAL	7H0156	1402	4096	9	61	99	1114	-.11	24	107
1634218	POSCH	7H0424	31	46	10	2	72	986	-.04	30	107
1611284	TRAILBLAZER	7H0256	47	59	10	21	76	1077	-.09	25	106
1612786	CHARMING	7H0256	33	46	16	7	72	934	-.02	31	105
1619215	PAL	7H0273	68	97	6	13	83	1173	-.15	20	105
1676846	I STAR	7H0547	27	36	6	47	61	1180	-.16	19	104
1649576	GEN	7H0904	13	29	0	0	56	1122	-.13	21	103
1667237	TRIX	7H052	33	48	12	22	69	943	-.03	29	103
1669748	SECURITY	7H512	23	63	5	24	73	1083	-.11	23	103
1660406	CINDER	7H050	27	32	11	3	63	1277	-.22	13	102
1629120	TREAT	7H0418	30	38	9	0	70	1120	-.14	19	100
1625955	ELI	7H0283	34	30	7	3	71	788	-.03	33	98
1640557	HILL-RANCH	7H2164	40	80	9	3	79	1136	-.17	16	97
1580790	HAVEN	7H0182	177	266	12	63	92	1072	-.14	17	94
1652616	BOB	7H0483	29	34	9	8	65	756	-.02	30	92
1651441	ALBAN	7H2172	19	27	16	27	57	921	-.08	21	90
MIDWEST BREEDERS											
1674245	FORD	21H0280	42	49	8	13	72	2526	-.25	51	237
1651486	JUDE	21H0477	6	34	14	0	44	1333	-.02	44	148
1640500	TIHO	21H0436	8	30	9	23	45	1476	-.12	35	146
1664416	NEW STAR	21H0271	28	42	6	10	67	1363	-.06	40	146
1664830	RICH	21H0478	7	45	0	40	39	1264	-.01	45	146
1597608	JAY	3H0616	82	111	11	8	86	1427	-.11	35	143
1680921	MATTKAKER	21H0303	86	69	0	74	75	1211	-.00	44	142
1590708	FISK	3H0596	85	111	5	27	86	998	-.10	52	139
1598618	MILKMAKER	21H0319	274	395	7	63	94	1523	-.17	28	139
1696205	MARINER	21H0329	14	14	***	100	38	1277	-.06	37	136
1629980	ASTRO CHIEF	16H0079	80	157	23	2	87	1499	-.20	24	132
1693339	LANDLORD	21H0323	14	17	***	94	41	1213	-.05	37	132
1632849	LBG	21H0437	8	18	0	13	47	1336	-.12	30	130
1659308	BART	21H0270	45	52	10	2	73	875	-.12	50	128
1629270	STARCRAFT	16H0080	99	204	10	15	90	1186	-.05	35	127
1689657	CHIEF	21H0301	84	98	16	59	81	1135	-.03	36	125
1662154	SENSATION	21H0269	65	82	7	9	81	1048	-.01	37	121
1687902	ANDY	21H0410	17	25	10	56	49	1171	-.08	31	120
1681448	DUKE	21H0312	47	51	***	78	68	1097	-.05	33	118
1667149	BOOTLEG	21H0276	49	62	13	11	77	1064	-.04	33	116
1694652	MEDALLION	21H0333	18	19	***	89	44	1023	-.02	34	115
1639886	LOREN	21H0266	81	101	18	6	84	1119	-.06	28	113
1593702	MODERN	3H0607	54	58	10	2	80	955	-.00	35	112
1698200	PATTERN	21H0334	14	17	***	100	41	1111	-.09	27	111
1674833	CREAM	21H0278	32	35	14	10	65	1283	-.19	18	109
1682995	JESTER	21H0291	68	82	9	38	79	809	.06	38	107
1652232	DEAN	21H0268	211	349	10	10	94	666	-.11	40	100
1623662	ABEL	21H0246	95	113	13	14	86	962	-.08	23	95
CURTISS											
1613259	POLY ROYAL	40H2168	42	75	12	13	77	1551	-.02	54	178
1645942	BUFF	40H2763	5	24	5	13	39	1793	-.14	43	178
1694023	SPARTAN	40H2464	12	17	***	82	42	1573	-.03	52	177
1671532	GRENADIER	40H2365	20	29	0	41	57	1529	-.09	41	158
1578139	IVANHOE CHIEF	40H2119	1707	3909	9	46	41	1496	-.13	34	146
1680011	PIN	40H2414	25	31	***	87	57	1328	-.04	42	146
1675881	LASS	40H2363	13	18	***	44	44	1570	-.17	30	145
1558140	CHIEFTAIN	40H2288	442	891	10	60	97	1105	-.05	48	140
1663729	PABST	40H2294	95	207	9	40	88	1601	-.21	25	140
1611492	COLONEL	40H2652	10	43	4	8	54	1149	-.02	45	139
1605637	RICKEN	40H2573	8	50	7	8	46	1184	-.01	41	136
1644636	SONNY	3H0823	6	34	0	7	44	1257	-.06	37	135
1695258	TAMLANE	40H2801	17	34	5	26	60	1308	-.08	35	135
1546177	MAGICIAN	40H2325	125	220	3	67	89	1197	-.03	39	134
1607814	PARAGON	40H2612	19	57	0	0	68	1357	-.12	30	131
1654429	BIG JACK	31H0326	11	35	0	22	55	1288	-.09	33	131
1660702	MARBETH	40H2292	16	21	0	33	50	1252	-.07	34	130
1688551	CYCLONE	40H2474	22	29	***	100	55	1251	-.08	33	129
1682476	ESCALATOR	40H2436	14	20	***	100	45	1208	-.07	33	126
1625536	IVANHOE STAR	40H2734	9	50	3	13	59	1238	-.09	31	125
1634148	PINOAK	40H2722	3	13	0	0	29	1247	-.11	29	123
1596998	JOSIE	40H2521	18	102	1	26	58	1266	-.12	28	122
1675823	COMET	40H2295	10	12	27	8	37	1059	-.01	37	122
1601195	LEO ASTRONAUT	40H2174	17	22	6	6	55	1238	-.11	28	121
1650826	WALT	40H2283	33	47	14	5	79	1134	-.06	32	119
1695220	DER PHONIX	40H2458	15	20	***	85	46	1122	-.06	32	119
1585759	GEM	40H2516	21	50	10	35	69	997	-.01	37	118
1625661	MONEY MAKER	40H2655	16	30	0	7	60	1191	-.10	28	118
1659526	GRIDAN	40H2410	37	71	9	44	72	1096	-.04	33	118
1640982	EAST STAR	40H2748	12	32	4	18	53	926	-.04	39	116
1621066	ALBERT	40H2719	8	47	8	11	46	1043	-.03	33	115
1658173	IRISH	40H2296	38	46	4	32	68	1109	-.08	28	112
1608054	R. P. CHIEF	40H2562	6	41	4	20	47	1076	-.07	29	111
1673830	BENDMEAD	40H2320	15	23	0	40	50	1083	-.07	28	110
1614523	SPRING	40H2596	17	77	5	6	73	953	-.02	32	108

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	74 FAT	\$33
HOLSTEIN -CONTINUED-											
CURTISS -CONTINUED-											
1603912	PAT	40H2563	25	77	4	55	67	1200	-.15	20	107
1687535	DOMINANT	40H2417	13	16	**	94	40	1090	-.10	25	107
1597214	ASTRO DON	40H2534	12	68		10	59	820	-.05	37	106
1589041	VIGO	40H2396	268	493	9	62	95	1179	-.15	20	105
1607665	SNEAKER	40H2526	13	64	10	0	57	1193	-.16	19	105
1663172	STYLIST	40H2366	19	56	9	56	61	1098	-.11	23	104
1677079	PEACEFUL	40H2351	11	18	***	33	43	991	-.06	27	103
1672669	SKYLAB	40H2359	18	28	***	67	53	953	-.05	27	101
1562663	WIZARD	40H2328	813	1889	10	54	98	1124	-.14	19	100
1679509	MAKER	40H2434	18	24	***	63	51	986	-.07	25	100
1692428	MIL	40H2469	6	10	***	100	27	952	-.06	26	99
1672326	FAME	40H2402	14	17	***	29	46	819	-.01	31	98
1674831	ROCKET LAD	40H2378	22	23	***	65	51	907	-.04	27	98
1687077	BILLY	40H2437	8	10	***	80	30	963	-.07	25	98
1676252	CALEB	40H2411	34	46	***	84	65	920	-.05	26	97
GENETICS - CARNATION											
1624803	STAR MATADOR	24H0786	19	32	7	0	63	1357	-.09	64	179
1477755	ARLINDA CHIEF	11H0158	17	53	0	17	65	1520	-.08	42	159
1649214	PONCHO	11H2017	18	49	5	11	61	1519	-.10	39	155
1661728	ADVENTURER	11H2106	8	37	0	0	48	1382	-.04	44	153
1638983	SONNY-RAY	11H1771	9	11	***	0	39	1373	-.04	43	151
1600222	BLAZE	11H0167	109	168	10	72	86	1388	-.07	39	146
1659978	BEACON	11H2025	7	10	***	0	37	1264	-.01	45	146
1626486	CHAMP	11H1094	16	27	4	0	62	1245	-.02	42	141
1622305	ADA	11H0177	4	27	4	0	33	1352	-.09	35	138
1667575	DANMAR MONARCH	11H2044	17	33	11	3	59	1444	-.14	31	138
1681130	JEREMY	11H1204	18	42	***	81	58	1379	-.11	33	137
1682056	MILLIS-AN	11H1208	11	26	***	55	45	1310	-.08	36	137
1647517	LIEFRATOR	11H1118	16	26	8	4	57	1307	-.07	36	136
1689824	IDEAL SAM	11H1205	12	18	***	94	43	1069	-.03	43	131
1600743	PER HILARY	11H1012	13	32	13	45	58	1481	-.20	22	128
1628813	VIRGINIAN	11H0169	31	74	6	15	76	841	-.14	51	127
1626131	S BONANZA	11H1124	8	17	14	0	46	1251	-.09	31	126
1657608	ELEVATOR	11H2032	15	29	10	7	57	1044	-.02	41	126
1633263	SHINER	11H1076	10	18	6	0	52	985	-.03	41	123
1694445	PARAGON	11H2071	9	11	***	91	31	1033	-.01	39	123
1590759	APOLLO KING	11H1010	231	538	5	69	95	1261	-.14	25	118
1595067	STAR PERFORMER	24H0692	51	95	6	58	80	1300	-.16	23	118
1675594	TRAVIS	11H0462	13	30	8	17	52	1130	-.07	30	116
1619057	STAR	11H1056	28	45	16	18	70	1116	-.07	30	115
1657222	ELEVATION JOE	11H2004	18	51	6	23	62	1322	-.18	20	115
1676445	JURILEE	11H1168	28	38	12	38	62	806	-.09	43	114
1612677	EL CAPITAN	11H1057	18	31	4	0	60	1040	-.04	31	112
1667324	KEN CHIEF	11H1166	10	19	0	33	43	1128	-.09	27	112
1668920	SKIPPER	11H1152	16	25	0	32	51	1064	-.06	30	112
1616522	COUNTRY KING	11H0172	31	77	0	19	73	909	-.08	41	111
1624877	PAYMASTER	11H0173	27	51	12	7	70	1133	-.10	26	111
1665016	LOVE	11H2030	11	27	4	4	54	1122	-.10	26	110
1550906	APOLLO EIGHT	11H0157	146	614	0	25	94	1084	-.08	27	109
1610326	KINGPIN HOD DOO	24H0782	13	63	9	0	63	1107	-.09	26	109
1675049	JEWEL CHIEF	11H2048	15	34	24	12	57	750	-.10	42	109
1690733	SILVER WAVE	11H1233	13	16	***	88	42	1059	-.07	28	109
1587798	STARMAKER	24H0826	245	643	6	25	96	1330	-.24	12	104
1681628	DELMAR	11H1194	16	58	0	57	60	826	-.03	35	104
1691884	B-SAM	11H1243	14	16	***	100	42	1072	-.11	23	103
1664478	SITTING BULL	11H1125	8	59	16	15	47	936	-.03	29	102
1615618	CLIPPER	11H0174	9	20	8	8	48	1136	-.15	19	101
1641163	STARTRAITS	11H1089	15	18	37	0	51	877	-.11	30	100
1655983	MONEY BAGS	11H2039	9	34	4	3	44	836	-.12	41	100
1678356	REFORM	11H1160	23	36	10	19	63	850	-.00	31	100
1680511	GAYLORD	11H2046	19	44	***	75	60	985	-.08	23	97
1680682	CHESTER	11H2042	11	24	***	61	49	766	-.03	33	97
1602681	PER STERLING	24H0550	49	123	4	74	81	1012	-.10	21	96
1664341	APACHE	11H1150	13	71	8	3	61	904	-.05	26	96
1681175	ARLINDA ALAN	11H1203	12	14	***	50	40	830	-.01	28	94
1536957	FIRST MILLION	11H0084	1526	4063	10	30	99	795	-.01	27	90
1599905	KNIGHTBOOTS	11H1029	153	540	8	70	93	697	-.04	31	90
1648742	ROBIN KINGPIN	11H1167	52	104	12	20	82	879	-.06	23	90
A B S											
1684385	ELMER	29H3085	18	41	10	68	59	1799	-.05	74	223
1684205	JASON	29H3264	32	41	5	38	66	1919	-.07	58	208
1650414	VALIANT	29H2851	28	40	8	3	70	1840	-.06	57	201
1635912	OVER ARCH	29H2794	35	43	11	0	72	1750	-.03	59	198
1647459	CHRIS	29H2811	70	98	9	16	84	2312	-.32	32	196
1698738	LUCKY PRINT	29H3161	25	30	***	100	57	1681	-.04	54	186
1686025	IJON	29H3139	16	23	***	52	52	1443	-.07	64	185
1648493	BROOK	29H2856	22	26	8	0	62	1817	-.14	43	180
1673127	LUMINOUS	29H3129	32	45	3	27	70	1779	-.13	44	179
1670778	TANNSEN	29H3035	4	40	0	58	35	1576	-.03	53	178
1564328	DEMAND	29H2510	1206	2524	7	50	99	2087	-.30	27	175
1631223	VARS	29H0796	23	28	4	0	64	1746	-.15	39	169
1686926	WFFMATT	29H3141	12	13	***	92	37	1847	-.21	34	169
1697425	TWILIGHT	29H3158	27	28	***	86	56	1289	-.09	60	169
1603894	HARVEST	29H2550	58	147	3	73	87	1717	-.15	39	168
1659046	LINE CHIEF	29H2032	17	25	10	9	57	1310	-.06	57	166
1668484	SOONER	29H3645	6	15	***	31	32	1347	-.03	54	165

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
A B S -CONTINUED-											
1672151	SEXATION	29H2960	23	35	5	4	65	1343	.03	54	164
1689995	RADIUM	29H3117	18	20	**	9	48	1559	-.09	43	163
1669592	MARVIN	29H2969	24	27	0	0	61	1581	-.12	38	157
1685359	DYNAMO	29H3198	26	29	**	75	57	1445	-.06	43	155
1518703	BELMONT	29H1948	1719	4266	11	23	99	1609	-.16	34	153
1663473	DIPLOMAT	29H2915	24	37	0	6	67	1424	-.06	42	153
1695218	TEMPEST	29H3130	24	31	**	97	58	1372	-.04	44	152
1664494	CAL	29H2905	57	79	12	23	81	1578	-.16	33	150
1658167	BING	29H3555	6	17	**	0	37	1376	-.05	42	149
1693030	LUKE	29H3145	9	12	**	83	35	1416	-.07	40	149
1642993	MONEY-MAKER	29H2847	36	40	12	0	71	1682	-.22	27	148
1671167	SUPERMAN	29H2985	31	56	0	29	71	1509	-.13	35	148
1660592	WALK	29H2894	27	35	6	0	67	1384	-.07	39	146
1563679	ART	29H2417	1145	1486	11	32	99	1004	.13	56	145
1671336	CHECKMATE	29H3006	51	72	11	23	78	1525	-.15	32	145
1670654	CYPRESS	29H3032	25	55	17	36	68	1122	.06	50	144
1633380	FROSTY	29H2770	26	32	15	4	67	1317	-.05	40	143
1638034	MARKER	29H2809	22	30	**	8	65	1500	-.14	32	143
1698093	IMPERIAL ART	29H3201	11	13	**	100	36	1622	-.21	26	143
1575285	IMPERIAL KNIGHT	29H2501	570	1062	**	9	58	1092	.06	49	141
1633540	LEE	29H2873	20	33	4	0	65	1436	-.12	33	141
1682256	WHIRLWIND	29H3046	46	55	9	22	73	1280	-.05	39	139
1672322	JORDAN	29H3050	69	104	10	34	82	1511	-.17	28	138
1602410	BOUQUET	29H2655	30	38	9	6	71	1151	.02	44	136
1593263	CHIP	29H3200	164	250	14	80	91	1463	-.16	28	135
1616359	RUD	29H2694	25	29	9	4	65	1114	.02	44	135
1564147	GRAND SUPREME	29H2465	1438	3412	12	32	99	1697	-.29	16	134
1639748	PLAYBOY	29H2833	21	26	0	0	61	1601	-.24	21	134
1608372	STANDOUT STAR	29H2690	37	52	3	33	73	1387	-.13	30	133
1450228	FOOTMAKER	29H1981	7345	26163	6	5	99	1263	-.07	35	132
1672121	SPOT	29H3018	29	35	7	9	65	1436	-.16	27	132
1684833	PRIZE	29H3103	23	26	**	80	55	1198	-.04	38	132
1697162	KEN ROYAL	29H3183	17	22	**	100	49	1079	.02	43	132
1642136	ELEVATION LEGEND	29H3580	14	25	20	13	55	1205	-.04	37	131
1641285	KOP	29H2801	19	26	0	0	68	1252	-.07	34	130
1678178	FOOTLOOSE	29H3068	25	29	13	36	58	1442	-.18	25	130
1634703	AARON	29H2776	33	50	7	0	74	1200	-.05	36	129
1680121	MILMAY	29H3105	17	35	0	59	55	1191	-.05	36	129
1690469	HENRY	29H3081	22	31	**	60	58	1038	.03	43	129
1693308	ELI	29H3193	13	13	**	100	36	1325	-.12	29	128
1657970	ROYAL	29H3740	15	57	9	37	57	1055	.02	41	127
1685540	DIXIE	29H3760	4	28	0	35	38	1077	.00	39	126
1692619	SPRING CHIEF	29H3152	27	30	**	93	58	1197	-.06	34	126
1694079	PLATEAU	29H3135	12	14	**	100	37	1206	-.07	33	126
1680975	IMMACULATE	29H3066	34	44	0	27	68	1130	-.03	36	125
1662717	PRIME MOVER	29H2880	31	41	5	3	70	1077	-.01	38	124
1673806	BELLE	29H3017	23	80	9	43	70	1027	.02	40	124
1693040	LEPRECHAUN	29H3151	8	10	**	100	30	1155	-.05	34	124
1695206	GALEN	29H3165	29	22	**	100	50	1231	-.18	29	122
1647417	PAL	29H2863	29	38	**	7	69	1566	-.28	13	121
1675007	ARGUS	29H3750	6	26	7	42	39	1218	-.11	28	119
1589857	THADDEUS	29H3140	29	57	11	76	95	1373	-.19	20	118
1644914	UNIQUE	29H3735	7	37	0	7	40	1026	-.01	36	118
1669038	FLEET	29H2936	22	35	0	0	65	1321	-.17	22	118
1689994	RAIDER	29H3116	26	38	**	87	57	1108	-.05	32	118
1635790	LADDIE BOB	29H2789	25	35	17	3	67	1306	-.17	21	115
1657606	LARCHER	29H3560	11	34	5	27	56	1038	-.03	33	115
1658701	KING	29H2917	36	44	5	3	72	1288	-.16	22	115
1672519	BREAKTHROUGH	29H2929	31	40	9	5	70	950	.02	37	115
1692150	GRAND SLAM	29H3093	40	50	18	64	69	772	.11	45	114
1640803	ARIEL	29H2804	25	32	10	0	67	1336	-.20	18	113
1648465	ORMSRY	29H2825	122	278	9	22	90	1346	-.21	17	112
1663500	AUTOCRAT	29H2984	29	35	3	0	66	1105	-.08	28	112
1678710	BLEND	29H3070	26	47	0	59	64	976	-.01	34	112
1658837	EXCELLON	29H2875	49	83	9	11	80	962	-.01	34	111
1653334	CHIEF PABLO	29H2864	36	42	9	3	72	1251	-.17	20	110
1661742	ELROY	29H3640	10	20	0	20	46	946	.00	34	110
1663658	ELM	29H3755	21	40	0	31	64	1450	-.27	11	110
1589706	WIS APOLLO	29H2576	436	854	10	76	97	1183	-.14	22	108
1608369	ANN MAPLE	29H3385	2	35	0	0	34	595	.18	48	107
1674935	NORLE	29H3745	9	22	0	23	47	1036	-.06	28	107
1689578	MOUNTAINEER	29H3710	12	27	0	48	50	924	.00	33	107
1668154	APPLE	29H3630	6	20	11	5	41	461	-.24	52	104
1678369	PIE MAKER	29H3705	6	22	**	50	37	918	-.03	29	101
1636144	ASTROTURF	29H2783	30	40	15	0	71	1161	-.16	17	100
1617071	BOOT-NICK	29H2719	172	303	9	29	93	959	-.07	25	98
1663485	DAN	29H3700	5	17	0	29	37	940	-.05	26	98
1629385	MILESTONE	29H2785	121	222	5	10	91	1204	-.20	13	97
1629592	KITKEN	29H2751	23	25	15	0	61	956	-.05	32	96
1636562	LIFT OFF	29H2830	70	149	7	9	87	1080	-.14	18	96
1601125	BULLY THE KID	29H3370	6	36	6	3	47	1056	-.13	18	95
1615951	BLACK STAR	29H2679	31	39	11	0	72	970	-.09	22	95
1632079	GEMINI	29H2770	96	155	5	10	88	689	.07	35	95
1648032	TAURUS	29H2831	38	60	2	0	76	1012	-.14	16	89