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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.

March 1977

6 pages

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# A.I. Sire Summary

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

This report contains the latest USDA-DHIA genetic evaluation on 345 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.

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 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 a 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 Reportedly Having Semen Available to Michigan Dairymen\*

Breed	No. Bulls	PD Milk	PD %	PD Fat	PD \$\$	% Rpt
Ayrshire	13	+ 693	-.07	+ 20	+ 61	82%
Guernsey	32	+ 677	-.08	+ 24	+ 65	69%
Holstein	247	+ 786	-.07	+ 18	+ 64	64%
Jersey	38	+ 818	-.12	+ 30	+ 79	60%
Brown Swiss	15	+ 625	-.05	+ 18	+ 55	65%

\*Courtesy of ABS, Carnation, Curtiss and MABC

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 <u>LEAGUE LEADER</u> .....	17A7	86	230	10	21	89	1336	-.12	39	119
128289	MAR-RAL <u>HI KING</u> .....	7A41	97	261	5	39	88	1042	-.10	30	92
129110	MAR-RAL <u>COMMANDERS PRIDE</u> .....	3A73	285	931	10	28	97	977	-.19	17	74
130174	MAR-RAL <u>FICKLES BOY</u> .....	9A79	57	117	10	19	84	751	-.09	20	65
CURTISS											
122242	MEREDITH <u>HARRY</u> .....	40A432	232	848	13	16	96	315	-.03	9	28
134172	FAIRDALE <u>BETTYS GEMINI</u> .....	40A434	28	54	***	85	65	412	-.13	2	26
GENETICS - CARNATION											
130952	BRISKLEA <u>LEGEND</u> .....	11A0410	40	110	6	16	80	672	.08	36	77
131142	OAK RIDGE <u>COMMANDERS STAR</u> .....	11A0411	95	314	9	24	91	628	-.03	21	59
123936	OAK RIDGE <u>ROYAL COUNT</u> .....	11A0405	128	377	10	3	93	175	-.05	2	11
A B S											
131460	REIDINA PREFERRED <u>COMMANDER</u> ...	29A7611	92	240	15	6	90	1081	-.05	37	102
130772	ANCHOR MERE <u>JUMBO</u> .....	29A7615	9	32	28	17	49	992	-.07	31	98
134469	OAK RIDGE <u>GRETAS STARBOY</u> .....	29A7613	18	26	***	92	48	361	-.05	9	38
119554	THE <u>COUNT</u> OF TOLL GATE.....	29A7608	413	1537	15	3	98	264	-.06	4	13
GUERNSEY											
M A B C - SELECT SIRES											
580204	KELLOGG <u>MINNIES CHOICE</u> .....	3G145	37	85	9	11	77	1378	-.11	53	136
567336	SANDE HILL <u>DOUBLE EMORY</u> .....	7G126	251	802	9	12	97	1181	-.28	26	95
570735	WELCOME FLASHS <u>HOLLIREX</u> .....	7G130	327	1024	15	28	97	755	.09	45	92
579362	SCHMINGHAMER FARM <u>QUANTITY</u> .....	17G77	53	160	11	28	84	795	.02	40	89
579293	KELLOGGS <u>I Q CHIEF</u> .....	7G129	15	15	20	0	49	779	-.17	20	65
569288	EBER LEA FARMS <u>WINSTON</u> .....	7G957	222	549	10	47	95	567	-.06	21	55
577980	KELLOGG <u>CHIEFS BILLY</u> .....	7G529	18	23	8	7	60	440	.00	21	43
573308	HOMWOOD <u>PROUD BILLY</u> .....	7G150	16	29	13	0	62	309	.10	24	43
579953	OLYMPIC VIEW <u>B MAVERICK</u> .....	7G1038	8	56	10	59	54	369	.01	18	40
CURTISS											
582195	LYRENE WISTAR <u>JEACON</u> .....	40G1010	13	22	***	59	48	1022	.09	58	121
579650	KELLOGG <u>NANCES PRINCE</u> .....	40G1003	48	83	8	62	77	948	-.03	42	99
574026	LYRENE <u>FARGO</u> .....	40G1002	58	119	11	46	81	859	-.11	29	88
579211	WEE MANOR TOP <u>DIVIDEND</u> .....	40G1005	11	30	0	11	49	825	-.15	24	73
577154	ATTEBROC <u>FLASH DIVIDEND</u> .....	40G1008	20	49	16	3	67	706	-.08	25	67
581091	WEE MANOR TOP <u>COMMAND</u> .....	40G1009	3	18	13	11	29	566	-.08	19	53
578121	TANNERY HILL <u>F.ORETS COMMAND</u> ..	40G199	153	423	10	39	93	252	-.08	4	13
580908	MCDONALDS TOP <u>SERGEANT</u> .....	40G197	55	107	20	29	80	200	-.10	0	12
GENETICS - CARNATION											
576489	KELLOGG <u>NANCES CHEER</u> .....	11G0216	9	34	20	3	53	703	-.13	20	62
575523	CLEVERLANDS <u>ZENITH</u> .....	11G0215	7	42	3	16	39	665	-.16	16	55
566944	GRAIN MEADOW <u>D FORTUNE</u> .....	15G0108	52	204	8	41	81	554	-.09	17	44
583251	SHAMROCK CHAMPLON <u>FORTYNINER</u> ..	24G2261	5	35	***	86	35	269	-.01	12	28
580172	WESTERN GLOW DARI <u>FINANCIER</u> ..	11G0214	43	120	12	34	80	156	-.01	6	15
A B S											
583550	GRANDVIEW WISTARS <u>FABIAN</u> .....	29G0788	13	35	24	45	60	1100	-.06	46	113
575666	CLOVELLY TOP <u>HERNITA</u> .....	29G0781	88	178	17	28	88	1285	-.25	34	110
552895	CLEVERLANDS GENERAL <u>ELDORADO</u> ..	29G0773	42	2202	12	11	98	799	-.03	35	83
586325	LONE PALM INDEX <u>NAVAJO</u> .....	29G0810	8	23	15	23	39	755	-.08	28	73
580919	HOUSLEYS DARI <u>FAYVOR</u> .....	29G0784	357	992	15	20	97	605	-.01	28	65
573658	WOODACRES <u>SULTAN</u> .....	29G0795	13	63	6	13	64	666	-.15	17	57
579895	PRICE BLACK KUBILEE <u>WISTER BOB</u>	29G0782	21	140	36	10	67	642	-.14	16	54
579704	MCDONALDS TOP <u>MARINE</u> .....	29G0783	39	64	15	8	76	705	-.28	5	46
585398	KELLOGG <u>CHIEFS MARTIN</u> .....	29G0791	7	10	***	100	28	560	-.19	8	41
572153	VILLA CREST <u>P FADER</u> .....	29G0786	203	502	12	46	94	261	.10	22	33

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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	25	64	14	36	71	1178	+.00	59	131
616611	TENN NOBLE PREDICTOR.....	7J74	23	31	12	10	61	793	+.05	45	94
606421	TENN CONFIDENT JEB LAD.....	7J97	3	31	8	16	36	971	-.15	34	92
599997	TENN TOROND G D O LAD.....	18J33	71	259	7	21	88	974	-.17	33	91
615125	WELCOME SECRET TESTER.....	7J104	4	18	7	0	34	918	-.11	36	91
612243	FAVORITE BANNER.....	7J650	49	121	8	45	82	731	+.03	40	85
613173	GRAMMIL LEADER SOPHIA SAMSON..	7J102	5	44	6	15	49	903	-.18	28	82
607971	U K CONFIDENT KELVIN.....	4945	20	46	10	23	69	731	-.03	34	78
611085	MAJESTIC VICTORY PHIL.....	7J95	16	74	0	22	63	501	-.07	19	49
CURTISS											
615053	SUPREME VIRGINIAN.....	40J564	33	59	7	23	72	1288	-.27	30	115
606982	H L POMPEY FREDERICK.....	40J566	141	520	7	38	94	1037	-.05	47	118
617586	FOREST POMPEY PARSON.....	40J568	35	52	31	55	67	1050	-.23	30	93
614820	GOLDEN OPPORTUNITY.....	40J580	8	19	0	13	45	771	-.03	36	83
615385	MILK KING.....	40J579	9	14	0	8	43	689	+.00	35	77
614987	DORCHESTER SIGNAL PINN.....	40J576	3	15	10	0	35	658	-.15	19	59
606736	FAIR-WEATHER SIPHER LAD.....	40J569	55	192	15	42	81	909	-.05	21	52
608927	FAIR WEATHER JIGGLER.....	40J561	123	341	9	7	93	568	-.11	18	52
616742	H.V.F. PACESETTER.....	40J565	199	467	12	40	94	521	-.24	4	34
GENETICS - CARNATION											
619994	STARN GENERAL.....	11J0317	7	10	***	100	30	1125	-.18	39	105
617652	PHILS MILK BOY.....	24J0301	15	33	4	7	61	885	-.02	43	97
605836	L.C. MASTER PRINCE.....	11J0314	110	389	12	43	92	1037	-.20	33	95
610058	ADDONIS SALUTE.....	11J0320	8	29	9	21	40	897	-.09	37	91
613308	SAYPOE TRIS BANNER.....	24J616	12	21	9	0	53	752	-.06	32	78
617655	PHILS FAVORITE JUAN.....	24J0306	17	42	12	34	63	707	-.03	33	75
618062	MILLS SPARKPLUS.....	24J0305	9	24	20	25	50	844	-.28	16	65
614821	RENADA WOODSMAN.....	24J647	12	27	25	0	57	538	-.01	26	59
615017	TENN TRAVELLER.....	24J649	18	46	24	2	67	406	-.15	7	31
606741	PHILNADE SURVILLE ROCKET.....	24J0343	21	144	7	35	74	334	-.22	-3	16
A B S											
620428	GENERATORS JEWELER.....	29J2785	4	35	0	71	31	1417	-.24	47	132
616022	BRIARCLIFFS BOLD TORONO.....	29J2788	9	35	7	11	54	1265	-.35	29	104
608877	PIXYS EAGLE MASIC.....	29J2760	7	32	4	16	47	1133	-.29	28	95
616428	MAPLE LAWN ROXY LOTUS.....	29J2786	1	17	13	12	22	883	-.09	36	89
615066	H.V.F. ESMOND PLUS.....	29J2742	25	40	21	33	63	799	-.04	36	84
615505	SUMMETZ MORGAN NAPOLLEON.....	29J2782	2	17	6	0	32	796	-.04	36	84
616323	QUICKSILVERS GOLDEN LAG.....	29J2784	11	28	5	16	55	693	-.03	38	81
618376	HIGH LAWN ORAC-E.....	29J2752	8	20	***	55	39	642	-.14	19	57
615073	SATUCKET FADAS ORATOR.....	29J2740	39	71	4	21	75	687	-.27	9	49
609485	ADVANCER SLEEPING MILESTONE...	29J2755	50	133	2	41	80	473	-.15	10	33
BROWN SWISS											
M A B C - SELECT SIRES											
154912	NAKOTA PAVANNE EWILO.....	7B625	38	62	5	2	76	2162	-.14	67	195
146947	WHITE CLOUD DOREENS DELEGATE..	9B56	293	961	9	32	97	1104	-.05	38	104
151559	HARRIS HILL MARY VICTOR.....	7B624	44	88	12	10	79	368	+.04	44	103
150000	SHARON FARMS TAMARINDS CEDRIC..	7B632	3	22	0	0	37	452	+.05	24	52
150692	VENTURES SUNNY BRUCE.....	7B622	92	230	17	44	83	372	+.07	24	47
CURTISS											
160195	WEST LAWN CORSET IMPROVER.....	408350	2	13	***	47	23	988	-.05	33	92
156583	HIGHLAND ACRES ECHO JESS.....	408349	7	11	9	0	35	562	-.05	16	49
159857	RED BRAE MONARCH.....	408340	77	145	8	46	84	464	-.14	1	23
GENETICS - CARNATION											
156033	SUGAR VALLEY UNITED BANDO.....	1180518	12	35	4	21	55	362	-.04	10	28
152968	MAPLE GROVE ROCKY.....	1180519	10	27	5	13	49	300	-.09	1	17
154171	HICKORY LAWN TRUSTEE.....	1180511	55	115	14	13	83	115	-.03	1	8
A B S											
158262	SUGAR VALLEY MARAUDER.....	2983662	9	19	0	26	45	679	-.06	20	60
153837	RED BRAE CITATION.....	2983650	53	139	10	6	86	560	-.10	10	43
156618	ARBOR ROSE CHAT TONY.....	2983657	4	15	0	13	39	132	-.04	0	8
147144	ROSELAWN TOPSYS TOPPER.....	2983654	130	420	15	32	92	154	-.15	-12	-4

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	19	27	0	0	59	1739	-.09	50	155
1556373	GLENDELL ARLINDA CHIEF.....	7H477	15	45	0	46	54	1665	-.08	49	149
1583197	WAPA ARLINDA CONDUCTOR.....	7H195	40	45	0	7	71	1432	-.01	51	137
1491007	ROUND OAK RAG APPLE ELEVATION.....	7H58	3385	10949	6	34	99	1357	-.04	43	124
1590112	UK SENSATION.....	7H190	57	65	8	55	75	1203	-.05	36	105
1559991	LIME-HOLLOW ADMIRAL DE KOL....	7H156	43	49	5	0	75	1230	-.10	30	103
156187	SUNGOLD KINGPIN PERCY BURKE....	7H166	40	46	5	5	74	1103	-.03	36	102
1529276	LEEBAR DRUMMER KINGPIN MITCH.....	7H242	426	714	8	56	97	1053	-.03	34	97
1536047	NOB-LICK GO.....	7H127	117	189	6	24	90	1118	-.07	30	95
1512925	SKAGVALE BOLD INHERITANCE.....	7H2007	378	1312	9	14	98	1169	-.13	22	91
1595519	MEL-HI TRIUNE NATE-TWIN.....	7H207	33	42	11	19	67	1159	-.13	22	90
1604652	ROBTHOM GAY BURKGOV.....	7H257	14	15	***	87	40	1154	-.14	21	89
1601540	HARDEN-FARMS ROJO PARSON.....	7H225	27	30	0	7	57	857	.02	34	85
1577549	BEANEHAVEN MEGADICTION.....	7H171	20	24	10	0	59	1085	-.12	21	85
1588269	HUBERVIEW MONARCH.....	7H431	10	28	10	25	50	827	.03	35	85
1562352	ROUND-OAK APOLLO VIRGINIAN....	7H146	56	65	9	2	80	895	-.01	30	83
1602569	LE-DEL TRIUNE JEAN.....	7H217	35	37	6	43	64	1162	-.18	15	83
1553779	LONG-HAVEN RUMPUS-TWIN.....	7H350	59	75	7	3	82	921	-.04	27	82
1557766	KIN-VALE TIDY CHAMP-TWIN.....	7H138	42	62	15	2	78	942	-.04	23	79
1591925	STILLWELL OLLIE OLIVER.....	7H193	41	45	15	19	70	804	.01	30	78
1576002	ROBTHOM VOYAGEUR VEEDITION....	7H174	24	31	4	7	64	1009	-.12	18	77
1583489	ARLINDA ELM.....	7H188	38	41	15	8	66	926	-.08	22	77
1584578	FOXLEASE EXPLOSION.....	7H2026	54	95	8	38	80	984	-.13	16	74
1490217	E-Z ACRES DAGAN J SEARS.....	7H430	11	39	4	28	43	708	.03	30	73
1580790	LONG-HAVEN KINGSTEAD ADMIRAL..	7H182	29	31	13	0	64	1130	-.22	7	73
1563897	ROUND-OAK ROCKMAN.....	7H147	79	125	4	8	87	710	-.02	29	72
1561753	DOUBLE NED HARVEYCREST WALKWAY	7H152	35	44	8	0	73	917	-.11	17	71
1515118	ST CROIXCO VEEDITION FON.....	7H676	612	1150	10	71	98	1043	-.19	9	70
1603635	WIL-DO ASTRO VEEDITION.....	7H2037	20	27	0	42	55	764	-.04	22	68
1392858	NO-NA-ME FOND MATT.....	7H031	2926	11371	8	4	99	599	.06	30	67
1534313	SEMOG DIANE DYNAMO.....	7H507	5	51	0	0	46	778	-.04	16	62
1524956	MD-GAYWINDS MERRY KING.....	9H96	777	1477	8	69	98	811	-.12	12	60
1592964	GREEN-MEADOW CONSORT.....	7H206	25	35	4	21	61	821	-.12	12	60
1566027	DIAMOND-S DIVIDING.....	7H160	34	39	3	9	70	776	-.12	11	56
1600603	ROSE-BROOK STANDOUT CENTURY...	7H231	35	37	10	59	62	654	-.05	17	55
1506745	E-Z-ACRES ORLO SKYDEAN.....	7H403	59	103	9	59	80	786	-.13	9	55
1502023	PACLAMAR TRIUNE COSMO.....	7H415	43	121	0	52	72	615	-.04	17	54
1522595	N-DEL-CEE DUTCHMAN.....	7H504	24	95	4	9	70	663	-.08	13	52
1590854	ENG-AMER APOLLO PERSEUS.....	7H213	23	36	18	31	61	745	-.17	2	45
1594583	SKAGVALE STARTREK.....	7H2035	129	274	16	63	91	714	-.21	-5	35
1590154	COLDSPRINGS STYLEMASTER AMOS..	7H196	36	38	13	0	63	397	-.04	8	31
1552849	EDEAL PINONIA MATT TIPPY.....	7H145	59	87	12	7	83	447	-.16	-7	18
1516004	WOODBINE PEARL COMET.....	7H285	756	1493	11	70	98	386	-.14	-6	15
1604654		7H257									
CURTISS											
1427381	PAWNEE FARM ARLINDA CHIEF.....	40H2025	4292	12974	7	7	99	1450	.09	67	155
1603912	WILCOXVIEW PERFORMER PAT-TWIN..	40H2563	2	26	***	73	32	1447	-.10	37	123
1623525	RANSOM-RAIL PADEMAKER.....	40H2510	9	25	***	65	45	1414	-.08	39	123
1562663	COLDSPRINGS STYLEMASTER WIZARD	40H2328	8	36	6	3	44	1328	-.03	43	122
1597214	ELM-CREEK ASTRO DON.....	40H2534	5	29	11	29	41	948	.09	48	105
1520034	WESTMORELAND BRIGADIER.....	40H2071	468	930	11	13	98	1313	-.16	23	101
1558140	DE-WA-SEE CARLJO CHIEFTAIN.....	40H2288	6	34	6	36	44	943	.05	42	99
1566948	ROBY APOLLO FAWN HONOF.....	40H2335	15	32	4	7	59	1280	-.15	23	98
1560362	C ROMANDEAL SHALIMAR MAGNET....	40H2080	535	967	7	16	98	1393	-.23	15	95
1585121	ARTEVEL FAYNE WALLIE QUEEN.....	40H2276	4	15	0	0	36	935	.01	35	91
1540435	AUFDERMAUR KINGPIN SKY.....	40H2267	10	110	3	2	58	1187	-.15	20	90
1578139	MILU BETTY IVANHOE CHIEF.....	40H2119	251	495	11	31	95	1123	-.11	24	90
1592942	REDWOOD-RAMONA MOONSHOT.....	40H2137	139	215	14	64	83	821	.02	33	88
1538108	BETTERWAY ASTRO JOE KEEN.....	40H2265	47	280	4	15	86	921	-.04	27	82
1564216	IDEOGRAPH KENNEDY ACE.....	40H2279	15	58	2	4	59	1022	-.13	17	77
1592662	WITESTAR SILVER DEAN.....	40H2155	9	13	***	31	36	553	.15	42	77
1593924	BETTERWAY MARATHON.....	40H2491	5	24	0	35	34	901	-.06	23	75
1454744	PACLAMAR ASTROVAULT.....	40H96	7339	27153	7	8	99	819	-.03	25	74
1519107	HAVEN-LANE CRISS TONY.....	40H2175	321	543	9	65	95	726	.02	30	74
1522330	SEMOG DOUBLE BENEFACOF CHIEF..	40H2177	171	314	4	68	92	824	-.03	25	74
1560026	JUNELL IVANHOE CHIEF CHARLIE...	40H2329	4	28	19	0	34	744	.01	29	74
1570678	LEWJOHN PACLAMAR LUCIFER.....	40H2572	4	15	***	30	32	988	-.14	15	73
1603075	COLDSPRINGS PENCOK BELLMAN.....	40H2533	5	22	8	27	41	1230	-.28	2	73
1554410	WHITTIER-FARMS IVANHOE ACE.....	40H2326	5	32	9	0	51	886	-.08	20	72
1561673	JO-DAN B E IVAN.....	40H2455	15	43	4	22	61	1007	-.16	13	72
1593407	ARLINDA ADVANCER.....	40H2139	160	245	5	62	91	847	-.07	21	71
1508246	ZION-MEADOWS ADMIRAL.....	40H2253	20	65	5	10	62	951	-.14	14	70
1585759	DOUGE-VIEW GEM-TWIN.....	40H2516	4	23	0	35	35	836	-.08	19	68
1603277	UTAG ULTIMATE EMBLEM.....	40H2493	3	13	0	0	31	720	-.01	25	64
1539414	EL-PAJARO PIONEER THOR.....	40H2238	9	39	14	0	54	935	-.15	12	67
1556873	HILMAR PERFORMER SHIAHANA.....	40H2331	7	55	6	2	41	896	-.12	14	67
1590862	PARK-FOREST KILLY KINGPIN.....	40H2334	7	30	0	14	43	717	-.01	24	67
1596998	M-JAYBEE ASTRO JOSIE.....	40H2521	3	23	0	30	23	783	-.06	20	67
1546177	WIS MAGICIAN GRAY VIEW.....	40H2325	6	29	0	14	41	744	-.05	20	64
1477754	ARLINDA CHIEF ARISTOCRAT.....	40H2156	405	764	7	39	96	773	-.08	16	62
1591398	ARLINDA ASTROCHARM.....	40H2514	5	23	7	29	34	981	-.21	4	61
1539510	OSCHIL BOB STYLIST.....	40H2233	5	35	0	15	45	512	-.06	28	59
1589041	VIGO STANDOUT REFLECTION.....	40H2396	10	27	20	7	52	844	-.14	10	59
1598625	ARLINDA ADVENTJRE.....	40H2565	9	26	29	38	47	777	-.10	13	58
1426912	CONNERHILL IVANHOE LEADER.....	40H2093	998	2252	11	15	99	341	.16	36	58

REGISTRATION NUMBER	NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	7% \$22
HOLSTEIN -CONTINUED-											
CURTISS -CONTINUED-											
1600041	UTAG ULTIMATE LUCKY.....	40H2492	2	14	18	0	27	756	-.10	13	57
1569272	HOLTEX KINGPIN ARISTOCRAT.....	40H2327	3	17	7	0	36	608	-.03	18	54
1574000	AR-VEE A C STORMEY.....	40H2371	4	35	0	0	41	681	-.07	14	54
1489981	PENSTATE STAR JUST.....	40H2029	1416	3143	11	14	99	246	.19	36	53
1556268	BOSSIR PACLAMAR M CLARK.....	40H2336	9	35	13	0	48	534	.01	21	53
1583485	ARLINDA ASTRONAUT.....	40H2127	40	43	14	60	67	624	-.05	16	53
1543327	BUENA-VISTA ASTRO SVL.....	40H2311	7	33	4	19	44	510	.02	21	52
1572262	MIDDESSA MARQUIS PERFECTION.....	40H2392	3	33	6	3	29	768	-.14	7	52
1580562	CHRIS-FARMS BEAUTY KING.....	40H2456	6	23	5	5	42	703	-.10	11	52
1543584	PACLAMAR DAIRYMAN.....	40H2454	10	53	5	28	48	529	.00	19	51
1565026	LEMAX RAG APPLE HAVEN.....	40H2488	12	29	0	0	56	762	-.15	5	43
1590552	BLUMCREST CHIEF BENNIE.....	40H2566	2	30	20	14	32	618	-.06	13	49
1571033	DELFKES CHIEF JUNLOGGIN.....	40H2113	203	757	12	37	94	564	-.05	13	47
1571047	ARLINDA FOND MAKINER-TWIN.....	40H2515	8	33	24	30	47	679	-.12	7	47
1586160	RUANN KNIGHT JUBILEE.....	40H2457	5	26	0	18	39	657	-.10	9	47
1503921	ARLINDA CHIEF DIPLOMAT.....	40H2264	4	47	13	3	47	549	-.05	13	46
1559967	WINLINE BOOTMAKER MAJOR-TWIN..	40H2282	7	62	7	17	47	462	.00	17	45
1580259	ARLINDA DON.....	40H2500	12	30	16	24	53	797	-.20	-1	45
1597501	COOL-LAWN PERFORMER PROGRESSOR	40H2567	3	32	***	95	33	499	-.02	15	45
1522265	RINCON FURY RELAX.....	40H2240	9	67	6	12	47	431	.00	16	42
1558661	MIDROCK KING OSCAR.....	40H2333	11	31	11	0	55	461	-.09	4	31
1586721	SLEEPY-HOLLOW ASTRO KING.....	40H2494	7	35	4	15	50	423	-.08	4	29
1596999	CRESCENTMEAD HERITAGE.....	40H2146	27	34	18	67	58	421	-.08	3	27
1599072	C ROMANDALE JASPER-RED.....	40H8003	68	160	11	30	87	673	-.26	-14	24
1518086	GLENAFTON CHARL.....	40H2043	522	857	9	43	97	440	-.14	-5	20
1466747	VALENTINE EL MINUTEMAN.....	40H2037	2444	6335	9	8	99	219	-.01	6	19
1582148	KNOB-VIEW IVAN FORTY-NINER.....	40H2111	62	91	10	44	80	240	-.06	0	14
GENETICS - CARNATION											
1600222	STRICKLER BOOTMAKER BLAZE-TWIN	11H0167	5	19	***	53	37	1381	-.10	35	117
1602921	HUNTERDON SPECIAL EDITION-TWIN	11H0170	12	24	***	21	48	550	.01	22	55
1606571	FULTONWAY RAVANHOE.....	11H0168	14	58	***	69	59	355	.12	30	53
1590759	SLEEPY-HOLLOW APOLLO KING-TWIN	11H0101	17	26	0	18	56	1233	-.10	29	102
1591773	RUANN ASTRO MINER.....	24H0828	9	27	0	8	48	1113	-.04	34	100
1571012	U-OF-MD COLUMBUS.....	24H0652	19	58	5	15	71	878	.07	42	95
1517422	LAZY-L SKYLINER WALLIE.....	20H0220	127	370	7	21	92	899	-.04	27	81
1559080	LAVACRES MAPLE.....	24H0626	12	40	9	0	57	963	-.07	24	81
1536957	CARNATION FIRST MILLION.....	11H0084	292	522	11	5	96	794	.01	30	73
1557735	ARLINDA CHIEF MARINE.....	11H0166	4	23	0	19	30	831	-.05	25	73
1595067	BAR-REL STAR PERFORMER.....	24H0692	13	23	6	27	52	1014	-.12	18	73
1499581	FRANLANE BLACK KNIGHT.....	11H0105	611	2013	10	30	98	850	-.03	26	77
1595852	CAERNARVON DUTSHEE.....	11H0161	7	30	0	21	42	842	-.02	27	77
1545745	QUARTE-ACRES KNIGHT PRINCE.....	11H0150	10	104	3	21	61	889	-.07	22	75
1565870	KANZABROOK MATT CARLO.....	11H0163	3	22	10	52	36	1060	-.12	20	74
1598286	WILCOXVIEW KINGPIN JOEY.....	11H1005	14	41	0	41	57	904	-.09	20	73
1599905	PAULO-BRO KNIGHTBOOTS.....	11H1029	13	44	14	43	49	829	-.05	23	72
1602681	SINKING-SPRINGS PER STERLING..	24H0550	7	20	0	21	43	857	-.07	21	72
1581130	LA-RARE MILLIONAIRE.....	11H0165	10	40	5	43	54	1081	-.21	8	71
1587798	LA-HONDA STARMAKER.....	24H0826	52	108	8	22	83	957	-.18	7	63
1594801	STERK ASTRO BLEND-TWIN.....	23H180	32	98	13	22	76	675	-.02	22	62
1583490	IONCREEK ARLINDA.....	11H0164	1	21	**	67	21	769	-.05	21	60
1534780	SHADY-PARK ALICIA KINGPIN.....	24H0602	14	38	16	0	64	577	.01	22	57
1585846	GREEN-PASTURES STANDOUT IO-AL	11H0112	55	79	22	17	73	938	-.24	-2	52
1590592	OAK-HILLRANCH BOOTS.....	23H178	38	111	9	20	80	733	-.12	9	52
1433675	BLUEGILL PONTIAC SUPREME.....	11H0087	832	1789	9	11	99	403	.08	26	51
1483713	PACLAMAR TRIUNE NEEDLE-TWIN...	11H0103	845	1837	10	36	99	530	-.04	14	45
1515207	RUANN KNIGHT LUCKY.....	11H0159	431	1327	9	39	98	533	-.04	13	45
1534087	WELLER-FARM SAM ASTRONAUT.....	11H0160	16	27	11	0	56	702	-.15	3	44
1601827	POLYTECHNIC KNIGHT CROWN.....	23H0184	20	64	4	54	65	599	-.10	7	42
1616999	PACLAMAR MILESTONE.....	11H0137	167	298	11	71	92	268	.10	24	41
1448475	MAYIOR ROYAL DESIGN.....	24H0221	510	1531	11	52	98	656	-.15	2	40
1494593	CLINTON CAMP DAUNTLESS TIDY...	11H0143	25	92	3	33	72	257	.10	24	40
1608084	THONYMA ARISTOCRAT.....	11H0124	19	24	***	61	50	453	-.03	12	33
1597836	WESTPORT ASTRONAUT STAR.....	11H1001	27	52	5	13	69	412	-.02	12	37
1580060	NUNESDALE DIVIDEND SAILOR-TWIN	24H0668	13	19	11	0	52	627	-.16	-1	35
1488900	BETTERWAY REAR ADMIRAL.....	24H0535	160	440	2	84	93	420	-.04	9	34
1546168	RUANN PERFORMER IVAN.....	24H0824	13	31	4	11	55	471	-.08	6	34
1594103	LAVACRES HOO DOO.....	24H0664	11	22	13	0	50	511	-.10	4	34
1547629	G WERRCROFT APOLLO.....	11H0154	17	41	10	6	61	126	-.13	23	32
1602925	CURTMAID APOLLO ADMIRAL.....	11H0155	3	47	7	10	32	450	-.08	5	31
1612673	ALTURA STAR TREK.....	11H0134	11	14	***	64	37	278	.03	14	31
1526881	EL-KATRINA BELL ROSS.....	24H0224	91	465	9	47	89	520	-.13	0	30
1575620	J-L-KINGLEA KING DANIEL.....	24H0656	15	42	14	10	63	290	.01	12	30
1546588	HILLTOPPER REFLECTION RUFUS...	11H0151	13	46	9	6	57	499	-.12	0	29
1574671	RUANN CITATION.....	24H0822	15	49	11	12	62	528	-.14	-1	29
1591099	CARNATION STARJUSTI.....	11H0120	25	64	13	67	66	456	-.09	3	29
1555357	BO-NO ASTRO DONA VAULT.....	24H0640	15	39	0	14	60	420	-.08	4	29
1625766	HANOVER-HILL MILKMAN.....	11H1077	9	13	***	69	37	324	-.02	9	29
1561864	KANAWAKA LUCKY CAPT JOE.....	11H0162	27	32	13	7	61	441	-.10	1	25
1565809	STRAIGHT-PINE LARRY'S DELIGHT..	11H0162	5	14	0	0	34	309	-.06	3	21
1550906	MAUR-LIND SULTAN APOLLO EIGHT.	11H0157	6	42	6	5	48	277	-.04	4	20
1608776	SLEEPY-HOLLOW KNIGHT.....	11H0136	34	46	10	63	65	204	-.01	6	19
1428731	WILLARDS MONARK.....	11H0107	125	259	12	36	90	359	-.11	-3	17
1586165	RUANN ASTRO KNIGHT.....	24H0825	13	48	16	0	60	480	-.19	-10	17
1598041	METCALFS ASTERDIO.....	11H0135	81	120	0	72	82	222	.07	9	8
1597921	SUNNYSIDE NOBLE STANDOUT.....	11H0093	112	187	13	8	91	305	-.15	-10	7

REGISTRATION NUMBER	NAME	STUD CODE	NO. HE2DS	NO. DAUS.	PCT CULL	PCT RIP	PCT RPT	PREDICTED MILK	DIFFERENCE PCT	FAT	7% \$\$\$
HOLSTEIN -CONTINUED-											
GENETICS - CARNATION -CONTINUED-											
1426616	PACLAMAR CAPSULE.....	11H0077	2737	7938	11	18	99	90	-.04	-3	2
1525356	DELFIELD BURKGOV KIT.....	11H0146	59	126	5	62	82	17	-.07	-9	-9
1619564	C CONDON ROYAL DESIGN.....	11H0130	7	10	***	70	29	-105	-.01	-5	-11
1478738	LAVACRES BURKGOV BUICE.....	24H0219	253	1525	15	29	97	268	-.25	-26	-12
1521141	PACLAMAR NET PROFIT.....	11H0139	118	223	3	63	89	-306	-.11	-27	-47
A B S											
1595820	DELATI ALSTAR GERRI MARTIN....	23H2434	28	39	0	10	70	1817	-.07	55	163
1621350	GREEN-PASTURES R WHITESTAR.....	29H2671	22	25	***	81	53	1407	-.07	40	124
1586655	E-Z-ACRES SENSATION SEARS D....	29H2573	29	35	6	3	66	1486	-.08	39	123
1564147	SEVENS GRAND SUPREME.....	23H2465	33	40	6	6	71	1693	-.26	20	119
1555814	DOS-PALMOS COMET.....	29H2980	15	38	4	21	55	1396	-.13	30	112
1595942	SUNNYSIDE ENGRAVER ASTRO-TWIN.....	29H2614	25	32	19	37	59	1428	-.17	25	109
1593263	DIAMOND-GROVE CHIP.....	29H3200	10	24	18	36	45	1417	-.17	25	108
1564328	POVERTY-HOLLOW BURKGOV DEMAND.....	29H2510	61	83	6	16	82	1591	-.28	14	107
1591335	MOWRY-C CHIEF LINDY.....	29H2592	14	18	20	31	47	1375	-.15	26	107
1461576	FINEVIEW K B O P TONY.....	29H1890	1175	2583	11	6	99	1051	.03	43	105
1615950	WILCOXVIEW WHITE STAR-TWIN....	29H2680	16	21	***	95	47	1098	-.01	39	105
1450228	PACLAMAR BOOTMAKER.....	29H1891	5380	18328	6	10	99	1200	-.08	32	103
1467915	OLYMPIC SEIGS ERIC-TWIN.....	23H1915	340	1892	9	18	99	962	.04	41	99
1541533	ILLINI FOND BILLY.....	29H2399	46	53	13	7	79	1077	-.03	34	98
1575285	MOWRY-K IMPERIAL KNIGHT.....	29H2501	27	35	9	0	68	879	.07	43	97
1599964	SLEEPY-HOLLOW KENNEDY.....	29H2628	25	31	***	60	58	1244	-.14	23	95
1564649	TIHO KIT BUILDER.....	29H1959	13	64	5	8	59	1195	-.13	24	94
1594937	BAMA SPRINGBANK DUKE.....	29H3210	8	35	0	42	44	1099	-.08	28	93
1454407	BUSY ACRES ROBURKE SEARS.....	29H1892	794	1435	12	12	99	1095	-.10	25	90
1584687	MARINDALE SKY CHIEF.....	29H3090	10	27	9	4	48	1022	-.05	29	98
1454720	FULTONWAY IVANHOE BELSHAZZAR..	29H1885	1765	4547	11	10	99	929	-.01	33	89
1589857	MUSKER SEAMAN THADDEUS.....	29H3140	2	43	9	12	35	1067	-.10	23	85
1518703	MAREVA PILOT BELMONT KAT.....	29H1948	45	59	17	38	76	1018	-.08	25	85
1577799	COLLINS-CREST SUNSHINE CHIEF.....	29H2477	35	44	16	0	72	736	.08	38	83
1613272	TROUT-SPRING ASTROBOOTS ALEX.....	29H2672	22	31	***	94	57	895	-.02	29	83
1587904	FORKBESACRES SEAMAN PAUL.....	29H2581	15	16	0	0	47	1009	-.10	22	82
1608374	E-Z-ACRES ASTRO ROCKET.....	29H2668	24	29	***	96	56	788	.04	34	82
1615549	USP FIDE MAPLE BEN-TWIN.....	29H2665	21	24	***	79	51	806	.02	33	82
1613363	OUR-OWN PERFORMER.....	29H2683	16	20	***	90	46	995	-.09	22	81
1563679	UK FOND MATT ART.....	29H2417	33	41	16	0	72	779	.02	32	79
1603894	WHITTIER-FARMS HARVEST.....	29H2650	24	29	0	66	56	1055	-.14	17	79
1608372	E-Z-ACRES STANJOUT STAR.....	29H2669	11	13	***	100	36	982	-.10	21	79
1531866	PACLAMAR COMBINATION.....	29H1960	613	1122	7	22	98	1037	-.14	17	79
1532749	DORLOY DELILAH DUKE.....	29H1964	37	43	6	12	75	917	-.06	24	78
1562242	E-Z-ACRES POLYKNIGHT.....	29H2456	32	43	6	0	73	998	-.11	19	78
1570322	ARLINDA FOND MASTER.....	29H3225	5	37	5	27	43	689	-.05	33	75
1580859	LAWCREST KNIGHT ALLIANCE.....	29H2559	27	41	10	21	66	886	.07	22	75
1611805	U-NEVADA ASTRO MILO MILDDALE.....	29H2656	23	25	***	79	52	909	-.03	25	73
1593848	MILL-POND PREMS SUPER CHARGE.....	29H2612	17	22	0	21	52	634	.07	33	72
1599189	ROSTRAVER FARMS MISTER-RED.....	29H2822	2	13	0	32	26	994	-.15	14	72
1593395	PACLAMAR ASTRO TOP COMMAND.....	29H2598	27	41	11	5	67	676	.04	30	71
1579387	CHROME-VIEW JUPITER.....	29H2546	16	19	0	0	54	944	-.13	15	70
1611956	PACLAMAR IMPERIAL KNIGHT.....	29H2691	17	20	***	95	46	950	-.14	14	70
1564639	LIME-HOLLOW FAMOUS NEG.....	29H2470	25	27	9	0	65	647	.03	28	67
1586012	MILLSHOLM VICTOR.....	29H2570	25	34	0	3	64	951	-.16	11	67
1602047	PAPPYS TIDY SILVER.....	29H2636	21	25	8	48	53	912	-.15	11	64
1562240	E-Z-ACRES BURKGOV B ACCLAIM.....	29H2450	26	31	12	0	66	832	-.12	12	61
1589401	MILL-LANE PERFORMER PETE-TWIN.....	29H2554	35	41	11	0	71	736	-.07	17	61
1563414	SUNTOP RAG APPLE GRANDIER.....	29H2463	27	32	11	0	68	783	-.10	14	60
1605338	DIAMOND-S SUNNY KILROY.....	29H3215	2	34	0	38	27	806	-.13	10	57
1609661	DAN-VER CAROL DORY.....	29H3275	9	23	5	18	42	696	-.06	16	57
1524382	OREGON-TRAIL RAG APPLE JIM.....	29H1966	30	40	3	9	71	725	-.09	13	56
1548625	E-Z-ACRES BURKGOV B BRAVE.....	29H2411	21	26	15	0	62	844	-.16	7	55
1585857	MILLSHOLM REGAL.....	29H2562	24	23	9	0	61	851	-.16	7	55
1574645	PENOPE PREMIER.....	29H2498	30	33	3	0	71	861	-.18	5	55
1586685	ARLINDA BOOTS.....	29H2596	25	34	7	9	63	804	-.14	8	55
1573942	SPY-ROCK NAPOLEON.....	29H2515	34	46	18	0	72	883	-.20	2	53
1557246	SKAGVALE FRASEA ROCKET.....	29H1958	9	20	6	6	47	355	-.19	3	52
1549450	CAYUGA-INLET KENNEDY WIN.....	29H3280	13	33	***	70	52	831	-.18	3	51
1611107	MOWRY-C PRINCE VALIANT.....	29H2685	15	19	***	89	45	710	-.11	9	50
1608301	C SPRING FARM STARFIRE.....	29H3220	10	15	0	13	39	454	.02	20	43
1477381	UTAG IVANHOE ULTIMATE.....	29H1904	2403	6047	12	20	99	451	.02	19	45
1589706	TRI-TOWN WIS APOLLO.....	29H2576	31	44	6	6	63	720	-.15	4	45
1508339	NOR-LENE ALSTAR PILOT.....	29H1928	2159	5391	15	31	99	49	.24	36	41
1595879	SILVER-POPLAR MAPLE PAUL.....	29H2602	21	25	6	23	54	692	-.16	1	41
1537886	MOWRY-C CITATION ROCKET.....	29H1953	46	91	12	39	73	287	.06	19	37
1572656	LUDVUE FOND TOM.....	29H2502	30	36	7	3	70	627	-.15	1	37
1586867	MARVEL LAWCREST PERFORMER-TWIN.....	29H2584	24	25	5	4	57	653	-.17	-1	37
1600255	G-J MODELMAKER.....	29H2641	172	251	7	65	91	420	-.06	6	31
1563649	HANOVER-HILL LUCKY SHAMROCK....	29H2475	433	755	11	26	97	291	.01	12	30
1508952	STERK PRIDE.....	29H1946	86	211	2	45	86	466	-.13	-2	25
1487148	KNOB LICK ELEVATION BOB.....	29H1932	945	1997	8	64	99	612	-.24	-13	21
1564322	BURKET-FALLS A B C.....	29H1997	7	35	7	3	45	214	-.01	6	19
1611465	GILTEX PAGESETTER.....	29H2658	13	21	***	57	48	286	-.15	-11	4