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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
February 1974
6 pages

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Cooperative Extension Service Michigan State University

Extension Bulletin E-666 Farm Science Series February 1974

A.I. SIRE SUMMARY

By Ivan L. Mao & Clinton E. Meadows, Extension Dairy Specialists

This report contains the latest USDA sire information for 264 sires which were available to Michigan dairymen through the four stud barns as of January 1974. Each sire had 10 or more daughters reported to USDA with production information. The 264 sires in this report have an average predicted difference +543 milk, +16 fat, +35 dollar value.

Table 1. Aver	age Predicte	d Difference	for Dolla	r Value by B	reed and Stud
		Bre	ed		
Stud	Ayrshire	Guernsey	<u>Jersey</u>	B. Swiss	<u>Holstein</u>
ABS	\$24	\$40	\$34	\$57	\$42
CURTISS	\$10	\$ 8	\$28	\$ 2	\$27
GENETICS	\$40	\$20	\$32	\$12	\$41
MABC	\$59	\$30	\$23	\$54	\$38
BREED AVG.	\$36	\$28	\$29	\$35	\$37
NO. OF BULLS	11	23	26	14	190

Sires are ranked by the superiority of their daughters to herdmates as expressed by the Predicted Difference value for income. This combines economic aspects for both milk and fat. It is the best estimate of the inheritance each sire passes on to his daughters and reflects their ability to produce under the wide range of conditions found in A.I. herds. Those Holstein sires with shaded numbers and names should not be used unless in special situations.

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 days.

*<u>PCT. RPT</u>. (percent repeatability) is an index value which expresses the completeness of information on each sire. It also indicates the reliability of these present and past daughters in predicting future daughters' production.

*<u>PREDICTED</u> <u>DIFFERENCE</u> is a measure of a sire's ability to transmit production potential. Predicted Difference indicates the amount of <u>MILK</u>, <u>PCT</u> (% test), <u>FAT</u>, and <u>\$</u>\$\$ (dollar value) that future daughters of a sire are expected to differ from their herdmates, under A.I. conditions. Prices used were \$7.00 per cwt. for 3.5% milk with an 8.4 cent fat differential. The dollar value is the gross value of product that future daughters should return per lactation over herdmates.

REGISTRA NUMBER	TION NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT PCT INC. RP		AND ADDRESS OF THE OWNER.	CTED D		ENCE \$\$\$
		AY	RSHIRE							
MABC-	SELECT SIRES									
124927 128289 129110 130174	RIVER RUN LEAGUE LEADER MAR-RAL HI KICK MAR-RAL DOMMANDERS PRIDE MAR-RAL FICKLES BOY	A7 41 A73 9A79	25 9 111 37	45 29 252 61	12 69 9 44 19 93 12 7	10)70 949 137. 554	04 01 18 07	36 35 17 16	74 68 56 40
CURTISS			•							
122242 125224 125032	MEREDITH HARRY OAK RIDGE FLASHY CLASSIC UAK RIDGE ORMSBY	432A 431A 433A	85 151 11	190 397 51	12 87 16 97 15 54	. 1	•30 125 -44	.00 04 05	17 0 -8	32 5 -8
GENETICS	- CARNATION									
128289 123936	MAR RAL HI KICK Dak Ridge Royal Count	5A0041 11A405	9 86	29 241	9 44 11 9		949 291	01 05	35 6	68 13
ABS										
129905 119554	MAR-RAL BRUIS COMMANDER THE COUNT OF TOLL GATE	2947612 2947608	7 274	35 874	7 3 15 9		572 206	03	19 1	39 9
		GU	ERNSEY							
	SELECT SIRES				10.0		24.5	0.7		68
570735 569288 571506 573308 567336	WELCOME FLASHS HOLLIREX EBER LEA FARMS WINSTON HILDIEMAID FLASHS FAME B HOMEWOOD PROUD BILLY SANDE HILL DOUBLE EMORY	2130 2957 2119 2529 2126	76 36 38 13 11	145 63 74 22 33	10 8 8 7 21 7 15 5 8 4		816 502 546 393 522	.03 01 06 .04 09	22 19 22 14	39 38 34 33
553667 557482 561468 568965 574319	LYRENE MAY ROSE PRINCE APPLEBRODK FAMES CORPORAL ANSMIL CHAMPION CHUM LYRENE PRINCE DUKE HILDIEMAID FLASHS HONOR B	4 G 5 2 5 2 9 5 3 2 6 2 2 4 G 5 2 7 2 1 2 1	668 175 91 22 15	3347 600 248 55 26	13 9 14 9 16 9 12 5 13 5		300 366 595 70 79	.07 11 34 .09 .03	21 5 -10 12 7	30 19 16 13 9
CURTISS										
578121 574026 562021 556765	TANNERY HILL FLORETS COMMAND Lyrene fargo Norgerts nance forward Rosewood nonas Ambassador	1002G 1866	2 5 382 317	28 19 1170 949	25 3	7	425 167 -14 -15	02 03 .06 16	5 5	32 11 4 -15
GENETICS	- CARNATION									
	CLEVERLANDS ZENITH Poly flash index	11G215 24G128		20	5 2 4 6	110,000,000,000	414 90	08 .10		26 14
ABS										
572153 552896 575666 573658 572113	VILLA CREST P LEADER CLEVERLANDS GENERAL ELDORADO CLOVELLY TOP HURNET WOODACRES SULTAN EAY MEADDW SUNNYS DAFIMOST	2960786 2960773 2960781 2966795 2960795	3 255 16 11 2	31 1004 22 17 61	0 2 14 9 32 5 13 4 12 2	+ 0 3	058 905 964 448 318	. J6 U3 16 06 .01	55 38 26 14 16	89 69 61 30 26
558947 559484	HOUSLEYS J CHAMPION Grayce farms foremosts jester	2960779 2960785	524 40	2033 90	18 9 20 6		-34 72	• 07 - • 07	6 -4	4 0

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REGISTR	NOITA	STUD	NO.	NO.	PCT	PCT	PRED	ICTED DIFFE	RENCE
NUMBER	NAME	CODE	HERDS	DAUS.	INC.		MILK	and the second	
		JE	RSEY						
мавс	- SELECT SIRES								
596832 612243 610757 611385 602283	OBSERVER CHOCOLATE SULUIER FAVORITE BANNER UK NORM JESTER BRAVO MAJESTIC VICTORY PHIL FAVORITE SECRET TRIUMPH	J 34 4J660 4063 4095 J076	41 9 14 3 95	76 13 18 41 197	16 31 13 41 11	74 35 48 30 89	699 440 376 373 468	19 15 .01 23 02 17 .00 18 17 6	41 37 30 30 24
599997 607971 603346 595265 608592	TENN TORONO G D O LAD UK CONFIDENT KELVIN JESTER INFRED SCOTTY PIXYS KELLY STARDUST SURVILLES TEMPEST	18J33 4945 4940 1J113 4065	20 16 18 64 36	93 26 45 228 69	11 16 15 8 9	64 57 68 74 73	276 237 210 272 111	01 13 .00 12 .03 10 14 0 09 -3	22 20 17 11 2
CURTISS									
606982 606736 593816 608927	H L POMPLY FREDERICK FAIR-WEATHER SUPERD LAD FAVORITE FORESTER FAIR-WEATHER JUGGLER	569J 569J 556J 561J	3 5 246 39	25 23 815 85	8 4 15 14	32 39 95 75	373 456 388 268	.03 21 07 16 04 15 07 7	33 32 28 17
GENETICS	- CARNATION								
593883 605836 606741 584321 595641	S.S. QUIDKSILVER OF FALLNEVA L.C. MASTER PRINCE Philnade surville rocket Brigham Maiden Lad Orville Patience bas Milkman	24H73 11J314 24J343 24H72 11J311	114 8 5 46 12	836 43 28 476 50	11 18 J 11 17	87 45 45 57	605 838 454 295 -57	.17 47 16 25 14 9 37 8 .31 -2	64 55 26 19 -4
ABS									
602658 609485 609322 600816 608877	MILESTONES GENERATOR ADVANCER SLEEPING MILESTONE TRISTRAM PREACHER JOYCE SJPREME PILOT PIXYS EAGLE MAGIC	29J2732 29J2755 29J2744 29J2731 29J2760	153 4 6 21 3	503 24 18 59 15	10 26 6 16	85 29 39 61 25	1139 648 616 403 458	36 19 07 25 09 22 04 16 14 9	62 47 43 30 26
604905 608657	VICTORY PRICELESS VIEW U.N.H. DIAMOND OMAR	29J2735 29J2751	2 9	25 34	9	28 38	241 337	J1 11 17 0	19 14
		38	OWN SWIS	S					
мавс	- SELECT SIRES								
146947	WHITE CLJUD DOREENS DELEGATE SHARON FARMS TAMARINUS CEDRIC ACTIVE AJRES ACTOR Q. T. VENTURES SUNNY BRUZE HARRIS HILL MARY VICTOR	95056 1632 12508 1622 1624	51 2 41 31 7	99 20 72 66 11	8 0 13 22 9	82 32 79 73 33	1230 783 732 470 403	04 43 .04 36 08 19 .10 32 .00 16	86 62 46 46 30
CURTISS									
145427 144488	VERNONS ELBERTO Kancho rustic my design	33985 34185	2 2 2	12 75	10 19	23 70	73 -77	.02 5 .02 0	7 -3
GENETICS	- CARNATION								
152198 135099 137395 136709	SUGAR VALLEY TITAN WELCOME IN CHATHAM WELCOME IN JUDGE HYCREST ROYAL JESTER	118514 2488 118509 118506	9 30 47 264	16 236 178 861	7 10 13 15	39 49 83 96	383 294 22 127	.J2 18 04 6 .03 5 13 -12	31 17 5 -5
ABS									
147144 139273 146046	ROSELAWN TOPSYS TOPPER Rolling Meadows Alarig Breezy Hill Virginian	29336 54 2983649 2983653	1 96 3	20 275 23	û 13 6	26 88 30	1044 856 608	02 39 11 19 .Jū 24	75 51 45

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REGISTR NUMBER	ATION NAME	STUD CODE	NO. HERDS	NO. DAUS.	PCT INC.	PCT RPT	PRED	ICTED DIFFE	RENCE \$\$\$
		но	DLSTEIN						
MABC	- SELECT SIRES								
1499133	ALED PE3 PAT	H347	61	71	8	81	1667	13 38	100
1466179	TIDY BURKE TRANSMITTER	9H116	21	60	6	65	1425	35 44	95
1520161	NICOLK SJNSHINE BOLO CHIEF	H406	82	102	10	84	865	.24 68	92
1491007	Round OA(RAG APFLE ELEVATION	19H058	296	754	10	97	1234	.01 46	89
1491980	FLORENDEL IVANHOE LOREN-TWIN	3924	24	31	15	65	814	.11 46	72
1515118	ST CROIX30 VEEDICTICN RON	3676	39	57	15	72	1257	13 24	71
1450692	LIME HOLLOW BURKGOV ROBURKE	3919	361	678	11	96	926	.02 37	69
1516004	WOODBINE PEARL COMET	3285	19	48	14	60	1059	06 28	67
1470512	PAULINA TOP SPOT	+H311	53	84	7	82	1040	07 27	65
1524956	MD-GAYWINDS MERRY KING	9H96	89	156	5	87	1075	09 25	65
1524597	LONG-HAVEN SEVENS WINTERS	+H334	+3	49	12	71	859	.01 32	62
1399654	LONG HAVEN FAYNE KING WINTER	4H314	297	583	17	96	594	.14 42	59
1489802	BER-CRE-FARM FLYING CLOUD	+H320	21	27	17	62	859	03 26	57
1492486	ROBTHOM MONARCH VOYAGEUR	H3055	122	262	16	92	1204	23 7	55
1536047	KNOB-LICK GO	3127	27	38	11	62	858	05 23	54
1537060 1500609 1537983 1506745 1525496	SIMPSONS APOSTLE Shadyvale pearl pride Paclamar prestige E-Z-Acres orlo skydean Hardy starward Ivanhoe Willy	H440 4H327 4H344 3403 3254	42 64 40 6	45 128 58 19 14	12 13 16 6	70 83 71 45 22	719 900 608 774 798	.03 30 10 17 .05 29 06 19 08 16	54 51 49 47 46
1447141 1386859 1487787 1505857 1392858	KINGSTEAD IVANHOE Clanyard Rag apple TRI-VIC Lewvina SIR Lancelot Country Benedict Hartog Falcon NO-NA-ML FOND MATT	9H92 3645 4H321 12H345 3091	1419 545 15 14 1299	3910 1053 21 14 4627	10 11 11 7 10	99 98 53 43 99	414 564 412 628 +37	.13 34 .03 25 .12 33 01 21 .06 25	45 44 43 39
1490217	E-Z ACRES DAGAN J SEARS	3430	1	19	ί	25	474	.02 20	36
1549021	HOLTEX RECORD ATLAS	3131	52	62	6	75	673	10 9	35
1485550	BRAD LEA CITATION MONARCH	3669	269	484	11	96	786	16 3	34
1504380	KNOB-VIEW SOVEREIGN SNOWMAN	4H331	19	25	5	58	504	04 12	31
1502023	PACLAMAR TRIUNE COSMO	3415	2	32	0	27	434	.00 15	30
1538938 1399628 1491981 1512382 1463169	C WENRON TELSTAR TIM MALHOWDON VERNON M VENUS FLORENDEL IVANHOE LEO-TWIN WILLOWLYN W B ERN LIME HOLLOW BURKGOV TRIUMPH	3432 4H343 3670 3427 4H305	98 77 2 112	32 185 130 22 155	10 12 14 5 14	39 80 85 27 89	284 590 531 419 433	.07 21 11 5 08 7 03 11 04 9	29 28 27 26 25
1512553	LIME-HOLLOW STYLEMASTER DE KOL	4H335	30	45	10	58	320	.02 14	25
1524955	MD-GAYWINDS WHIRLPIN	3124	75	102	15	82	163	.11 22	25
1393031	KILINSDALE IVANHOE JACK	15H114	1116	3471	9	99	664	19 -5	23
1527802	ROUND-OAK RAG APPLE ELATION	4H341	68	85	12	80	285	.02 13	22
1445915	SKOKIE DJKE MEDALIST	35H081	114	230	15	91	543	14 -1	21
1553779	LONG-HAVEN RUMPUS-TWIN	4H350	9	10	11	33	332	03 8	20
1427708	LAGLE POINT DESIGNS BONUS-TWIN	15H121	848	2252	12	99	350	08 0	14
1454671	Rocby Ivanhoe dina charm	19H63	775	1795	12	98	329	09 -1	13
1367353	Thonyma Royal Prince	1H112	638	1614	11	98	84	.06 12	13
1540819	Kanza Mait Tony	3129	55	67	12	76	14	.10 15	13
1477121	U-T CONQUEROR FOBES	18H39	18	34	14	64	337	09 -2	12
1483287	RICH-HERJ TEXAL TRAILMASTER	12H3J1	63	104	14	83	280	07 0	11
1552360	UK SUPREME	3132	32	45	13	67	235	06 J	10
1540036	ELEVATION VICTORY EDSON	9H1DJ	83	115	12	84	451	19 -12	8
1458728	ECRASO WORTHY MASTER	3107	193	313	13	93	391	16 -10	7
1521261	SHADYVALE SIR COMET	4H34J	34	44	18	67	51	.03 6	7
1426451	Skokie milkyway	4H29J	308	630	17	96	354	17 -13	3
1495127	Locust piak burke model	3925	33	51	13	73	416	22 -18	2
1513191	Dorloy djke champion	3121	62	104	17	84	125	13 -15	-8
CURTISS									
1427381	PAWNEE FARM ARLINDA CHIEF	2025	2143	5163	10	99	1715	.08 75	133
1444394	DAN-VER ADMIRAL JAY	2075	10	30	4	47	1115	02 37	76
1458744	PACLAMAR ASTRONAUT	96	3129	7734	10	99	999	03 32	67
1533777	HAYSSEN CRAFTSMAN	2182	5	20	15	37	949	01 32	65
1534171	TOMCREEK MARQUIS CHALLENGER	2212	5	14	21	29	879	.02 34	64
1477754	ARLINDA ^I CHIEF ARISTOCRAT	2156	3	52	2	36	962	03 28	6)
1460725	EL PAJARO BENBURKE	2125	3	103	2	36	891	03 27	59
1506714	ARLINDA JEWEL DYNAMO-TWIN	2205	5	24	6	45	669	.07 33	52
1489981	PENSTATE STAR DUST	2029	407	780	14	97	353	.22 45	52
1519107	HAVEN-LANE CRISS TONY	2175	1	23	14	24	683	.00 24	48
1560362	C ROMANDALE SHALIMAR MAGNET	2080	15	17	G	45	683	02 22	46

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REGISTRAT	ION	STUD	NO.	NO.	PCT	PCT	PREDI	CTED DIFFERE	NCE
NUMBER	NAME	CODE	HERUS	DAUS.	INC.	RPT		PCT FAT	SSS
		но	LSTEIN	-CONT	INUED -				
CURTISS -C	ONTINUED-								
1518939 1522330	GLENAFTON CHARM DAN-VER CAROL SENATOR SEMOG DOJBLE BENEFACTOR CHIEF CONNERHILL IVANHOE LEADER WILLOMONTE EL DEEMAND	2043 2154 2177 2093 2166	109 9 6 13 5	163 52 27 45 33	12 4 19 10	87 52 45 52 39	823 742 763 385 742	10 14 06 18 04 19 .13 33 08 14	45 45 45 43 42
	DAN-VER KING KURT	2194	5	12	0	28	571	.00 21	41
	PACLAMAR CRITERION	2157	14	47	9	55	550	.00 20	39
	TARA-HILLS MAJESTIC	2150	3	27	7	27	600	04 15	37
	ROYALANE REFLECTION SHAMROCK	2237	2	19	0	32	569	05 13	32
	WESTMORELAND BRIGADIER	2071	62	99	15	81	661	13 4	30
1539414	OATS-FARM ALLIANCE	2193	5	20	11	31	575	09 7	29
	EL-PAJARD PIONEER THOR	2238	2	10	0	24	660	13 4	28
	MOON-GLO# FURY TIDY	2181	3	42	2	36	416	01 13	28
	VALENTINE EL MINUTEMAN	2037	651	1173	12	97	340	01 11	23
	FROGMORE PONTIAC POLARIS	2109	10	45	3	54	442	07 5	22
1535262 1435690	WITESTAR DOUBLE DEAN TIHO GOLDEN EAGLE DEE ANN SILVER TIM MOOSEHEART SELECT ST CROIXCO GALE	2256 2078 2024 99 2092	4 5 978 176 11	15 15 1738 254 27	7 7 10 14 4	28 34 99 92 51	313 175 -55 525 381	03 7 .04 12 .16 22 18 -8 10 -1	18 17 16 15 15
1283917	TIDY BURKE FORTY-NINER	33	4277	10916	12	99	479	16 -7	14
1428649	WINFARM RAG APPLE MAGIC	2054	316	635	11	94	421	13 -5	13
1504898	ESPLIN DEW VALE BURKGOV	12H306	18	24	5	56	262	06 1	11
1508246	ZION-MEADOWS ADMIRAL	2253	4	23	9	30	259	07 -1	9
1537984	PACLAMAR FURY	2059	68	93	11	81	19	.06 10	9
1512700 1549100 1461984 1516215 1454778	DIAMOND-S MAGIC KNIGHT UNH ADMIRAL ADMIRAL IMPERIAL CHIEF RAVENGLEN REFLECTION ADONIS BESSIE & F SKYWAY BILL	3303 2070 2066 2031 2110	7 108 274 410 9	38 163 399 685 31	ú 18 13 16 17	42 83 95 97 47	277 216 158 220 51	$\begin{array}{rrrr} - & 09 & -4 \\ - & 10 & -7 \\ - & 07 & -4 \\ - & 13 & -11 \\ - & 03 & -2 \end{array}$	8 3 0 0
1454800	UNH PRESIDENT KING	2040	754	1382	15	98	-16	00 -1	-1
1517948	PAWNEE-FARM MILKMAN	2044	95	124	13	85	273	19 -19	-5
1483446	GRAY VIEW SKYBOOTS	2038	524	875	13	98	41	06 -8	-5
1432457	VER-LOU GOLDEN CONSTELLATION	2052	305	577	15	95	-12	04 -6	-6
1529788	KING OF THE ABCS	2055	133	263	17	90	57	09 -11	-7
1467282	MERCEDES B F ECHO UNIQUE	2077	10	31	16	38	-85	04 -9	-11
1410984	PENSTATE STAR MAN	74	3754	9289	13	99	-363	.08 -2	-16
1438957	COCHRAN IVANHOE DANDY	2079	32	112	9	66	-534	.19 7	-16
GENETICS -	- CARNATION								
1499581	FRANLANE BLACK KNIGHT	11H105	13	140	4	67	1506	.02 58	110
1448475	Mayior Royal Design	24H221	2	46	7	42	1617	04 52	109
1244221	Polytechnic imperial knight	24H108	105	306	11	90	1642	01 57	93
1488500	Betterway Rear Admiral	24H535	10	30	4	52	1298	02 44	90
1521141	Paclamar Net Profit	11H139	7	31	3	41	1132	07 30	71
1483713	PACLAMAR TRIUNE NEEDLE-TWIN	11H103	15	37	12	50	964	.00 35	69
1494593	CLINTON SAMP DAUNTLESS TIDY	11H143	10	36	6	47	731	.08 39	62
1517422	LAZY-L SKYLINER WALLIE	24H220	8	21	25	44	816	06 20	50
1428731	WILLARDS MONARK	11H107	13	63	10	59	731	03 22	48
1525356	DELLFIELD BURKGOV KIT	11H146	9	36	6	50	644	.01 25	47
1537653 1478738 1467291 1426616 1488907	LEN-LYN MODEL KINGPIN MAXIM LAVACRES BURKGOV BRUCE DIAMOND J ORION ZEST PACLAMAR CAPSULE INDIANHILLS SENATOR FLAME	24H225 24H219 24H218 11H077 11H121	7 5 515 8	23 37 51 1003 51	13 0 5 13 9	39 34 49 93 41	773 698 543 676 636	08 16 04 19 .04 26 03 19 02 20	45 44 43 43
1386406	DEE ANN RAG APPLE MAPLE	11H052	1559	4999	11	99	527	.03 24	42
1492071	GOUVEIA ELMSMASTER	24H222	2	20	6	32	563	.01 22	41
1462040	EDGEWOOD HALL ELSIE OSBORNDALE	23H174	4	40	10	32	408	.07 25	38
1487095	COCHRAN SUNSHINE CHARMER	11H145	7	26	8	43	810	16 5	37
1526881	EL-KATRINA BELL ROSS	24H224	2	53	10	25	514	02 16	34
1481964	ARLINDA SUPERB GOLD	11H148	4	29	11	40	449	.01 17	33
1476170	PUGET SOUND EXPECTATION	11H097	36	53	12	73	423	.01 17	31
1483722	PACLAMAR GOLIATH	11H10J	7	29	4	39	569	11 4	26
1457932	COLLINS-SREST MAJESTY	11H099	19	65	10	68	607	14 1	25
1424716	RWJS DU VAR GENERAL	24H1360	30	97	5	72	516	10 4	24
1522954	SLEEPY-HOLLOW FURY FIRECRACKER	11H153	7	10	10	32	349	01 11	23
1347448	Verpana farm regent mark	11H055	379	679	13	97	233	.04 15	22

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REGISTRA	NAME NAME	CODE	NO. HERDS	NO. DAUS.	PCT INC.	RPT	PRED: MILK	PCT		SI I
		но	DISTEIN	-CONT.	INUED-					
ENETICS	- CARNATION -CONTINUED-									
478038 559306 433675 512912 547162	EL CANON ELATOR SHADY-LYNN STAR GURNMANS DEAN BLUEGILL PONTIAG SUPREME KETCHUM JOE ALSTAR DUNWOOD R A PRIDE	11H104 11H144 11H087 11H147 11H149	4 131 4 1	45 38 215 17 10	0 3 11 18 10	29 25 88 30 18	363 284 119 351 243	04 .01 .10 03 02	7 11 19 8 6	21 21 23 15
488495 435884 409146 459513	NUNESDALE ORIGINATOR WIS MAYERS Meloday ais leader Nunesdale Mark Performer	11H106 11H086 11H083 11H089	9 37 17 44	43 87 34 84	6 15 9	47 60 52 63	19 151 114 15	.39 .00 .02 .06	14 6 7 10	13 11 11 9
BS										
447414 450228 505219 508339 532749	WESTSIDE A B SEAMAN PACLAMAR BOOTMAKER PACLAMAR DOUBLE TRIUNE NOR-LENE ALSTAR PILOT DORLOY DELILAH DUKE	29H1879 29H1881 29H1926 29H1928 29H1964	1247 686 13 7 20	3443 1172 29 37 28	12 8 11 0 4	19 98 49 34 57	1407 1244 1323 715 1169	08 06 02 .15 08	38 36 33 48 27	89 81 69 69
487148 518703 454720 430145 495135	KNOB LICK ELEVATION BOB MAREVA PILOT BELMONT KATE FULTONWAY IVANHOE BELSHAZZAR CITATION R MAPLE UTAG IVANHOE SIZZLER	29H1932 29H1948 29H1885 29H1883 29H1924	26 27 246 427 57	31 34 391 771 80	16 17 14 12 5	67 64 93 95 81	1091 882 820 868 663	12 34 .00 .01 .12	20 26 30 30 40	61 58 58 58 58
540369 432733 477381 443161 494360	LARIGAN SEGIS SEVENS-TWIN FLEETRIDJE MONITOR UTAG IVANHOE ULTIMATE SOUTHWAY PEARL TIDY JOE HALTERMAN ROBURK MELODY MASTER	29H1967 29H1869 29H1904 29H1893 29H1935	25 704 205 88 28	29 1537 343 143 33	18 12 11 15 10	58 98 94 86 67	593 743 595 819 790	.08 01 .07 06 05	34 25 32 20 21	53 51 51 50 50
499901 525369 467915 474638 454407	SNIPSIC DEWDROP HOMESTEAD JOE VIGO RAVERION GLYMPIC SEGIS ERIC-TWIN RIDGE FARM DEWY SUPREME BUSY AGRES ROBURKE SEARS	29H1930 29H1954 29H1915 29H1940 29H1892	1 38 30 25 57	19 50 39 36 70	12 9 7 13 19	26 71 71 69 79	785 762 503 776 795	05 04 .11 05 07	20 21 34 20 18	49 49 49 48 47
531866 522350 452345 479300 410733	PACLAMAR COMBINATION FLEETRIDJE GRAND MARCH UTAG DAGAN EX ALAN SAR-BEN SKY PRINCE FOREST GREENE SEARS MARY	29H1960 29H1949 29H1886 29H1912 29H1874	66 30 171 22 331	91 37 264 34 1991	8 9 21 11	80 65 92 60 98	776 732 633 628 615	08 07 03 02 J2	16 15 19 20 19	45 42 42 42 41
461450 499772 524382 461578 480989	MILMAY RƏSNI CONQUEROR PABST LIME HOLLOW ELSIE ROBURKE DEAN OREGON-TRAIL RAŞ APPLE JIM FINEVIEW K B O P TONY ARBUR ORMSBY MARK	29H1901 29H1937 29H1966 29H1890 29H1923	26 22 21 154 32	33 29 25 222 41	8 11 4 19 19	66 63 57 91 72	672 800 659 520 477	06 13 35 .02 .05	15 9 16 22 25	46 40 40 40
491622 508952 493435 502025 521391	MEADOW HOLLOW INSIGNIA STERK PRIDE UIAMOND S KNIGHT SON PACLAMAR TRIUNE JETHPO ARTEVEL SKYLARK RAINBOW	29H1941 29H1946 29H1931 29H1933 29H1952	22 7 12 8 5	25 55 81 45 37	10 2 18 5 8	61 46 33 49	585 336 704 551 550	02 06 10 01	18 14 1J 18 18	39 38 37 37 37
523669 438533 458063 399283 451149	FLOWER CITATION CORONET Don Augor Carnation Royal Jojo Grassylane Confident Master Mowry Ivanhoe Pringe Thonyma Paclamar Amos	29H1963 29H1930 29H1899 29H1860 29H1921	3 22 26 2014 13	20 88 33 5797 32	5 6 17 15 5	25 67 64 99 58	597 618 525 592 524	06 08 33 08 05	13 10 14 9 11	35 33 32 31
426597 496121 473543 490991 466812	GETTIF LANCER PIEBE Robson Romandale Reflegt dell J-ARGO FASCINATION GRAYSLAKE INKA BOY Homo WIS BURKE MEMORY	29H1856 29H1939 29H1938 29H1952 29H1952	20 J 1 28 26 18	291 98 56 34 35	8 9 4 9 17	93 27 71 67 55	534 489 576 500 348	02 04 13 08 .00	17 12 5 6 13	30 30 28 26 25
388586 461530 481287 599020 517562	ARLINDA FORTY-NINER STAR AUBER DEAN ORMSBY SANHIL ROYAL CHAMBRIC LARRY-MODRE TRANSMIR JACK-RED AL-MUNGER BOOILEGGER	29H1857 29H1895 29H1918 29W06C1 29H1936	1639 39 13 6 7	2382 41 37 16 38	13 12 11 **	94 73 58 31 39	648 332 337 258 183	19 62 04 34 35	-5 9 6 3 -1	22 20 18 13 7
517697	POEHLS FOBES DANDY INKA	2941956	31	37	19	65	214	10	-7	3

Issued in furtherance of cooperative extension work in agriculture and home economics, acts of May 8, and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Gordon E. Guyer, Director, Cooperative Extension Service, Michigan State University, E. Lansing, Mich. 1P-10R-2-74-13MJP

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