

A.I. Sire Summary

This report contains the latest USDA-DHIA genetic evaluation on 364 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 number of sires available, only those with PD\$\$ greater than \$25 are listed.



Prepared by Ivan L. Mao and Clinton E. Meadows, Extension Dairy Specialist, with technical assistance from Roger R. Neitzel, Charles Goeke and Francis Ruvuna.

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 NAME of sire.

STUD CODE for technicians.

NO. HERDS in which records were made.

NO. DAUS. with production records.

PCT. INC. (percent incomplete) represents the portion of a sire's daughters in their first lactation that died or were sold before milking 305 day.

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 herd-mates of zero PD bulls. Prices used were \$9.50 per cwt. for 3.5% milk with an 10.7 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	11	+ 878	-.07	+ 26	+ 78	85%
Guernsey	29	+ 779	-.07	+ 30	+ 77	71%
Holstein	264	+ 945	-.08	+ 23	+ 78	62%
Jersey	48	+ 901	-.16	+ 30	+ 84	58%
Brown Swiss	12	+ 786	-.04	+ 27	+ 73	56%

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	7% \$**
AYRSHIRE											
M A B C - SELECT SIRES											
124927	RIVER RUN LEAGUE LEADER.....	17A7	101	292	10	17	91	1345	-.12	39	119
128289	MAR-RAL HI KICK.....	7A41	129	371	6	29	92	1347	-.12	39	119
129110	MAR-RAL COMMANDERS PRIDE.....	3A73	347	1173	10	17	97	1000	-.19	18	76
130174	MAR-RAL FICKLES BOY.....	9A79	77	163	11	33	87	739	-.11	17	60
CURTISS											
134172	FAIRDALE BETTYS GEMINI.....	40A434	70	142	14	53	83	672	-.12	13	52
122242	MERE DITH HARRY.....	40A432	263	983	13	12	97	320	-.03	9	28
GENETICS - CARNATION											
130952	BRISKLEA LEGEND.....	11A0410	45	125	8	7	82	755	.10	41	88
131142	OAK RIDGE COMMANDERS STAR.....	11A0411	102	344	8	10	92	688	-.05	22	63
A B S											
131450	REIDINA PREFERRED COMMANDER...	29A7611	96	264	15	7	91	1165	-.06	39	109
130772	ANCHOR MERE JUMBO.....	29A7615	9	33	22	4	51	1087	-.06	36	101
134469	OAK RIDGE GRETAS STARBOY.....	29A7613	33	60	10	54	68	535	-.05	16	48
GUERNSEY											
M A B C - SELECT SIRES											
580204	KELLOGG MINNIES CHOICE.....	3G145	40	91	11	4	79	1303	-.09	52	131
579953	OLYMPIC VIEW B MAVERICK.....	7G1038	26	120	13	54	74	1103	-.04	48	115
570735	WELCOME FLASHS HOLLIFEX.....	3G130	421	1437	13	27	98	800	.09	47	98
567336	SANDE HILL DOUBLE EMORY.....	7G126	278	896	10	10	97	1192	-.29	26	95
583873	FALCONS WISTAR PATRICIAN.....	7G1030	31	58	15	24	70	1033	-.13	34	94
579362	SCHWINGHAMER FARM QUANTITY....	17G77	65	225	11	27	87	714	.05	39	84
579293	KELLOGGS T C CHIEF.....	7G129	15	16	20	0	50	861	-.13	27	78
576489	KELLOGG NANCES CHEER.....	7G166	9	35	19	3	54	751	-.14	21	65
569288	EBER LEA FARMS WINSTON.....	7G957	297	895	11	35	97	569	-.03	24	59
573308	HOMWOOD PROUD BILLY.....	7G150	23	42	13	31	67	321	.13	28	50
568965	LYRENE PRINCE DUKE.....	7G527	265	835	13	12	97	234	.18	28	45
CURTISS											
582195	LYRENE WISTAR DEACON.....	40G1010	15	32	0	31	57	1219	.10	68	145
585136	GRANDVIEW WISTARS BART.....	40G1001	33	44	***	72	63	1037	-.02	47	111
577154	ATTEBROC FLASH DIVIDEND.....	40G1008	24	57	15	13	71	843	-.12	30	83
581091	WEE MANOR TOP COMMAND.....	40G1009	3	18	20	12	31	551	-.09	17	50
GENETICS - CARNATION											
575523	CLEVERLANDS ZENITH.....	11G0215	21	78	8	44	62	917	-.25	18	71
576489	KELLOGG NANCES CHEER.....	11G0216	9	35	19	3	54	751	-.14	21	65
566944	GRAIN MEADOW D FORTUNE.....	15G6108	52	204	8	41	81	554	-.09	17	44
580172	WESTERN GLOW DARI FINANCIER...	11G0214	55	151	13	17	84	392	-.07	8	26
A B S											
583550	GRANDVIEW WISTARS FABIAN.....	29G0788	28	122	26	15	72	1380	-.05	64	144
575655	CLOVELLY TOP HORNET.....	29G0781	121	244	16	42	91	1312	-.25	35	113
552895	CLEVERLANDS GENERAL ELDORADO...	29G0773	543	2444	12	9	99	809	-.03	35	84
580919	HOUSLEYS DARI FAVOR.....	29G0784	405	1197	16	14	98	662	.00	31	72
585398	KELLOGG CHIEFS MARTIN.....	29G0791	18	27	***	59	52	765	-.11	25	71
586325	LONE PALM INDEX NAVAJO.....	29G0810	9	28	11	4	42	578	-.09	18	52
579704	MCDONALDS TOP MAPINE.....	29G0783	44	73	14	14	78	727	-.26	8	49
584974	OVERLAND BON PRINCE.....	29G0793	19	26	***	85	52	330	.12	27	49
573658	WOODACRES SULTAN.....	29G0795	26	77	5	15	71	531	-.12	13	44
585589	MCDONALDS TOP PILOT.....	29G0792	14	20	***	80	44	426	-.11	9	34

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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	74 \$\$\$
JERSEY											
M A B C - SELECT SIRES											
614850	WILL RICH MERCURY.....	7J72	37	86	11	24	77	1518	-.10	66	159
617287	GENERATOR HL EARL.....	7J112	4	13	***	33	30	1517	-.33	43	133
619125	WELCOME SECRET TESTER.....	7J104	4	19	7	6	36	966	-.08	40	98
606421	TENN CONFIDENT IEB LAD.....	7J97	3	31	7	3	37	1017	-.17	35	96
616611	TENN NOBLE PREDICTOR.....	7J74	23	33	10	3	65	700	.07	42	86
611085	MAJESTIC VICTORY PHIL.....	7J95	36	121	0	38	77	831	-.11	31	81
618381	TRIUMPH SHELIA JUDGE.....	7J87	8	11	***	64	33	779	-.12	28	75
613173	GRAMMIL LEADER SOPHIA SAMSON.....	7J102	7	62	7	26	55	799	-.19	22	69
617178	GENERATORS DAIRYMAN.....	7J85	19	24	7	25	52	883	-.31	15	66
619315	H.V.F. ADVANCING GENERATION...	7J92	37	77	12	62	73	569	-.17	13	46
CURTISS											
617923	FOREST MIDNIGHT.....	40J583	8	20	0	40	41	1214	-.26	35	107
606982	H L POMPEY FREDERICK.....	40J566	192	767	8	30	95	962	-.05	44	103
614820	GOLDEN OPPORTUNITY.....	40J580	8	18	0	0	46	926	-.06	41	98
618993	SHADWELL ETHAN ALLEN.....	40J582	2	28	0	21	34	1050	-.20	33	95
615053	SUPREME VIRGINIAN.....	40J564	41	72	7	13	78	1053	-.27	27	89
606736	FAIR-WEATHER SUPERB LAD.....	40J569	83	219	10	28	87	728	-.04	33	78
617585	FOREST POMPEY PARSON.....	40J568	44	77	17	23	76	926	-.24	23	77
615385	MILK KING.....	40J579	8	14	0	0	44	511	.07	32	65
614987	DORCHESTER SIGNAL PINN.....	40J576	4	16	10	0	36	720	-.17	20	62
608927	FAIR WEATHER JUGGLER.....	40J561	134	387	10	10	93	586	-.13	17	52
616742	H.V.F. PACESETTER.....	40J565	237	666	11	27	96	606	-.26	6	40
GENETICS - CARNATION											
619994	STARN GENERAL.....	11J0317	15	32	***	66	56	1440	-.28	44	130
618324	THUNS GENERATOR DYNAMIC.....	24J310	13	25	4	0	54	1402	-.28	42	125
618853	FAVORITE SHAMROCK.....	24J0307	9	13	8	8	39	1280	-.19	45	122
605836	L.C. MASTER PRINCE.....	11J0314	151	639	13	35	94	1222	-.21	41	114
618052	MILLS SPARKPLUG.....	24J0305	9	26	19	0	54	1116	-.34	23	88
617652	PHILS MILK BOY.....	24J0301	18	39	3	15	66	778	.00	39	87
613308	SAYPOE TRIS BANNER.....	24J616	12	22	8	0	55	781	-.06	34	82
620771	PAYETTE GENERAL.....	11J0318	6	10	***	90	29	987	-.26	24	82
622217	M.S. KATIES SILVER MINT.....	11J0322	3	11	***	82	23	776	-.08	32	79
617655	PHILS FAVORITE JUAN.....	24J0306	20	57	9	12	69	689	-.01	34	77
620479	MODEL QUICKSILVER.....	24J0312	5	20	***	95	33	695	-.41	34	77
618058	ADONIS SALUTE.....	11J0320	21	55	11	45	62	641	-.18	23	62
614821	RENADA WOODSMAN.....	24J647	13	28	25	0	58	501	.00	25	56
615017	TENN TRAVELLER.....	24J649	18	47	24	5	67	515	-.17	10	40
606741	PHILNADE SURVILLE ROCKET.....	24J0343	37	258	13	45	82	510	-.23	4	33
A B S											
620428	GENERATORS JEWELER.....	29J2785	4	55	0	44	37	1679	-.28	55	155
616022	BRIARCLIFFS BOLD TORONTO.....	29J2788	10	37	6	3	57	1588	-.40	39	132
619710	BRIARCLIFFS ORACLE.....	29J2789	9	20	***	80	43	1249	-.23	40	114
619853	VICTORY TIME PREDICTOR.....	29J2764	15	39	***	95	57	1007	-.20	31	91
615066	H.V.F. ESMOND PLUS.....	29J2742	28	46	13	13	70	847	-.08	35	87
616323	QUICKSILVERS GOLDEN LAD.....	29J2784	11	29	4	4	57	630	.04	36	76
615073	SATUCKET FADAS ORATOR.....	29J2740	45	87	8	9	80	967	-.32	18	74
620324	STARDUST STAR-TREK.....	29J2749	21	29	***	83	53	782	-.15	25	72
618375	HIGH LAWN ORACLE.....	29J2752	11	25	7	32	47	755	-.15	24	69
619330	MILESTONE BEACONS ROMEO.....	29J2750	16	19	***	63	47	686	-.16	19	59
619844	VICTORY PRICELESS REVIVAL.....	29J2748	15	24	***	63	50	473	.01	25	55
609485	ADVANCER SLEEPING MILESTONE...	29J2755	178	447	7	72	93	422	-.21	2	26
BROWN SWISS											
M A B C - SELECT SIRES											
154812	NAKOTA PAVANNE EVELO.....	78625	38	64	4	4	77	2234	-.14	70	283
146947	WHITE CLOUD DOREENS DELEGATE..	9856	363	1380	10	26	98	1134	-.04	40	188
159771	E E BEAUTICIAN KING.....	78629	28	36	***	62	60	844	-.08	24	74
157342	EBENEZER LADDIE MERIT.....	78627	18	24	31	23	52	513	.03	25	57
150000	SHARON FARMS TAMARINDS CEDRIC..	78632	4	25	0	13	38	436	.04	23	50
CURTISS											
160195	WEST LAWN DORSET IMPROVER.....	408350	4	32	0	45	30	774	.01	32	79
163860	ALEXANDER ALARIC STRETCH JIM..	408351	2	29	9	32	23	842	-.05	27	77
156583	HIGHLAND ACRES ECHO JESS.....	408349	9	28	10	59	46	396	-.08	6	29
GENETICS - CARNATION											
156033	SUGAR VALLEY UNITED BANCO.....	1180518	12	35	4	21	55	362	-.04	10	28
A B S											
155075	WHITE CLOUD JASON CARSON.....	2983667	8	34	7	0	48	633	.07	34	74
158262	SUGAR VALLEY MARAUDEF.....	2983662	13	24	5	17	52	639	-.09	14	51
153837	RED BRAE CITATION.....	2983650	73	152	10	7	88	619	-.09	14	50

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 SIRE											
1590582	WAYNE-SPRING FOND APOLLO.....	7H191	23	32	0	0	65	2035	-.10	57	177
1583197	WAPA ARLINDA CONDUCTOR.....	7H195	40	45	0	0	73	1489	-.01	52	141
1491087	ROUND OAK RAG APPLE ELEVATION.....	7H55	4179	15003	6	26	99	1502	-.04	49	139
1590112	UK SENSATION.....	7H190	103	130	11	50	86	1547	-.07	45	137
1588259	HUBERVIEW MONARCH.....	7H431	22	47	8	41	64	1214	.04	51	125
1556373	GLENDELL ARLINDA CHIEF.....	7H477	58	112	0	60	79	1423	-.06	39	123
1684652	ROBTHOM GAY BURKGOV.....	7M257	41	47	0	64	68	1390	-.11	33	114
1632665	DIAMOND-S KINGMAN.....	7H821	7	28	***	93	43	1460	-.16	28	112
1542361	SIMPSONS AGENT-TWIN.....	7H849	3	19	0	27	26	1314	-.10	33	110
1629467	ROCBY ELEVATION CELEBRITY.....	7H291	16	19	***	84	44	1399	-.17	25	106
1591925	STILLWELL OLLIE OLIVER.....	7H193	48	52	12	11	74	1000	.04	43	104
1595519	WEL-HI TRIUNE NATE-TWIN.....	7H207	34	42	11	0	70	1342	-.15	26	104
1610590	LIMESTONE LANCELOT.....	7H211	47	112	8	59	78	1200	-.07	33	104
1529276	LEEBAR DRUMMER KINGPIN MICAH.....	7H242	666	1242	8	40	98	1143	-.04	35	103
1577549	BEANEHAVEN MEGADICTION.....	7H171	22	27	10	5	63	1302	-.13	27	103
1611284	MIL-R-MOR TRAILBLAZER.....	7H256	17	27	***	63	53	1220	-.09	31	103
1617266	CEDAR-GROVE GOLDEN NUGGET.....	7H286	43	59	***	80	70	1079	-.01	38	103
1569187	SUNGOLD KINGPIN PERCY BURKE.....	7H166	41	47	5	2	75	1067	-.02	36	100
1490217	E-Z ACRES DAGAN J SEARS.....	7H430	75	138	3	68	82	971	.02	38	97
1512925	SKAGVALE BOLD INHERITANCE.....	7H2007	454	1665	9	17	98	1216	-.13	24	94
1559991	LIME-HOLLOW ADMIRAL DE KOL.....	7H156	48	67	5	24	78	1115	-.06	28	93
1681540	HARDEN-FARMS ROBJO PARSON.....	7H225	38	43	8	17	68	887	.05	39	93
1584578	FOXLEASE EXPLOSION.....	7H2026	82	164	7	39	87	1187	-.13	23	92
1553779	LONG-HAVEN RUMPUUS-TWIN.....	7H350	60	76	7	0	83	999	-.04	30	89
1682569	LE-DEL TRIUNE DEAN.....	7H217	39	40	6	5	69	1225	-.18	17	87
1586745	E-Z-ACRES ORLO SKYDEAN.....	7H403	149	267	16	57	91	1029	-.10	22	82
1536047	KNOB-LICK GO.....	7H127	275	452	6	61	95	1809	-.10	22	81
1561753	DOUBLE NED HARVEYCREST WALKWAY.....	7H152	37	46	8	5	74	1136	-.12	19	79
1592964	GREEN-MEADOW CONSORT.....	7H206	25	34	3	0	64	1040	-.12	19	79
1688425	ARLINDA CINNAMON.....	7H241	26	29	10	52	55	884	-.04	26	78
1557766	KIN-VALE IDY CHAMP-TWIN.....	7H138	43	65	15	6	79	905	-.07	23	76
1562352	ROUND-OAK APOLLO VIRGINIAN.....	7H146	56	66	9	0	81	836	-.03	26	76
1515118	ST CROIXCO VEEDITION RON.....	7H676	976	2298	8	46	99	1181	-.22	9	75
1610343	VIGO FOND HATADOP.....	7H263	27	34	17	59	59	942	-.09	20	75
1618516	ZION-MEADOWS PER INTONE.....	7H922	10	17	9	0	41	940	-.09	20	75
1524956	MD-GAYMINDS MERRY KING.....	9H96	1302	3142	11	50	99	983	-.14	15	71
1618618	ARLINDA PROUD BOOTY-TWIN.....	7H820	4	33	***	88	40	859	-.07	20	70
1563897	ROUND-OAK ROCKMAN.....	7H147	82	130	4	5	88	652	.04	29	69
1619215	ARLINDA BOOTMAKER PALORIES LAD.....	7H273	14	18	***	89	42	800	-.05	21	68
1681151	BACH-ECHO LUCKY GEOFFREY-TWIN.....	7H244	21	25	24	18	56	857	-.09	17	67
1392858	NO-NA-ME FOND HAIT.....	7H091	3047	11790	8	2	99	575	.06	29	65
1534313	SEMOG DIANE DYNAMO.....	7H587	8	77	0	24	50	740	-.06	18	61
1522595	N-DEL-CEE QUICHMAN.....	7H504	42	117	4	19	76	753	-.08	16	60
1583489	ARLINDA EL.....	7H188	40	43	13	0	71	765	-.09	15	59
1580790	LONG-HAVEN KINGSTEAD ADMIRAL.....	7H182	29	32	13	0	67	988	-.22	2	57
1689249	SKOKIE MILKY NED.....	7H262	20	25	***	56	53	972	-.21	3	57
1576882	ROBTHOM VOYAGEUR VEEDITION.....	7H174	27	37	4	12	68	766	-.11	12	56
1598854	ENG-AMER APOLLO PERSEUS.....	7H213	38	49	9	14	70	769	-.16	4	47
1582023	PACLAMAR TRIUNE COSMO.....	7H415	144	234	3	60	90	633	-.11	7	43
1594583	SKAGVALE STARTREK.....	7H2035	240	546	12	50	95	737	-.21	-4	36
1516804	WOODBINE PEARL COMET.....	7H285	1404	3294	11	52	99	629	-.17	-2	32
CURTISS											
1611492	SAGESER CHIEF ASTRONAUT (CAONES).....	40H2652	3	15	10	29	31	1622	.01	61	159
1427381	PAWNEE FARM ARLINDA CHIEF.....	40H2025	4544	13686	7	4	99	1463	.09	67	157
1680253	DIAMOND-S SUNNY HANK.....	40H2599	6	82	0	42	47	1573	-.03	53	147
1623525	RANSOM-RAIL PAGEMAKER.....	40H2518	11	38	4	31	57	1634	-.08	46	142
1588140	DE-WA-SEE CARLJO CHIEFTAIN.....	40H2288	6	50	5	33	50	1178	.10	58	131
1603912	WILCOXVIEW PERFORMER PAT-TWIN.....	40H2563	2	28	0	4	34	1592	-.14	36	129
1562663	COLDSPRINGS STYLEMASTER WIZARD.....	40H2328	8	36	6	0	45	1283	-.03	42	119
1625661	BUN-YARD MONEY MAKER.....	40H2655	7	19	6	11	40	1205	-.07	33	104
1596998	M-JAYBEE ASTRO JUSTIE.....	40H2521	5	42	0	29	38	1197	-.08	31	101
1597214	ELM-CREEK ASTRO DON.....	40H2534	5	44	7	35	43	961	.04	41	100
1568362	C ROMANDALE SHALIMAR MAGNET.....	40H2080	630	1143	8	15	98	1464	-.24	16	99
1566548	ROCBY APOLLO FAWN HONOR.....	40H2335	17	33	4	7	61	1349	-.17	22	99
1595121	ARTEVEL FAYNE WALLIE QUEEN.....	40H2276	3	17	0	0	37	965	.03	40	99
1520034	WESTMORELAND BRIGADIER.....	40H2071	536	1108	10	14	98	1311	-.17	21	96
1540435	AUFDERHAUR KINGPIN SKY.....	40H2267	11	120	3	3	62	1237	-.16	21	92
1592942	REDWOOD-RAMONA MOONSHOT.....	40H2137	297	459	11	52	95	866	.03	37	91
1593924	BETTERWAY MARATHON.....	40H2491	8	35	0	32	44	1130	-.11	25	91
1578139	MILU BETTY IVANHOE CHIEF.....	40H2119	320	601	10	21	96	1121	-.11	24	89
1688854	WHITE-HEIGHTS R P CHIEF.....	40H2562	3	19	0	11	31	1039	-.06	28	89
1568026	JUNELL IVANHOE CHIEF CHARLIE.....	40H2329	4	28	19	0	35	920	.00	33	88
1585759	DODGE-VIEW GEM-TWIN.....	40H2516	6	30	9	27	41	1025	-.06	28	88
1687814	PARAGON BOOTMAKER.....	40H2612	7	19	***	39	39	1134	-.13	22	88
1627902	NUNESDALE M K MAGNET.....	40H2197	13	23	***	100	45	1071	-.10	23	85
1685637	MORRILL STAR BB BICKEN.....	40H2573	2	34	5	41	29	971	-.07	25	82
1554414	WHITTIER-FARMS IVANHOE ACE.....	40H2326	6	32	9	0	51	982	-.08	24	81
1613259	DAN-VER FOLY ROYAL.....	40H2168	9	8	***	8	40	844	.00	30	81
1588246	ZION-MEADOWS ADMIRAL GEEFI.....	40H2253	28	75	5	13	68	1052	-.13	19	80
1556873	HILMAR PERFORMER SHAWANA.....	40H2331	8	58	6	4	44	1085	-.15	17	79
1633075	COLDSPRINGS PENCOR BELLMAN.....	40H2533	5	22	5	0	44	1337	-.28	5	79
1615336	HONNETTE BRJYNCREST ASTRO.....	40H2602	6	31	27	55	34	915	-.07	23	77
1603277	UTAG ULTIMATE EMBLEM.....	40H2493	4	20	0	7	35	816	-.02	27	76
1571047	ARLINDA FOND MARTINER-TWIN.....	40H2515	9	40	17	14	50	965	-.11	18	74
1593407	ARLINDA ADVANCER.....	40H2139	228	418	5	38	94	897	-.08	21	73
1614823	LASTING-SPRING STANDOUT.....	40H2596	12	34	6	41	54	960	-.12	17	72
1458744	PACLAMAR ASTRONAUT.....	40H96	7722	29201	7	6	99	792	-.03	24	71
1570678	LEWAJOHN PACLAMAR LUCIFER.....	40H2572	4	29	0	50	35	986	-.14	15	71
1519107	HAVEN-LANE CRISS TONY.....	40H2175	527	1024	8	44	97	666	.03	29	70
1546177	WIS MAGICIAN GRAY VIEW.....	40H2325	7	34	0	6	45	795	-.04	23	70

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-											
1598625	ARLINDA ADVENTURE.....	40H2565	10	27	16	7	51	877	-.10	17	63
1477754	ARLINDA CHIEF ARISTOCRAT.....	40H2156	616	1262	7	35	98	852	-.09	18	67
1522330	SEMOG DOUBLE BENEFACOR CHIEF.....	40H2177	305	618	8	47	96	816	-.07	19	67
1561673	JO-DAN B E IVAN.....	40H2455	17	49	5	13	64	1057	-.21	6	67
1589041	VIGO STANDOUT REFLECTION.....	40H2396	10	30	19	7	54	957	-.16	11	65
1592662	WITESTAR SILVER DEAN.....	40H2155	13	23	0	43	49	306	.21	41	64
1588259	ARLINDA DON.....	40H2500	16	48	18	35	64	984	-.18	8	63
1590862	PARK-FREST KITTY KINGPIN.....	40H2334	8	31	0	0	47	707	-.03	21	63
1630660	SAPA-SKA LIGHTNING CHIEF.....	40H2229	8	10	***	100	29	887	-.09	16	63
1690041	UTAG ULTIMATE LUCKY.....	40H2492	2	14	18	0	28	857	-.12	13	62
1556268	BOSSIR PACLAMAR M CLARK.....	40H2336	9	35	13	0	49	574	.04	26	61
1564216	IDEOGRAPH KENNEDY ACE.....	40H2279	18	61	2	2	61	858	-.13	12	61
1574089	AR-VEE A C STORMY.....	40H2371	4	39	0	3	43	747	-.07	16	59
1590552	BLUMCREST CHIEF BENNIE.....	40H2566	5	34	15	12	39	716	-.06	17	59
1538103	BETTERWAY ASTRO JOE KEEN.....	40H2265	65	369	4	13	96	655	-.03	19	58
1565026	LEMAX RAG APPLE HAVEN.....	40H2488	12	31	0	7	58	901	-.17	7	58
1539519	OSCWIL BOR STYLIST.....	40H2233	8	41	0	13	49	487	.06	26	56
1569272	HOLTEX KINGPIN ARISTOCRAT.....	40H2327	4	17	7	0	37	604	-.03	18	54
1572262	MIDDESSA MARQUIS PERFECTION.....	40H2392	3	35	6	6	30	767	-.12	10	54
1566721	SLEEPY-HOLLOW ASTRO KING.....	40H2494	7	40	3	11	51	589	-.02	19	54
1489981	PENSTATE STAR DUST.....	40H2029	1544	3607	11	11	99	229	.19	35	53
1571033	OLFKES CHIEF DUNLOGGIN.....	40H2113	261	482	13	20	95	664	-.07	14	53
1622784	RAFTER-M IVANASTRO.....	40H2574	5	48	0	52	47	661	-.09	10	49
1586160	RUANN KNIGHT JUBILEE.....	40H2457	7	40	0	24	44	652	-.09	10	47
1597581	COOL-LAWN PERFORMER PROGRESSOR.....	40H2567	3	47	6	14	37	560	-.04	14	47
1539414	EL-PAJARO PIONEER THOR.....	40H2238	24	68	14	40	69	648	-.10	9	46
1593466	ARLINDA ASTRONAUT.....	40H2127	90	118	14	53	83	533	-.05	12	43
1543327	BUENA-VISTA ASTRO SYL.....	40H2311	9	39	7	16	48	354	.03	17	39
1607685	ORLAND ASTRONAUT BEN.....	40H2169	26	35	***	85	58	616	-.12	4	39
1591398	ARLINDA ASTROCHARM.....	40H2514	7	38	5	34	40	690	-.17	0	38
1559967	WINLINE BOOTMAKER MAJOR-TWIN..	40H2282	9	65	8	2	51	259	.02	12	28
GENETICS - CARNATION											
1477755	ARLINDA CHIEF CURRIER.....	11H0158	7	31	0	0	51	1616	-.07	48	144
1591773	RUANN ASTRO MINEP.....	24H0828	11	32	0	0	54	1474	-.05	46	134
1600222	STRICKLER BOOTMAKER BLAZE-TWIN	11H0167	7	27	0	19	44	1471	-.09	39	126
1624803	LANDSOON IVANHOE STAR MATADOR	24H0706	15	19	***	63	46	1153	.07	52	123
1590759	SLEEPY-HOLLOW APOLLO KING-TWIN	11H0101	18	28	0	0	60	1483	-.15	31	117
1624877	THUMB-PRIDE PAYMASTER.....	11H0173	18	35	***	57	56	1376	-.09	36	117
1557735	ARLINDA CHIEF MARINE.....	11H0166	5	29	0	22	35	1100	-.03	36	102
1620654	BO-LAN FALCON NEEDLE MASTER.....	11H0142	8	11	***	45	34	1083	-.05	32	96
1559080	LAVACRES MAPLE.....	24H0626	14	44	9	8	60	1073	-.05	31	94
1602681	SINKING-SPRINGS PER STERLING.....	24H0550	8	28	6	24	50	1017	-.03	33	94
1595067	BAR-REL STAR PERFORMER.....	24H0692	17	36	4	13	62	1235	-.15	22	93
1628813	OAK-GREEN VIRGINIAN.....	11H0169	12	39	7	26	57	898	.02	36	91
1499581	FRANLANE BLACK KNIGHT.....	11H0105	895	2907	10	28	99	997	-.04	30	89
1647355	KINGLEA TOTAL-TWIN.....	11H1174	7	16	***	88	36	914	.01	34	89
1571612	U-OF-MD COLUMBUS.....	24H0652	19	69	7	14	73	780	.06	37	85
1598286	WILCOXVIEW KINGPIN JOEY.....	11H1005	15	56	8	27	62	1083	-.07	26	85
1587798	LA-HCNCA STARMAKER.....	24H0826	76	144	6	29	87	1241	-.22	11	81
1599905	PAULO-BRO KNIGHTBOOTS.....	11H1029	17	53	15	16	58	876	-.82	29	81
1681827	POLYTECHNIC KNIGHT CROWN.....	23H0184	35	102	3	20	77	978	-.08	24	81
1620490	JOY-WIL IVANHOE STANDOUT.....	11H0171	9	15	***	29	39	1050	-.13	19	80
1536957	CARNATION FIRST MILLION.....	11H0084	320	582	11	11	97	791	.02	31	79
1611226	LEE-LANE CHIEF PEDRO.....	24H0831	11	29	***	56	49	938	-.07	24	79
1581130	LA-RARE MILLIONAIRE.....	11H0165	13	54	4	2	64	1189	-.21	11	78
1517422	LAZY-L SKYLINER WALLIE.....	24H0220	190	546	8	25	95	804	-.02	26	74
1610326	PRODUCERS KINGPIN HOO DOO.....	24H0702	12	45	10	40	57	844	-.06	21	70
1612677	ROLLING-VALLEY BOOT EL CAPITAN	11H1057	12	15	***	50	42	951	-.13	15	70
1616522	COUNTRY HOME ASTRO KING.....	11H0172	9	39	0	40	50	520	.12	36	70
1619057	GLEN-VALLEY STAR.....	11H1056	12	23	***	39	47	827	-.06	21	70
1637251	H-VA-GREEN-HILLS LUCKY PHIL.....	11H1092	11	15	***	73	40	781	-.03	24	70
1585846	GREEN-PASTURES STANDOUT IDEAL.....	11H0112	60	92	19	11	81	1113	-.22	7	69
1600743	SINKING-SPRINGS PER HILARY.....	11H1012	11	15	15	7	45	1081	-.21	8	69
1615618	TIMP-PRIDE ARISTOCRAT CLIPPER.....	11H0174	5	13	***	73	30	1092	-.16	12	69
1627798	HI-BROW ORMSBY MAGISTRATE.....	11H1104	5	15	***	33	30	891	-.13	13	64
1583490	TOMCREEK ARLINDA.....	11H0164	1	27	0	12	23	716	-.03	21	63
1574819	GERLOFF SENSATION SENECA CHIEF	24H0666	11	19	24	6	50	885	-.13	12	62
1585852	CAERNARVON OUTCHOE.....	11H0161	11	34	0	16	49	661	-.01	22	62
1632712	INDIANHILLS SKYCHIEF.....	11H0855	14	24	***	58	50	767	-.08	16	61
1497095	COHFAN SUNSHINE CHARMER.....	11H0145	189	568	4	79	94	599	-.17	7	58
1534781	SHADY-PARK ALICIA KINGPIN.....	24H0602	15	40	16	0	65	612	-.01	21	58
1594183	LAVACRES HOO DOO.....	24H0664	14	26	19	5	55	785	-.10	13	58
1608737	BETTERWAY STAND IN.....	11H1008	8	41	4	4	50	881	-.16	8	58
1515207	RUANN KNIGHT LUCKY.....	11H0159	591	2011	9	28	98	691	-.05	17	57
1607550	DIAMOND-S SHINY KING.....	11H0175	9	38	***	76	50	587	.00	21	56
1488581	BETTERWAY BEAR ADMIRAL.....	24H0535	371	1077	6	56	97	691	-.07	15	55
1483713	PACLAMAR TRIUNE NEEDLE-TWIN.....	11H1103	1134	2659	11	27	99	617	-.05	15	51
1574671	RUANN CITATION.....	24H0822	20	60	12	2	68	732	-.12	9	51
1565870	KANZABROOK MATT CARLO.....	11H0163	8	34	4	28	50	826	-.17	4	50
1590592	OAK-HILLRANCH BOOTS.....	23H178	47	157	12	11	85	760	-.15	6	49
1594881	STERK ASTRO BLEND-TWIN.....	23H180	41	117	13	13	81	542	-.03	16	48
1629647	SAR-BEN FONDEFEN.....	11H0176	7	29	20	59	40	467	.01	19	47
1526881	EL-KATRINA JELL ROSS.....	24H0224	223	1118	10	48	96	779	-.17	3	46
1545745	DUARTE-AGRES KNIGHT PRINCE.....	11H0150	27	154	3	31	76	654	-.10	9	46
1603633	DUMBELLE ASTROLINER.....	11H0125	7	16	0	21	38	469	.01	18	46
1448475	MAYTOR ROYAL DESIGN.....	24H0221	778	2649	10	34	99	749	-.17	2	44
1580060	NUNESDALE DIVIDEND SAILOR-TWIN	24H0668	15	32	11	0	60	726	-.16	2	42
1625937	DIAMOND-S VAR D RICK J.....	11H1072	30	42	***	90	63	631	-.11	6	42
1606122	MOON-GLOW PERFORMER STARKSFORD	11H1046	11	23	0	40	47	752	-.18	0	41
1606671	FULTONWAY RAVANHOE.....	11H0168	18	97	15	36	70	191	.14	27	41

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
GENETICS - CARNATION -CONTINUED-											
1610586	CARNATION SPACEMAN.....	11H0126	28	38	15	37	63	327	.96	20	41
1575620	J-L-KINGLEA KING DANIEL.....	24H0656	18	54	12	16	66	297	.86	20	39
1586168	RUANN PERFORMER IVAN.....	24H0824	16	39	4	10	62	572	-.09	7	39
1597836	WESTPORT ASTRONAUT STAR.....	11H1001	27	63	4	0	72	457	-.03	12	39
1534087	WELLER-FARM SAM ASTRONAUT.....	11H0160	17	35	11	10	60	636	-.16	0	35
1565609	STRAIGHT-PINE LARRYS DELIGHT..	11H0162	5	14	0	0	36	435	-.05	9	34
1596165	RUANN ASTRO KNIGHT.....	24H0825	14	51	16	8	61	660	-.18	-3	33
1602921	HUNTERDON SPECIAL EDITION-TWIN	11H0170	14	28	0	14	57	355	-.01	12	33
1494593	CLINTON CAMP DAUNTLESS TIDY...	11H0143	103	397	5	76	91	322	.00	11	30
1602525	CURTMAID APOLLO ADMIRAL.....	11H0155	4	63	4	6	35	444	-.09	3	28
A B S											
1556820	DELATI ALSTAR GERRI MARTIN....	29H2434	31	42	0	6	72	1621	-.06	49	145
1619340	MOWRY-C SEAMAN CHIEFTAIN.....	29H2720	19	24	***	58	51	1562	-.09	43	135
1593263	DIAMOND-GROVE CHIP.....	29H3200	10	28	14	15	50	1747	-.19	33	134
1595942	SUNNYSIDE ENGRAVER ASTRO-TWIN.	29H2614	27	34	13	0	65	1571	-.16	32	123
1631223	LIME-HOLLOW ELEVATION MARS....	29H2786	12	14	***	100	38	1493	-.16	29	115
1634846	AVLON AMITY.....	29H2767	16	23	***	96	50	1160	.02	45	115
1637672	GILTEX WINJAMMER.....	29H2758	24	30	***	80	57	1302	-.07	37	114
1629121	E-Z-ACRES MARGE TRADITION....	29H2794	17	17	***	100	44	1351	-.11	32	111
1621350	GREEN-PASTURES R WHITESTAR....	29H2671	27	32	14	14	62	1339	-.11	32	110
1555814	DOS-PALMOS COMET.....	29H2980	18	48	3	11	60	1357	-.12	30	109
1467915	OLYMPIC SEGIS ERIC-TWIN.....	29H1915	975	2293	9	12	99	1046	.04	44	108
1564328	POVERTY-HOLLOW BURKGOV DEMAND.	29H2510	72	109	6	19	85	1615	-.27	16	107
1591335	MOWRY-C CHIEF LINDY.....	29H2592	19	26	11	0	58	1460	-.19	23	107
1603894	WHITTIER-FARMS HARVEST.....	29H2650	29	35	4	13	65	1339	-.13	29	107
1450228	PACLAMAR BOOTMAKER.....	29H1881	5774	20194	6	7	99	1243	-.08	33	106
1611956	PACLAMAR IMPERIAL KNIGHT.....	29H2691	28	38	7	43	63	1429	-.19	22	104
1629385	POVERTY-HOLLOW MILESTONE.....	29H2785	34	43	***	93	64	1374	-.16	25	104
1518783	MAREVA PILOT BELMONT KATE.....	29H1948	174	301	16	81	92	1318	-.15	24	100
1608372	E-Z-ACRES STANDOUT STAR.....	29H2669	21	35	0	40	60	1326	-.16	23	99
1564147	SEVENS GRAND SUPREME.....	29H2465	37	46	6	8	73	1474	-.25	15	98
1541533	ILLINI FOND BILLY.....	29H2389	47	61	12	2	80	1073	-.04	33	97
1612521	JOKI R MAPLE ADMIRAL.....	29H2690	30	40	***	79	64	1061	-.03	34	97
1575285	MOWRY-K IMPERIAL KNIGHT.....	29H2501	27	37	9	0	69	892	.06	41	96
1549857	HUSKER SEAMAN THADDEUS.....	29H3140	2	43	10	0	35	1176	-.10	27	96
1616359	BUD-RANCH CHAMPION STANDOUT...	29H2694	16	20	***	55	48	972	.01	37	96
1570322	ARLINDA FOND MASTER.....	29H3225	8	60	6	31	50	892	.05	40	95
1615951	WILCOXVIEW BLACK STAR-TWIN....	29H2679	28	34	9	30	61	1203	-.14	23	93
1594937	BAMA SPRINGBANK DUKE.....	29H3210	9	48	6	23	50	1037	-.04	31	92
1617071	RIPPCHEN BOJT-NICK.....	29H2719	48	64	***	84	73	1107	-.09	26	91
1611107	MOWRY-C PRINCE VALIANT.....	29H2685	71	98	14	64	79	1172	-.13	22	90
1599964	SLEEPY-HOLLOW KENNEDY.....	29H2628	30	38	7	6	67	1193	-.15	20	89
1615549	USP PRIDE MAPLE BEN-TWIN.....	29H2665	27	35	15	25	63	851	.04	37	89
1563679	UK FOND MATT APT.....	29H2417	40	48	15	11	75	841	.02	35	88
1632413	MOWRY-C SKYMAN.....	29H2764	14	18	***	100	43	874	.02	35	88
1613580	WHITELYN BOOTMAKER RUMLER....	29H3350	7	22	0	15	41	973	-.05	26	86
1636144	MILL-LANE COUNT ASTROTURF.....	29H2783	12	14	***	100	38	1025	-.07	26	86
1615950	WILCOXVIEW WHITE STAR-TWIN....	29H2680	22	29	6	28	59	900	-.02	30	84
1608374	E-Z-ACRES ASTRO ROCKET.....	29H2668	30	38	7	11	64	884	-.01	30	83
1532749	DORLOY DELIAH DUKE.....	29H1964	88	140	7	66	86	982	-.08	23	80
1587904	FORBESACRES SEAMAN PAUL.....	29H2581	19	22	0	0	57	978	-.08	23	80
1602410	ARLINDA BOOTMAKER BOUQUET.....	29H2655	25	31	12	39	59	828	-.01	29	79
1531866	PACLAMAR COMBINATION.....	29H1960	1030	1991	8	43	99	1027	-.13	18	77
1577799	COLLINS-CREST SUNSHINE CHIEF..	29H2477	38	48	15	3	74	673	.07	35	77
1625615	MIL-BER STAR CHAMPION.....	29H2743	18	22	***	91	50	838	-.04	25	75
1611108	MOWRY-K CHIEF BLACK HAWK.....	29H2677	17	18	***	35	46	700	.04	31	74
1603217	POVERTY-HOLLOW GAY MAN.....	29H3335	8	26	6	35	40	801	-.03	25	73
1580859	LAWCREST KNIGHT ALLIANCE.....	29H2559	30	44	8	0	70	870	-.07	21	72
1579387	CHROME-VIEW JUPITER.....	29H2546	17	20	0	0	57	903	-.09	19	71
1549458	CAYUGA-INLET KENNEDY WIN.....	29H3280	13	42	10	27	57	1029	-.17	12	70
1612814	VUE-CLAIRE IVANHOE PACEMAKER..	29H2647	30	35	21	7	64	986	-.14	14	70
1629391	HANOVER-HILL TRIPLE THREAT-RED	29H2775	74	102	***	89	80	604	.07	32	70
1564649	TIHO KIT BUILDER.....	29H1959	23	84	5	25	68	960	-.14	14	69
1632713	INDIANHILLS SUNLINER.....	29H2762	10	11	***	91	34	964	-.14	14	69
1609651	DAN-VER CAROL COREY.....	29H3275	10	40	3	8	50	894	-.11	16	67
1593395	PACLAMAR ASTRO TOP COMMAND....	29H2588	30	46	10	0	71	590	.05	29	66
1599189	ROSTRAVER FARMS MISTER-RED....	29H2822	3	22	0	10	29	907	-.13	14	66
1605338	DIAMOND-S SUNNY KILROY.....	29H3215	2	31	0	13	27	894	-.12	14	66
1617296	SKAGVALE HAITIE MAPLE.....	29H2700	296	455	17	81	94	833	-.08	18	66
1562242	E-Z-ACRES POLYKNIGHT.....	29H2456	32	42	6	0	73	952	-.11	14	63
1589401	MILL-LANE PERFORMER PETE-TWIN..	29H2554	38	48	11	0	75	751	-.06	18	62
1608047	PAPPYS TIDY SILVER.....	29H2636	25	31	8	3	63	938	-.17	9	62
1625853	GREEN-PASTURES ELEVATOR.....	29H2739	17	17	***	65	44	882	-.14	11	61
1557246	SKAGVALE FRASEA ROCKET.....	29H1958	20	31	6	34	59	897	-.16	9	60
1562244	E-Z-ACRES BURKGOV B ACCLAIM...	29H2450	28	33	12	4	68	835	-.12	12	60
1564639	LIME-HOLLOW FAMOUS NED.....	29H2470	24	26	14	0	65	582	.02	24	59
1603862	DELATI ROBBIE FERN ORIN.....	29H2667	27	33	0	26	62	697	-.06	16	57
1586012	WILLSHOLM VICTOR.....	29H2570	32	46	0	3	72	991	-.18	6	56
1599706	TRI-TOWN HIS APOLLO.....	29H2576	33	46	6	0	72	797	-.12	11	56
1614214	BAR-LEE CITATION RED EYE.....	29H2728	27	35	***	83	59	542	.00	19	52
1608353	PACLAMAR MASTER.....	29H2820	10	20	***	61	43	655	-.07	13	51
1609575	RAYLORE ADMIRAL BLACKCAP.....	29H2662	25	33	***	70	59	438	.06	24	51
1601874	HARPAIN-O BOOTMARK.....	29H2637	67	104	8	42	82	643	-.07	13	50
1623775	ARLINDA LION.....	29H2765	37	53	***	91	67	589	-.06	12	46
1632079	G-J GEVIN.....	29H2770	17	21	***	95	48	507	-.03	14	44
1563649	HANOVER-HILL LUCKY SHAMROCK...	29H2475	526	923	12	17	98	348	.01	14	35
1572656	LUDVUE FOND TOM.....	29H2502	34	42	6	16	73	640	-.16	-1	34