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A.I. Sire Summary

Michigan State University

Cooperative Extension Service

Farm Science Series

Ivan L. Mao & Clinton E. Meadows, Extension Dairy Specialists, with technical assistance from Roger R. Neitzel and James F. Plog.

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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 at the time this bulletin was printed. Each sire had 10 or more daughters reported to USDA with production records and herdmate information.

Summary of A.I. Sires Reportedly<sup>\*</sup> Having Semen Available to Michigan Dairymen

<u>Breed</u>	<u>No. Bulls</u>	<u>PD Milk</u>	<u>PD %</u>	<u>PD Fat</u>	<u>PD \$\$</u>	<u>% Rpt</u>
Ayrshire	12	+613	-.05	+19	+50	85%
Guernsey	26	+621	-.06	+23	+54	69%
Holstein	222	+747	-.06	+17	+55	65%
Jersey	36	+726	-.11	+26	+63	56%
Brown Swiss	14	+556	-.01	+21	+49	65%

<sup>\*</sup> Courtesy of ABS, Carnation, Curtiss and MABC

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.

In choosing bulls, a herdowner should examine strictly the relative differences between PD's, regardless of his herd production level, management or feeding practices, etc.

The Modified Contemporary Comparison procedure was used for this summary. Both completed lactation records and records-in-progress were summarized. All daughter records were standardized to 2X, 305-day, and Mature Equivalent (within each calendar month of calving, breed, and region). Pedigree information based on a bull's sire and maternal grandsire was an important part of evaluation.

### 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 was 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 \$8.20 per cwt. for 3.5% milk with an 8.0 cent fat differential. The dollar value is the difference in gross value of product that should return per lactation.

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Prepared by Ivan L. Mao and Clinton E. Meadows, Extension Dairy Specialists, with technical assistance from Roger R. Neitzel and James F. Plog.

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAJS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
AYRSHIRE											
M A B C - SELECT SIRES											
124927	RIVER RUN LEAGUE LEADER.....	17A7	62	149	12	39	84	1049	-.12	28	81
129110	MAR-RAL COMMANDERS PRIDE.....	3A73	194	552	12	26	95	1055	-.17	22	76
130174	MAR-RAL FICKLES BOY.....	9A79	51	99	11	3	82	860	-.10	23	67
128289	MAR-RAL HI KICK.....	7A41	40	108	8	40	72	728	-.05	23	60
CURTISS											
122242	MEREDITH HARRY.....	40A432	187	607	12	26	95	351	-.03	11	29
GENETICS - CARNATION											
128289	MAR-RAL HI KICK.....	45A0041	40	108	8	40	72	728	-.05	23	60
131142	OAK RIDGE COMMANDERS STAR.....	11A0411	81	222	8	20	89	698	-.02	25	60
130952	BRISKLEA LEGEND.....	11A0410	32	78	6	16	74	515	.09	30	55
123936	OAK RIDGE ROYAL COUNT.....	11A0405	128	377	10	3	93	175	-.05	2	11
A B S											
131460	REIDINA PREFERRED COMMANDER...	29A7611	76	207	14	9	88	1122	-.05	39	95
119554	THE COUNT OF TOLL GATE.....	29A7608	389	1409	14	8	98	241	-.06	3	15
129905	MAR-RAL BRUIS COMMANDER.....	29A7612	49	124	8	39	78	-167	.03	-3	-12
GUERNSEY											
M A B C - SELECT SIRES											
580204	KELLOGG MINNIES CHOICE.....	3G145	28	62	11	28	69	1265	-.11	48	111
567336	SANDE HILL DOUBLE EMORY.....	7G126	207	617	9	22	95	1128	-.27	25	83
570735	WELCOME FLASHS HOLLIREX.....	7G130	220	577	13	40	95	755	.11	47	13
579953	OLYMPIC VIEW B MAVERICK.....	13G1038	3	12	**	83	27	800	-.05	33	73
579293	KELLOGGS I C CHIEF.....	7G129	14	15	18	20	43	873	-.15	26	70
577980	KELLOGG CHIEFS BILLY.....	7G529	18	25	9	8	56	603	.00	28	58
557482	APPLEBROOK FAMES CORPORAL.....	2953	342	1330	14	11	98	710	-.13	21	57
569288	EBER LEA FARMS WINSTON.....	7G957	100	131	6	56	89	522	-.07	18	44
568965	LYRENE PRINCE DUKE.....	7G527	177	474	10	34	94	274	.18	30	42
573308	HOMEWOOD PROUD BILLY.....	7G150	16	29	13	0	61	296	.09	23	37
553667	LYRENE MAY ROSE PRINCE.....	4G525	1046	6191	11	11	99	242	.09	20	31
CURTISS											
579211	WEE MANOR TOP DIVIDEND.....	40G1006	4	22	0	11	35	962	-.04	41	89
580908	MCDONALDS TOP SERGEANT.....	40G197	32	50	**	80	64	134	-.05	2	9
578121	TANNERY HILL FLORETS COMMAND..	40G199	53	158	8	32	79	206	-.13	-3	8
GENETICS - CARNATION											
576489	KELLOGG NANCES CHEER.....	11G0216	8	33	19	7	52	745	-.14	21	59
566944	GRAIN MEADOW D FORTUNE.....	15G0108	52	204	8	41	81	554	-.09	17	44
575523	CLEVERLANDS ZENITH.....	11G0215	1	35	3	0	24	369	-.10	8	27
586172	WESTERN GLOW DARI FINANCIER...	11G0214	21	63	3	44	65	104	.02	7	12
A B S											
575666	CLOVELLY TOP HORNET.....	29G0781	63	113	20	18	83	1187	-.25	30	90
552896	CLEVERLANDS GENERAL ELDORADO..	29G0773	410	1757	10	13	98	826	-.03	36	77
580919	HOUSLEYS DARI FAYVOR.....	29G0784	275	616	17	42	96	667	-.04	28	31
583550	GRANDVIEW WISTARS FABIAN.....	29G0788	3	12	**	92	25	609	-.02	27	57
573658	WOODACRES SULTAN.....	29G0795	14	50	5	15	57	709	-.15	19	55
572153	VILLA CREST P LEADER.....	29G0786	83	173	2	52	84	481	.05	28	51
579895	PRICE BLACK KUBILEE MISTER BOB	29G0782	15	114	30	9	57	484	-.06	17	41
579704	MCDONALDS TOP MARINE.....	29G0783	35	57	15	15	71	632	-.25	5	38

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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	WILLRICH MERCURY.....	7J72	16	37	20	26	59	1174	-.01 58	115
615125	WELCOME SECRET TESTER.....	7J104	4	15	10	27	30	1032	-.11 41	92
607971	U K CONFIDENT KELVIN.....	4945	19	35	10	0	65	942	-.04 44	90
613173	GRAMHIL LEADER SOPHIA SAMSON..	7J102	4	31	4	17	42	964	-.15 34	82
599997	TENN TORONO G J O LAD.....	18J33	47	193	8	8	84	907	-.13 33	79
611085	MAJESTIC VICTORY PHIL.....	7J95	7	54	0	8	50	938	-.10 33	75
616611	TENN NOBLE PREDICTOR.....	7J74	21	26	14	42	54	714	.05 41	75
612243	FAVORITE BANNER.....	7J660	30	57	7	10	72	550	.01 29	56
606421	TENN CONFIDENT IEB LAD.....	7J97	2	23	6	17	34	665	-.13 21	54
612576	BARLU BELLE BOY.....	7J66	9	18	7	12	45	534	-.05 22	48
617167	MILESTONES DYNAMO.....	7J81	24	40	**	98	58	176	-.08 2	11
CURTISS										
606982	H L POMPEY FREDERICK.....	40J566	73	216	7	62	87	933	.02 49	94
615053	SUPREME VIRGINIAN.....	40J564	21	35	9	69	58	1125	-.35 22	80
614987	DORCHESTER SIGNAL PINN.....	40J576	3	11	**	0	29	815	-.16 26	67
615385	MILK KING.....	40J579	7	13	0	0	41	636	.02 34	65
614820	GOLDEN OPPORTUNITY.....	40J580	6	16	0	0	41	596	-.06 24	54
606736	FAIR-WEATHER SUPERB LAD.....	40J569	14	73	12	23	62	525	-.07 20	46
608927	FAIR WEATHER JGGGLER.....	40J561	110	291	10	14	91	557	-.13 16	44
616742	H.V.F. PAGESSETTER.....	40J565	76	133	7	77	82	394	-.21 1	22
GENETICS - CARNATION										
610058	ADONIS SALUTE.....	11J0320	4	22	11	10	32	956	-.10 39	86
605836	L.C. MASTER PRINCE.....	11J0314	48	165	17	46	83	1777	-.24 31	55
613308	SAYPOE IRIS BANNER.....	24J616	12	22	9	15	49	883	-.09 36	80
617652	PHILS MILK BOY.....	24J0301	12	26	**	54	51	810	-.02 39	79
617655	PHILS FAVORITE JUAN.....	24J0306	11	25	**	96	47	689	.02 37	70
614821	RENADA WOODSMAN.....	24J647	13	28	21	13	56	511	-.01 25	50
606741	PHILNADE SURVILLE ROCKET.....	24J0343	11	77	8	35	65	444	-.19 5	23
615017	TENN TRAVELLER.....	24J649	18	44	26	5	64	387	-.15 6	26
A B S										
608877	PIXYS EAGLE MAGIC.....	29J2760	5	27	4	4	42	1177	-.30 30	90
615506	SUMMETZ MORGAN NAPOLEON.....	29J2782	2	14	7	0	30	818	-.06 36	76
609485	ADVANCER SLEEPING MILESTONE...	29J2755	15	69	0	20	61	873	-.16 29	73
615073	SATUCKET FADAS ORATOR.....	29J2740	19	36	**	83	58	792	-.26 15	56
615066	H.V.F. ESMOND PLUS.....	29J2742	8	10	**	90	29	588	-.06 24	53
612196	CRAFTSMAN JANICE JESTER.....	29J2733	18	29	16	13	57	542	-.11 17	44
600816	JOYCE SUPREME PILOT.....	29J2731	84	370	10	13	90	522	-.10 17	43
615784	R.A. PATTISON.....	29J2738	20	33	17	23	60	475	-.13 12	36
608657	U.N.H. DIAMOND OMAR.....	29J2751	11	73	5	15	56	520	-.26 2	29
BROWN SWISS										
M A B C - SELECT SIRES										
154912	NAKOTA PAVANNE EVELO.....	78625	32	54	6	20	71	1734	-.12 53	140
146947	WHITE CLOUD DOREENS DELEGATE..	9856	176	452	4	51	94	1157	-.06 39	97
151559	HARRIS HILL MARY VICTOR.....	78624	38	66	9	13	73	869	.06 43	85
150692	VENTURES SUNNY BRUCE.....	78622	42	95	16	7	81	601	.10 37	66
150000	SHARON FARMS TAMARINDS CEDRIC..	78632	3	22	0	0	36	489	.03 24	48
CURTISS										
156006	NORVIC GENERAL MARKER.....	408344	3	13	9	8	28	577	.01 25	53
159857	RED BRAE MONARCH.....	408340	21	30	**	99	51	566	-.04 18	46
151731	ARBOR ROSE BOUNCIN SUGAR BOY..	408342	2	18	7	7	26	374	.03 19	37
GENETICS - CARNATION										
152415	LEES HILL LAIRD SUNSET.....	1180510	89	222	11	10	89	58	.12 17	19
154171	HICKORY LAWN TRUSTEE.....	1180511	44	87	13	31	77	215	-.06 1	12
137395	WELCOME IN JUDGE.....	1180509	74	237	12	6	89	-18	.04 4	3
A B S										
153837	RED BRAE CITATION.....	2983650	54	114	12	12	83	687	-.10 15	50
155618	ARBOR ROSE CHAT TONY.....	2983657	4	13	0	15	35	185	-.03 4	13
147144	ROSELAWN TOPSYS TOPPER.....	2983654	61	181	16	66	82	291	-.15 -6	10

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 \$\$\$
HOLSTEIN											
M A B C - SELECT SIRES											
1590582	WAYNE-SPRING FOND APOLLO.....	7H191	15	22	0	55	49	1587	-.05	50	130
1556373	GLENDELL ARLINDA CHIEF.....	7H477	7	22	0	6	41	1573	-.10	42	122
1499133	ALED PEB PAT.....	3H347	202	270	6	68	93	1541	-.13	36	114
1583197	WAPA ARLINDA CONDUCTOR.....	7H195	31	35	0	59	60	1299	-.04	41	106
1569187	SUNGOLD KINGPIN PERCY BURKE...	7H166	35	42	5	5	69	1230	-.02	42	104
1491607	ROUND OAK RAG APPLE ELEVATION..	7H58	2084	5528	6	49	99	1222	-.04	38	99
1470512	PAULINA TOP SPOT.....	7H311	989	2291	8	37	99	1224	-.09	31	93
1515118	ST CROIXCO VEEDICTION RON.....	7H676	101	137	10	49	87	1341	-.17	22	91
1559991	LIME-HOLLOW ADMIRAL DE KOL.....	7H156	39	45	6	3	70	1224	-.11	27	89
1536047	KNOB-LICK GO.....	7H127	80	129	5	18	86	1131	-.07	31	89
1450692	LIME HOLLOW BURKGOV ROBURKE...	7H919	1456	4715	9	17	99	985	.01	37	86
1583489	ARLINDA ELM.....	7H188	27	29	**	79	55	1104	-.07	29	85
1588269	HUBERVIEW MONARCH.....	7H431	6	16	**	69	36	968	.01	36	84
1536450	ROSE-E-VUE ROCKMAN COUNT.....	3H443	71	90	13	1	84	1018	-.03	32	83
1590154	COLDSPRINGS STYLEMASTER AMOS..	7H196	27	28	7	50	57	1058	-.06	30	83
1590112	UK SENSATION.....	7H190	18	21	**	90	46	1033	-.05	30	82
1524597	LONG-HAVEN SEVENS WINTERS.....	7H334	54	64	8	2	80	933	.00	34	81
1537060	SIMPSONS APOSTLE.....	3H440	50	55	12	5	79	931	.00	34	80
1386859	CLANYARD RAG APPLE TRI-VIC....	7H645	907	1963	8	11	99	867	.02	35	78
1492486	ROBTHOM MONARCH VOYAGEUR.....	16H55	279	1006	11	23	97	1335	-.28	5	75
1562352	ROUND-OAK APOLLO VIRGINIAN....	7H146	47	56	10	2	76	897	-.02	30	75
1558842	ARLINDA JET STREAM-TWIN.....	9H107	35	56	4	2	74	1051	-.12	20	74
1512925	SKAGVALE BOLD INHERITANCE....	7H207	320	1061	9	20	97	1073	-.14	18	73
1553779	LONG-HAVEN RUMPUS-TWIN.....	7H350	58	73	7	2	81	921	-.05	26	73
1563897	ROUND-OAK ROCKMAN.....	7H147	75	111	5	11	85	808	.02	32	72
1399654	LONG HAVEN FAYNE KING WINTER..	7H314	703	1661	12	24	99	673	.10	39	71
1529276	LEEBAR DRUMMER KINGPIN MICAH..	7H242	104	134	0	87	84	901	-.05	25	71
1524955	MO-GAYWINDS WHIRLPIN.....	7H124	103	144	11	5	89	608	.13	41	70
1557766	KIN-VALE IDY CHAMP-TWIN.....	7H138	40	57	13	2	76	897	-.07	22	67
1522595	N-DEL-CEE DUTCHMAN.....	7H504	15	81	2	12	64	839	-.05	23	65
1561753	DOUBLE NED HARVEYCREST WALKWAY	7H152	35	43	6	8	70	921	-.10	18	65
1534313	SEMOG DIANE DYNAMO.....	7H507	5	50	0	36	45	917	-.11	17	64
1549021	HOLTEX RECORD ATLAS.....	7H131	106	165	9	1	90	977	-.16	12	63
1586652	E-Z-ACRES SEARS DEAN STAR FIRE	7H187	29	33	0	38	62	805	-.05	22	63
1506745	E-Z-ACRES ORLO SKYDEAN.....	7H403	9	29	5	30	53	934	-.13	14	62
1524956	MO-GAYWINDS MERRY KING.....	9H96	162	304	6	18	93	865	-.09	18	62
1552360	UK SUPREME.....	7H132	106	186	12	4	90	844	-.08	19	62
1577549	BEANHAVEN MEGADICTION.....	7H171	18	22	7	25	52	896	-.11	16	52
1491980	FLCRENDEL IVANHOE LOREN-TWIN..	7H924	105	153	11	70	87	619	.05	30	60
1591925	STILLWELL OLLIE OLIVER.....	7H193	21	24	**	75	50	735	-.03	22	59
1392858	NO-NA-ME FOND MATT.....	3091	2635	10320	8	13	99	602	.05	29	58
1566027	DIAMOND-S DIVIDEND.....	7H160	29	32	4	7	63	925	-.16	10	58
1580790	LONG-HAVEN KINGSTEAD ADMIRAL..	7H182	23	26	7	22	55	1001	-.23	2	55
1554242	ST-CROIXCO PIONEER MAJOR.....	7H137	57	74	3	3	81	632	-.03	19	51
1500609	SHADYVALE PEARL PRIDE.....	7H327	184	319	12	48	93	726	-.10	12	49
1576002	ROBTHOM VOYAGEUR VEEDICTION...	7H174	22	26	5	16	57	740	-.12	9	47
1502023	PACLAMAR TRIUNE COSMO.....	7H415	3	50	0	15	40	637	-.07	13	46
1556238	HULONG GAY APOLLO NINE.....	7H154	24	28	17	8	60	727	-.13	7	45
1490217	E-Z ACRES DAGAN J SEARS.....	7H430	3	29	4	0	30	500	.01	19	44
1552849	EDEAL PINONIA MATT TIPPY.....	7H145	60	77	11	7	80	664	-.12	7	41
1516004	WOODBINE PEARL COMET.....	7H285	97	240	8	34	88	589	-.10	6	37
1540036	ELEVATION VICTORY EDSON.....	7H100	156	264	8	5	93	743	-.26	-11	29
1454671	ROOBY IVANHOE DINA CHAMP.....	7H63	2862	9672	9	21	99	493	-.11	2	28
1538505	SUNNYSIDE GOVERNOR.....	7H2003	127	270	12	15	92	514	-.12	1	28
1458728	ECRASO WORTHY MASTER.....	7H107	1377	3781	10	27	99	522	-.17	-6	22
CURTISS											
1427381	PAWNEE FARM ARLINDA CHIEF.....	40H2025	3785	10934	7	15	99	1449	.09	66	137
1562663	COLDSPRINGS STYLEMASTER WIZARD	40H2328	7	35	6	6	39	1267	-.04	40	104
1558144	DE-WA-SEE CARLJO CHIEFTAIN....	40H2288	4	21	10	17	34	1051	.03	42	94
1520034	WESTMORELAND BRIGADIER.....	40H2071	368	715	10	17	97	1363	-.17	23	93
1585121	ARTEVEL FAYNE WALLIE QUEEN....	40H2276	3	13	0	0	31	1025	-.01	35	86
1566948	ROOBY APOLLO FAWN HONOR.....	40H2335	12	26	4	12	50	1197	-.13	24	85
1592942	REDWOOD-RAMONA MOONSHOT.....	40H2137	19	23	**	96	48	1098	-.08	27	83
1564216	IDEOGRAPH KENNEDY ACE.....	40H2279	14	53	0	28	56	1145	-.16	17	76
1540435	AUFDERMAUR KINGPIN SKY.....	40H2267	9	106	3	7	57	1094	-.16	15	71
1458744	PACLAMAR ASTRONAUT.....	40H96	6550	23101	7	12	99	844	-.04	25	58
1539510	OSCWIL BOB STYLIST.....	40H2233	4	29	0	0	42	628	.08	34	64
1589041	VIGO STANDOUT REFLECTION.....	40H2396	10	22	18	50	45	997	-.16	12	54
1572262	MIDDESSA MARQUIS PERFECTION....	40H2392	2	31	6	10	27	869	-.10	16	51
1590862	PARK-FOREST KITTY KINGPIN.....	40H2334	3	24	0	29	35	734	-.02	24	61
1508246	ZION-MEADOWS ADMIRAL.....	40H2253	14	59	6	15	56	920	-.14	12	60
1554410	WHITTIER-FARMS IVANHOE ACE....	40H2326	5	31	8	0	48	815	-.08	17	59
1538108	BETTERWAY ASTRO JOE KEEN.....	40H2265	35	201	2	47	82	705	-.04	20	56
1561673	JO-DAN B E IVAN.....	40H2455	11	30	5	25	53	841	-.12	13	56
1570396	PACLAMAR CHRISTMAS.....	40H2341	21	63	0	24	65	821	-.11	14	56
1565497	REU-HEL FARMS CHIEF ECHO.....	40H2394	1	12	**	42	19	702	-.04	20	55

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74	85
HOLSTEIN -CONTINUED-												
CURTISS -CONTINUED-												
1497153	ARLINDA CHIEF ROMEO.....	40H2330	3	144	14	2	41	578	.03	25	54	
1519107	HAVEN-LANE CRISS TONY.....	40H2175	49	98	8	53	72	638	-.02	20	52	
1539414	EL-PAJARO PIONEER THOR.....	40H2238	9	35	16	6	52	809	-.13	10	52	
1569272	HOLTEX KINGPIN ARISTOCRAT.....	40H2327	3	16	7	0	34	626	-.03	18	50	
1426912	CONNERHILL IVANHOE LEADER.....	40H2093	779	1612	11	28	98	335	.15	34	49	
1489981	PENSTATE STAR JUST.....	40H2029	1105	2326	11	23	99	277	.19	37	49	
1546177	WIS MAGICIAN GRAY VIEW.....	40H2325	5	24	0	0	38	674	-.06	15	49	
1560026	JUNELL IVANHOE CHIEF CHARLIE..	40H2329	4	28	20	7	33	571	.00	21	49	
1543327	BUENA-VISTA ASTRO SYL.....	40H2311	6	26	4	0	42	518	.01	20	46	
1556268	BOSSIR PACLAMAR M CLARK.....	40H2336	9	34	10	0	47	518	.01	20	46	
1586160	RUANN KNIGHT JUBILEE.....	40H2457	4	17	**	53	32	650	-.07	13	46	
1534171	TOMCREEK MARQUIS CHALLENGER..	40H2212	19	61	6	31	64	416	.06	24	44	
1522330	SEMOG DOUBLE BENEFACOR CHIEF..	40H2177	16	55	2	19	63	554	-.03	15	43	
1571033	OELFKES CHIEF DUNLOGGIN.....	40H2113	104	148	8	76	85	567	-.04	14	43	
1570100	ARLINDA BEN HUR.....	40H2453	9	35	11	44	46	467	.01	19	42	
1580562	CHRIS-FARMS BEAUTY KING.....	40H2456	6	20	8	30	36	527	-.04	13	40	
1593407	ARLINDA ADVANCER.....	40H2139	26	31	**	99	54	473	-.01	15	39	
1559967	WINLINE BOOTMAKER MAJOR-TWIN..	40H2282	2	46	3	5	28	403	.02	18	38	
1574000	AR-VEE A C STORMEY.....	40H2371	3	33	0	55	38	513	-.05	12	38	
1522265	RINCOM FURY RELAX.....	40H2240	6	53	3	15	39	421	-.02	13	34	
1543584	PACLAMAR DAIRYMAN.....	40H2454	6	35	8	15	39	452	-.04	11	34	
1503921	ARLINDA CHIEF DIPLOMAT.....	40H2264	4	40	10	0	46	473	-.06	9	33	
1560213	KANAWAKA CAPT D PADRE.....	40H2393	2	41	11	20	27	433	-.06	7	29	
1582148	KNOB-VIEW IVAN FORTY-NINER....	40H2111	23	29	**	90	54	430	-.06	7	29	
1558661	MIDROCK KING OSCAR.....	40H2333	11	31	13	18	53	467	-.09	4	28	
1582888	ELEVATION TIDY WILLIS.....	40H2120	9	10	**	90	30	312	-.02	9	25	
1586686	ARLINDA REX.....	40H2138	21	27	**	89	51	388	-.07	4	24	
1531718	HENRON FIFTY-FIVE ROCKMAN.....	40H2255	5	43	0	10	45	63	.10	17	19	
1533777	HAYSSEN CRAFTSMAN.....	40H2182	13	64	16	18	57	357	-.10	-1	18	
1595312	STERK MILLIE ASTRO-TWIN.....	40H2136	11	13	**	85	35	414	-.13	-4	18	
1466747	VALENTINE EL MINUTEMAN.....	40H2037	2096	5334	9	16	99	219	-.02	5	16	
1518086	GLENAFTON CHARM.....	40H2043	276	401	7	23	95	347	-.11	-3	16	
1556873	HILMAR PERFORMER SHIAWANA.....	40H2331	5	53	7	12	37	379	-.12	-4	16	
1485414	ROYALANE REFLECTION SHAMROCK..	40H2237	2	20	0	0	34	161	-.03	2	10	
1580019	ARLINDA SIOUX.....	40H2102	17	19	**	83	44	68	-.01	-4	-7	
GENETICS - CARNATION												
1590592	OAK-HILLRANCH BOOTS.....	23H178	23	52	**	90	66	1324	-.12	30	98	
1517422	LAZY-L SKYLINER WALLIE.....	20H0220	65	219	4	50	86	1122	-.07	30	87	
1571012	U-OF-MO COLUMBUS.....	24H0652	17	46	3	17	66	799	.08	41	80	
1545745	QUARTE-ACRES KNIGHT PRINCE.....	11H0150	6	78	3	3	53	950	-.07	24	72	
1585852	CAERNARVON DUTCHOE.....	11H0161	5	23	0	9	32	824	-.01	28	69	
1488500	BETTERWAY REAR ADMIRAL.....	24H0535	16	57	3	17	66	938	-.12	16	64	
1559084	LAVACRES MAPLE.....	24H0626	11	38	9	0	54	894	-.10	18	64	
1602525	CURTMATO APOLLO ADMIRAL.....	11H0155	2	49	3	15	30	809	-.05	22	53	
1585846	GREEN-PASTURES STANDOUT IDEAL..	11H0112	32	48	20	42	65	974	-.19	7	58	
1494593	CLINTON CAMP DAUNTLESS TIDY...	11H0143	14	55	5	13	63	502	.08	30	54	
1587798	LA-HONDA STARMAKER.....	24H0826	39	70	10	54	75	887	-.17	6	52	
1499581	FRANLANE BLACK KNIGHT.....	11H0105	248	1055	11	49	96	640	-.03	19	51	
1594103	LAVACRES HOO DOO.....	24H0664	7	19	**	79	38	749	-.10	12	51	
1550906	MAUR-LIND SULTAN APOLLO EIGHT..	11H0157	5	36	6	9	45	673	-.06	16	50	
1526881	EL-KATRINA BELL ROSS.....	24H0224	17	174	7	41	66	769	-.13	8	48	
1534780	SHADY-PARK ALICIA KINGPIN.....	24H0602	14	38	16	0	62	536	.00	20	47	
1483713	PACLAMAR TRIUNE NEEDLE-TWIN... 11H103	412	822	13	65	97	624	-.06	14	46		
1534087	WELLER-FARM SAM ASTRONAUT.....	11H0160	14	25	12	0	52	747	-.16	3	42	
1555357	80-NO ASTRO OONA VAULT.....	24H0640	15	52	5	10	59	564	-.05	13	42	
1467291	DIAMOND J ORION ZEST.....	24H0218	149	603	8	40	94	459	.00	17	40	
1515207	RUANN KNIGHT LUCKY.....	11H0159	185	481	5	62	93	529	-.06	11	38	
1597836	WESTPORT ASTRONAUT STAR.....	11H1001	23	38	0	51	60	486	-.05	10	35	
1580060	NUNESDALE DIVIDEND SAILOR-TWIN	24H0668	12	17	13	6	48	665	-.17	-1	34	
1586168	RUANN PERFORMER IVAN.....	24H0824	11	27	5	16	47	579	-.12	4	34	
1565609	STRAIGHT-PINE LARRYS DELIGHT..	11H0162	4	12	**	8	27	477	-.06	9	33	
1532951	KYLAND ROCKET.....	11H0079	43	65	11	32	75	317	.04	17	31	
1591099	CARNATION STARDUST.....	11H0120	1	10	**	20	18	460	-.07	6	30	
1492071	GOUVEIA ELMSMASTER.....	24H0222	217	395	8	45	93	378	-.03	10	29	
1525356	DELLFIELD BURKGOV KIT.....	11H0146	15	51	6	3	64	425	-.06	7	29	
1561864	KANAWAKA LUCKY CAPT JOE.....	11H0102	21	24	**	57	51	429	-.09	2	24	
1448475	MAYIOR ROYAL DESIGN.....	24H0221	94	319	13	77	90	457	-.12	-1	23	
1557921	SUNNYSIDE NOBLE STANDOUT.....	11H0093	92	152	16	24	87	460	-.12	-1	23	
1574671	RUANN CITATION.....	24H0822	14	45	19	31	60	414	-.12	-3	19	
1575620	J-L-KINGLEA KING DANIEL.....	24H0656	17	37	8	31	60	210	.01	9	19	
1521141	PACLAMAR NET PROFIT.....	11H0139	20	65	3	9	67	280	-.04	4	18	
1594801	STERK ASTRO BLENDO-TWIN.....	23H180	15	40	**	93	57	209	-.02	5	16	
1616999	PACLAMAR MILESTONE.....	11H0137	16	26	**	99	48	227	-.03	4	16	
1546588	HILLTOPPER REFLECTION RUFUS... 11H0151	10	41	10	12	50	246	-.08	-2	11		
1478738	LAVACRES BURKGOV BRUCE.....	24H0219	110	786	14	55	93	461	-.22	-16	10	
1428731	HILLARDS MONARK.....	11H0107	56	132	10	39	80	219	-.08	-4	8	

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAJS.	PCT CJLL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	74 :88
HOLSTEIN -CONTINUED-											
GENETICS - CARNATION -CONTINUED-											
1426616	PACLAMAR CAPSULE.....	11H0077	2045	5488	11	33	99	113	-.04	-2	4
1585895	PACLAMAR TRIUNE MARINER.....	11H0115	39	63	**	84	70	-.60	.00	-2	-5
1488907	INDIANHILLS SENATOR FLAME.....	11H0121	152	297	4	70	91	-.802	-.12	-.45	-.84
A B S											
1556820	DELATI ALSTAR GERRI MARTIN....	29H2434	25	33	0	0	66	1607	-.07	47	128
1454744	WESTSIDE A B SEAMAN.....	29H1879	2887	10547	9	14	99	1546	-.10	41	119
1555814	DOS-PALMOS COMET.....	29H2980	13	31	0	11	48	1561	-.11	39	118
1564147	SEVENS GRAND SUPREME.....	29H2465	30	37	7	15	66	1666	-.24	22	109
1461578	FINEVIEW K B O P TONY.....	29H1890	1009	2224	12	11	99	1027	.03	42	93
1564328	POVERTY-HOLLOW BURKGOV DEMAND..	29H2510	48	67	5	30	76	1536	-.27	13	93
1454407	BUSY ACRES ROBURKE SEARS.....	29H1892	602	1066	11	29	98	1217	-.09	30	92
1563679	UK FOND MATT ART.....	29H2417	34	42	15	0	71	1029	.00	38	89
1584687	MARINDALE SKY CHIEF.....	29H3090	8	19	**	39	40	1155	-.08	29	88
1450228	PACLAMAR BOOTMAKER.....	29H1881	4551	14457	6	27	99	1110	-.07	29	85
1587904	FORBESACRES SEAMAN PAUL.....	29H2581	11	12	**	99	35	1184	-.13	23	84
1454720	FULTONWAY IVANHOE BELSHAZZAR..	29H1885	1464	3692	11	13	99	959	-.01	34	82
1589857	HUSKER SEAMAN THADDEUS.....	29H3140	2	33	0	41	33	1134	-.11	24	82
1432733	FLEETRIEGE MONITOR.....	29H1869	1844	4741	10	22	99	999	-.04	31	81
1562243	E-Z-ACRES ROCKMAN TREASURE.....	29H2457	21	24	15	5	58	923	.00	33	79
1531866	PACLAMAR COMBINATION.....	29H1960	427	730	7	24	97	1135	-.15	19	77
1577799	COLLINS-CREST SUNSHINE CHIEF..	29H2477	33	42	17	8	64	776	.07	38	76
1580859	LAWCREST KNIGHT ALLIANCE.....	29H2559	17	24	**	75	51	968	-.05	27	76
1564649	TIHO KIT BUILDER.....	29H1959	3	50	6	27	53	1067	-.12	20	75
1467915	OLYMPIC SEGIS ERIC-TWIN.....	29H1915	593	1225	10	37	98	782	.05	36	74
1562242	E-Z-ACRES POLYKNIGHT.....	29H2456	30	40	6	6	70	1047	-.13	19	73
1532749	DORLOY DELILAH DJKE.....	29H1964	33	40	6	3	72	945	-.07	24	72
1518703	MAREVA PILOT BELMONT KATE.....	29H1948	28	38	16	0	69	947	-.08	22	70
1579387	CHROME-VIEW JUPITER.....	29H2546	12	15	**	57	42	963	-.11	19	68
1589706	TRI-TOWN WIS APOLLO.....	29H2576	21	27	**	89	54	1029	-.15	14	67
1599557	JIMBOOV TOP SPOT PAUL.....	29H2571	14	17	**	82	43	915	-.09	19	66
1574645	PENOPE PREMIER.....	29H2498	30	38	3	17	66	1016	-.16	12	65
1586655	E-Z-ACRES SENSATION SEARS D....	29H2573	21	26	**	88	54	932	-.05	23	65
1541533	ILLINI FOND BILLY.....	29H2389	42	54	12	0	77	805	-.04	23	54
1562241	E-Z-ACRES SEARS DEAN ACME.....	29H2455	21	23	10	9	57	1053	-.19	9	64
1575285	MOWRY-K IMPERIAL KNIGHT.....	29H2501	26	34	10	6	62	689	.03	30	64
1578657	STALLINGS ADMIRAL CHRISTOPHER..	29H2551	14	15	**	80	40	659	.04	30	62
1540369	LARIGAN SEGIS SEVENS-TWIN.....	29H1967	34	43	13	0	73	678	.02	27	61
1562240	E-Z-ACRES BURKGOV B ACCLAIM....	29H2450	26	31	12	0	64	935	-.14	13	61
1564639	LIME-HOLLOW FAMOUS NEO.....	29H2470	24	26	9	0	61	721	-.01	25	61
1589401	MILL-LANE PERFORMER PETE-TWIN..	29H2554	29	35	11	46	62	799	-.06	20	61
1581748	STAR-SUMMIT ADMIRAL PRINCE....	29H2537	20	26	15	44	56	801	-.07	19	60
1563414	SUNTOP RAG APPLE GRANDIER.....	29H2463	27	32	11	0	66	838	-.10	15	58
1579680	DELATI DUKE GERRI NORMAN.....	29H2536	23	34	5	21	61	860	-.14	11	56
1593395	PACLAMAR ASTRO TOP COMMAND....	29H2588	21	31	**	99	56	632	.01	24	55
1524382	OREGON-TRAIL RAG APPLE JIM....	29H1966	28	36	4	10	69	787	-.10	13	54
1573384	ARLINDA BLACKHAWK.....	29H2526	30	45	7	41	66	493	.07	28	52
1522350	FLEETRIEGE GRAND MARCH.....	29H1949	34	43	6	6	73	713	-.08	14	51
1548625	E-Z-ACRES BURKGOV B BRAVE.....	29H2411	21	26	15	0	61	829	-.15	8	51
1565501	LUDVUE DANDY KNIGHT-TWIN.....	29H2472	29	38	10	9	65	619	-.02	19	50
1508339	NOR-LENE ALSTAR PILOT.....	29H1928	1261	2516	14	60	99	231	.22	40	49
1430145	CITATION R MAPLE.....	29H1883	3778	10566	11	34	99	573	-.01	19	48
1557246	SKAGVALE FRASEA ROCKET.....	29H1958	8	18	6	0	45	837	-.18	4	48
1561598	KILINSDALE SEVENS MIKE-TWIN....	29H2441	22	27	10	0	61	592	-.03	17	47
1573386	ARLINDA ADAM.....	29H2525	14	16	0	27	44	704	-.11	9	45
1553052	ARLINDA SKYLARK.....	29H2428	25	29	17	0	63	468	.01	19	42
1572656	LUDVUE FOND TOM.....	29H2502	29	33	7	7	65	717	-.15	4	42
1573942	SPY-ROCK NAPOLEON.....	29H2515	31	44	17	24	67	753	-.17	2	42
1578804	MILL-VALE TOP PERFORMER.....	29H2539	24	36	17	43	61	573	-.05	13	42
1477381	UTAG IVANHOE ULTIMATE.....	29H1904	1739	4079	11	28	99	451	.02	19	41
1579474	BURTON-HILL WAVEMAKER.....	29H2532	36	46	10	49	68	592	-.09	9	40
1537886	MOWRY-C CITATION ROCKET.....	29H1953	18	43	12	33	53	402	-.03	19	39
1562021	ARLINDA TIDY.....	29H2461	36	41	9	0	70	661	-.14	4	39
1537889	MOWRY-C MAPLE.....	29H2372	27	32	13	0	66	662	-.15	2	37
1577945	D-V-C IVANHOE KAVALLIER.....	29H2493	26	34	11	3	64	602	-.11	5	36
1543753	COLLINS-CREST PACLAMAR SEVEN J	29H1961	908	1643	11	21	99	627	-.14	2	35
1593275	GREEN-PASTURES STYLEMASTER....	29H2578	16	19	**	95	46	538	-.09	7	35
1564322	BURKET-FALLS A B C.....	29H1957	6	29	13	43	37	380	.00	14	33
1545764	SAROB SKYLINE ADMIRAL.....	29H2870	2	17	12	0	26	495	-.08	6	32
1508952	STERK PRIDE.....	29H1946	15	105	2	23	69	485	-.09	5	30
1563649	HANOVER-HILL LUCKY SHAMROCK....	29H2475	308	484	12	32	95	358	-.02	10	28
1547575	GOUVEIA ELIMINATOR.....	29H2388	32	45	13	0	71	572	-.17	-4	27
1487148	NOB LICK ELEVATION BOB.....	29H1932	217	294	5	82	93	496	-.18	-9	18
1388586	ARLINDA FORTY-NINER STAR.....	29H1957	1451	3536	12	7	99	476	-.21	-14	15