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A.I. Sire Summary
Michigan State University
Cooperative Extension Service
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Ivan L. Mao & Clinton E. Meadows, Extension Dairy Specialists
December 1974
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Cooperative Extension Service Michigan State University

Extension Bulletin E-666 Farm Science Series December 1974

## A.I. SIRE SUMMARY

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

This report contains the latest USDA sire information for 271 sires which were available to Michigan dairymen through the four stud barns as of September 1974. Each sire had 10 or more daughters reported to USDA with production information. The 271 sires in this report have an average predicted difference +606 milk, +20 fat, +48 dollar value.

Average	Predicted I	)ifference for I	Dollar Value	by Breed and S	Stud
Stud	Ayrshire	Guernsey	Jersey	B. Swiss	Holstein
ABS	\$38	\$46	\$55	\$25	\$48
CURTISS	\$12	\$42	\$51	\$33	\$24
GENETICS	\$57	\$30 -	\$27	\$ 3	\$23
MABC	\$82	\$55	\$66	\$86	\$62
BREED AVG.	\$53	\$48	\$52	\$44	\$41
NO. OF BULLS	13	22	25	15	196

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. <u>Those Holstein sires with shaded</u> numbers and names should not be used unless in special situations.

An improved comparison procedure was used for this summary; recordsin-progress were included, new age-month factors and pedigree information were implemented, etc. The results are more accurate and should be interpreted exactly the same as before.

## 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.

\*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 <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. Prices used were \$8.20 per cwt. for 3.5% milk with an 8.0 cent fat differential. The dollar value is the gross value of product that future daughters should return per lactation over herdmates.

REGISTRAT NUMBER	TION	STUD	NO. HERDS	NO. DAUS.	PCT F INC. F		PCT RPT	PREDICIN	ED DIFFER PCT FAT	FNCE 74 \$\$\$
		AYR	SHIRE							
MABC-	SELECT SIPES									
128289 129110 124927 130174	MAR RAL <u>HI KICK</u> MAR RAL <u>COMMANDERS</u> PRIDE RIVER RUN <u>LEAGUF LEADER</u> MAR RAL FICKLES <u>BOY</u>	7441 3473 1747 9479	13 146 31 46	54 364 64 89	10 13 14 11	22 11 13 5	55 93 74 80	1202 1209 1006 849	05 42 18 27 08 30 03 24	87 78
CURTISS										
122242 125224	MEREDITH <u>HARRY</u> OAK RIDGE FLASHY <u>Classic</u>	60A432 40A431	129 204	313 543	7 11	18 11	92 95	375	05 -5	
GENETICS	- CARNATION									
128289 130952 131142 123936	MAR RAL <u>HI KTCK</u> <u>BRISKLEA LEGEND</u> Oak RIDGE <u>COMMANDERS STAR</u> Oak RIDGE <u>ROYAL COUNT</u>	4540041 1140410 1148411 1140405	13 19 57 128	54 42 146 377	10 3 8 10	22 28 23 3	55 60 82 93	1202 596 635 175	05 4 .07 3 04 2 05	5 65
ABS										
131460 129905 119554	REIDINA PREFERRED <u>COMMANDER</u> Mar Ral <u>Bruis</u> commander <u>The count</u> of toll gate	29 <b>47611</b> 29 <b>47612</b> 29 <b>4760</b> 8	53 18 342	143 64 1172	17 5 14	31 27 13	82 56 97	911 198 283	05 3 .09 1 07	
			CONCEY							
		G UI	ERNSEY							
MABC-	SELECT SIRES								04 E	0 93
570735 567336 571505 569288 557482	WELCOME FLASHS <u>HOLLIPEX</u> SANDF HILL <u>DOUBLE EMORY</u> <u>HILDIE</u> MAID FLASHS FAME B EBER LEA FARMS <u>WINSION</u> APPLEBROOK FAMES <u>CORORAL</u>	3G130 79126 2119 7G957 2953	102 129 41 42 277	199 318 82 72 964	8 12 21 7 12	16 57 6 5	90 91 79 79 97	981 1172 727 541 715	25 2 07 2 03 2	9 85 7 61 7 56 1 55
577980 573308 553667 561468	KELLOGG <u>CHIEFS BILLY</u> Homewood <u>Proun</u> Billy Lyrene may rosf <u>prince</u> Ansmil <u>Champion</u> Chum	76529 76150 46525 2622	14 15 866 143	19 27 4677 389	9 12 11 12	42 4 13 13	42 59 99 94	528 357 297 658	.04 2	25 49 21 36 22 34 9 29
CURTISS										
579650 574025 578121	<u>KELLOGG</u> NANGES PRINCE Lyrene <u>Fargo</u> Tannery Hill <u>Florets</u> command	40G1003 40G1002 40G199	11 15 10	12 29 85	0 11 10	33 27 15	35 51 54	887 509 182		2 81 11 36 -2 8
GENETICS	- CAPNATION									
566944 575523	GRAIN MEADOW D FORTUNE Cleverlands <u>Zenith</u>	15G0108 11G0215	19 1	135 32	<b>3</b> 4	22 10	56 24	411 395	08	12 32 10 29
ABS										
575665 552895 572153 579704 573658	CLOVELLY <u>TOP HOPMET</u> CLEVERLANDS GENERAL <u>SLOOPADD</u> VILLA CREST <u>LEADEP</u> MCDONALDS <u>TOP MAPINE</u> WOODACRES <u>SULTAN</u>	2960781 2960773 2960786 2960783 2960795	40 319 9 16 12	67 1315 48 27 38	20 10 0 17 3	30 9 16 67 24	75 97 46 50 52	1214 839 595 589 555	02 .05 07	27 87 38 76 33 59 6 42 14 41
580919 572113 558947	HOUSLEYS DAPI <u>FAVVOP</u> BAY MEADOW <u>SUNNYS</u> DARIMOST HOUSLEYS J <u>CHAMPION</u>	2960784 2960790 2960779	87 6 890	139 71 5019	15 13 16	81 3 23	84 38 99	443 341 -7	08 09 .07	13 34 7 24 6 4

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REGISTR	ATION	STUD	NO.	NO.	PCT	PCT PCT	PREDIC	TED DIFFEREN	ICE 74
NUMBER	NAME	CODE	HERDS	DAUS.	INC.		MILK	PCT FAT	\$\$\$
		JE	RSEY						
мавс	- SELECT SIRES								
611085 599997 602283 612243 607971	MAJESTIC VICTORY <u>PHIL</u> TENN <u>TORONO</u> G D O LAD FAVORITE SECRET TRIUMPH FAVORITE <u>BANNER</u> U K CONFIDENT <u>KELVIN</u>	7J95 18J33 3J76 7J660 7J945	4 32 287 24 18	45 128 1022 46 30	0 6 10 10 11	9 42 14 77 41 97 28 65 4 61	1389 877 887 690 557	07 48 15 30 24 22 01 34 01 32	97 71 65 64 61
614850 606421	WILLRICH <u>MERCURY</u> Tenn confident <u>Ieb</u> Lad	7J71 7J97	7 2	16 17	67 7	69 36 18 31	567 649	.00 29 14 20	54 51
CURTISS									
593816 606736 606982 608927	FAVORITE <u>FORESTER</u> FAIR WEATHER <u>SUPERB LAD</u> H L POMPEY <u>FREDERICK</u> FAIR WEATHER <u>JUGGLER</u>	40J556 40J569 40J566 40J561	345 7 7 82	1392 37 32 197	12 4 7 10	17 98 30 51 7 41 31 88	559 515 484 579	08 26 05 26 .05 29 14 16	56 54 49 44
GENETICS	- CARNATION								
610058 605836 606741 595641 593883	ADONIS SALUTE L C <u>MASTER PRINCE</u> PHILNADE SURVILLE <u>POCKET</u> PATIENCE BAS <u>MILKMAN</u> S S <u>QUICKSILVER</u> OF FALLNEVA	11J0320 11J0314 24J0343 11J0311 24J0073	3 15 8 22 184	16 61 42 72 1121	8 18 8 16 9	25 28 22 61 5 56 8 69 22 96	881 820 533 -166 826	08 37 10 32 17 11 .03 -6 .13 54	77 70 38 -14 -38
ABS									
608877 609322 602658 609485 610921	PIXYS <u>EAGLE</u> MAGIC TPISTRAM <u>PREACHER</u> MILESTONES <u>GENERATOR</u> ADVANCER <u>SLEEPING</u> <u>MILESTONE</u> MASTER <u>PLAN</u>	29J2760 29J2744 29J2732 29J2755 29J2734	5 7 548 11 16	25 19 2822 47 26	4 6 0 8	0 38 5 44 40 98 0 48 50 53	1199 995 1116 303 728	32 29 20 31 42 15 17 24 08 29	88 79 72 63 63
612195 600816 608657 604905	<u>CRAFISMAN</u> JANICE JESTER <u>JOYCE</u> SUPREME PILOT U N H DIAMOND <u>OMAR</u> VICTORY <u>PPICELESS</u> <u>VIEW</u>	29J2733 29J2731 29J2751 29J2755	14 59 10 39	19 230 45 94	15 9 5 8	19 48 33 86 14 53 63 73	711 +99 536 +28	08 28 10 16 27 2 .05 3	61 40 31 1
		BR	OWN SWIS	SS					
мавр	- SELECT SIRES								
146947 154912 151559 135681 150692	WHITE CLOUD DOREENS <u>DELEGATE</u> NAKOTA PAVANNE <u>EVILO</u> HARRIS HILL MARY <u>VICTOR</u> ACTIVE AGRES <u>ACTOR</u> O T VENTURES SUNNY <u>BPUCE</u>	95056 78625 78624 12308 78722	64 19 26 69 35	135 26 41 150 84	4 0 10 14 17	18 86 81 49 26 62 25 85 17 77	1533 1623 853 894 675	03 58 07 48 .07 43 08 26 .11 41	129 115 80 69 69
150000	SHARON FARMS TAMARINDS <u>CEDRIC</u>	78732	/ 3	22	0	10 34	568	.06 30	55
CURTISS							2.5		
151731 145427	AREOR ROSF BOUNCIN <u>Sugar</u> Boy Vernons <u>elberto</u>	408342 408339	2 23	16 53	8 0	13 25 57 59	558 171	.06 30 04 2	54 11
GENETICS	- CARNATION								
152415 137395 154171 152198	LFFS HILL LAIPD <u>SUNSET</u> Welcome in <u>Judge</u> Hickory Lawn <u>Trustee</u> Sugar Valley <u>Titan</u>	1180510 1180509 1180511 1180514	65 57 25 18	165 203 35 44	14 13 0 4	35 85 3 86 72 57 18 56	192 83 4 -382	.10 20 .05 9 03 -3 .09 -5	26 12 -2 -25
ABS									
147144 153837 146046	ROSELAWN TOPSY'S <u>Topper</u> Red brae <u>citation</u> Breezy Hill <u>Virginian</u>	2983654 2983950 2983653	1 37 17	25 76 50	5 11 0	0 23 25 76 59 57	540 509 -105	01 24 12 6 03 -8	54 32 -12

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REGISTR/ NUMBER	TION	STUD CODE	NO. HERDS	NÖ. DAUS.	PCT INC.		СТ (РТ	PREDIC	FED DIFFERE PCT FAT	NCE 74 \$\$\$
		но	LSTEIN							
MABC-	SELECT SIRES									
1515118 1499133 1491007 1556373 1492486	ST CROIXCO VEEDICTION <u>RON</u> ALED PEB <u>PAT</u> ROUND OAK RAG APPLE <u>ELEVATION</u> <u>GLENDELL</u> ARLINDA CHIEF ROBTHOM <u>MONARCH</u> VOYAGEUR	7 H5 7 6 3 H3 4 7 7 H5 8 7 H4 7 7 15 H5 5	47 65 486 4 188	68 75 1263 15 492	11 5 6 0 8	0 2 31 31 29	78 83 98 30 95	1781 1482 1185 1249 1543	16 39 13 33 02 40 06 36 27 13	127 106 96 96 94
1470512 1450692 1536450 1537060 1491980	PAULINA <u>TOP SPOT</u> LIME HOLLOW <u>BURKGOV</u> ROBURKE ROSE E VUE <u>ROCKMAN</u> COUNT SIMPSONS <u>APOSTLE</u> FLORENDEL IVANHOE <u>LOREN</u> TWIN	7H311 7H919 3H443 3H440 7H924	357 1014 69 47 27	671 2670 88 50 36	9 8 13 12 14	66 38 0 10	96 99 82 76 68	1217 1336 1394 1804 862	09 30 .01 39 03 35 .03 41 .11 48	90 87 87 87 85
1536047 1524597 1524956 1520161 1529276	KNOB LICK <u>GO</u> Long Haven <u>Sevens</u> Winteps MD Gaywinds <u>Merry King</u> Nicolk Sunshine <u>Bold C</u> hief Leebar Drummep Kincpin <u>Micah</u>	7H127 7H334 9H96 3H406 7H242	47 48 115 92 5	69 56 227 116 11	4 9 5 7 0	23 0 13 1 18	76 77 91 87 31	1095 1009 1125 555 983	05 32 01 35 10 26 .25 57 05 28	85 82 82 76 75
1386859 1557765 1399654 1516004 1552360	CLANYARD RAG APPLE <u>TRI VIC</u> KIN VALE <u>TIDY</u> CHAMP TWIN LONG HAVEN FAYNE <u>KING</u> WINTER WOODBINE PEARL <u>COMET</u> UK <u>SUPREME</u>	7H645 7H138 7H314 7H285 7H132	731 33 490 37 91	1470 47 996 126 159	8 14 12 10 14	11 22 18 29 24	99 67 98 80 87	821 853 552 864 859	.03 34 02 28 .12 41 05 24 05 24	72 69 68 66 66
1553779 1500609 1524955 1563897 1506745	LONG HAVEN <u>Rumpus</u> twin Shadyvale <u>pearl ppide</u> MD Gaywinds <u>Whirlptn</u> Round <u>Oak</u> Rockman E z Acres orlo <u>skydean</u>	7H350 7H327 7H124 7H147 7H403	49 74 94 57 6	63 149 129 77 19	7 13 11 4 6	17 2 6 45 0	74 87 87 77 47	825 938 598 729 858	03 26 13 15 .11 38 .02 30 10 17	65 63 63 63 60
1559991 1549021 1522595 1534313 1447141	LIME HOLLOW <u>ADMIPAL</u> DE KOL HOLTEX RECORD <u>ATLAS</u> N-DEL-CEE DUTCHMAN SEMOG <u>D</u> IANE <u>DYNAMO</u> <u>KING</u> STEAD <u>IVAN</u> HOE	7H156 7H131 7H504 7H507 9H92	19 96 12 4 2613	21 145 58 10 7894	11 9 0 7	76 11 28 0 22	47 87 56 28 99	776 890 787 819 530	04 22 13 13 01 24 09 16 .10 34	60 58 57 57 56
1562352 1561753 1563813 1463169 1392858	ROUND OAK APOLLO <u>VIRGINIAN</u> DOUBLE NED HARVEYCREST <u>WALKWAY</u> LONG HAVEN <u>ADAM</u> LIME HOLLOW BURKGOV <u>TRIUMPH</u> NO NA FOND <u>MATT</u>	7H146 7H152 7H155 4H305 3091	41 22 18 275 1952	49 27 19 448 7046	15 17 0 9 7	67 77 25 17	67 53 45 95 99	734 711 739 695 552	05 19 04 20 07 17 04 19 .05 28	55 54 53 53 52
1552849 1599085 1569505 1490217 1502023	EDEAL PINONIA MATT <u>TIPPY</u> B Y U PERFORMER <u>CATSUP</u> RED <u>GREEN</u> PASTURES ROCKY E Z AGRES <u>DAGAN J</u> SEARS PACLAMAR TRIUNE <u>COSMO</u>	7H145 7H162 7H164 7H430 7H415	39 8 13 3 3	47 11 13 25 41	0 0 50 5	80 0 85 19 12	67 30 36 27 34	776 765 507 605 703	11 12 10 13 .00 22 01 20 08 14	52 52 50 49 49
1554242 1566027 1527802 1399628 1505857	ST CROIXCO PIONEER <u>Major</u> <u>Diamond S</u> Dividend Round Oak Rag apple <u>elation</u> Walhowdon vernon M <u>venus</u> Country benedict hartog <u>falcon</u>	7H137 7H160 7H341 7H343 7H345	45 14 91 170 16	60 15 115 301 19	5 0 9 8 7		73 39 86 93 50	595 725 528 685 496	00 21 10 11 .02 22 11 9 .02 21	49 48 46 44 44
1556238 1561374 1525496 1393031 1489802	HULONG GAY APOLLO <u>NINE</u> BAILAND POSCH <u>FOND</u> MAIT TWIN HARDY STARWARD IVANHOE <u>HILLY</u> KILINSDALE <u>TVANHOE JACK</u> BER-CRE-FARM FLYING <u>CLOUD</u>	7H154 7H151 7H254 15H114 7H320	14 16 4 1636 24	16 19 24 5954 31	33 11 9 8	63 21 20	41 45 30 99 66	639 596 571 737 453	08 12 05 14 07 11 21 -4 02 13	44 43 40 37 35
1554161 155 <u>0</u> 574 1454671 1540036 1458728	ROCKY MOUNT APOLLO PERFORMER COLLINS CREST ROYAL J ROCBY IVANHOE DINA <u>CHARM</u> ELEVATION VIGTORY <u>EDSON</u> ECRASO <u>MOPTHY MASTER</u>	7H148 7H503 7H63 9H100 7H107	28 10 1957 143 801	29 25 5358 235 1660	10 17 8 8 19	8 33 9	56 49 99 92 98	634 372 468 561 433	17 -2 .00 13 10 3 24 -12 18 -9	33 30 28 26 18
CURTISS										
1427381 1560362 1520034 1458744 1534171	PAWNEE FARM <u>ARLINDA CHIEF</u> C ROMANDALE SHALIMAR <u>MAGNET</u> WESTMORELAND <u>BRIDAGIER</u> PACLAMAR <u>ASTRONAUT</u> TOMOREEK MARQUIS <u>CHALLENGER</u>	40H2025 40H2080 40H2071 40H96 40H2212	2834 228 233 5212 9	7554 354 447 16234 30	7 6 11 7 5	56 32 25	99 93 94 99 44	1428 1376 1219 841 661	.09 65 20 19 15 22 03 26 .05 32	130 90 83 66 61
1539510 1538108 1508246 1599072 1477754	OSCHIL <u>BOB</u> ST¥LIST BETTERWAY ASTRO <u>JOE KEEN</u> ZION-MEADOWS ADMIRAL C ROMANDALE <u>JASPER</u> RED ARLINDA CHIEF <u>ARISTOGRAT</u>	40H2233 40H2265 40H2253 40H2253 40W8003 40H2156	4 13 11 14 7	28 45 45 19 86	0 8 0 7	60 12 63	38 61 49 44 47	6%7 773 882 796 7%7	.05 33 04 22 13 13 07 18 05 18	61 59 58 57 55

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REGISTRA NUMBER	TION NAME	STUD Code	NO. HERDS	NÖ. DAUS.	PCT INC.	PCT	PCT RPT	PREDICTED MILK	DIFFERENC PCT FAT	CE 74 \$\$\$
		но	LSTEIN	-CONTI	NUED-					
CURTISS -	CONTINUED-									
1426912 1460725 1489981 1557719 1533777	CONNERHILL <u>IVANHOE</u> <u>LEADER</u> EL PAJARO <u>BENBURKE</u> PENSTATE <u>STAR DUST</u> MALLARY <u>FOREMAN</u> HAYSSEN <u>GRAFTSMAN</u>	40H2093 40H2125 40H2029 40H2089 40H2182	330 17 669 15 8	564 137 1352 15 48	13 3 10 0 15	67 41 19 79 5	95 56 98 39 50	615 - 310 413	14     37       92     20       20     40       03     19       07     9	54 49 38 37
1561869 1503921 1506714 1518086 1519107	DAN VER KING KUPT ARLINDA CHÌEF <u>DIPLOMAT</u> ARLINDA JEWEL <u>DYNAMO</u> TWIN GENAFTON <u>CHARM</u> HAVEN LANE CRISS <u>TONY</u>	40H2194 40H2264 40H2205 40H2043 40H2075	5 4 6 185 3	30 36 26 275 38	5 10 0 7 10	22 0 15 28	40 45 47 93 29	390 - 223 455 -	.04 10 .05 7 .08 19 .10 2 .03 14	32 27 27 26 26
1466747 1522265 1531718 1511382 1473048	VALENTINE EL <u>MINUTEMAN</u> RINCON FURY <u>RFLAX</u> WENRON <u>FIFTY-FIVE</u> ROCKMAN ROCK I SUNVAE P ADMIRAL <u>BUCK</u> MOOSEHEART <u>SELECT</u>	40H2037 40H2240 40H2255 40H2263 40H99	1471 3 5 6 234	3230 37 37 26 356	8 0 0 10	33 47 46 0 13	99 28 41 42 94	288 - 115 257 -	02 9 01 9 10 19 03 6 19 -11	24 23 21 19 16
1485414 1435690 1533498 1564860 1428649	ROYALANE PEFLECTION SHAMROCK DEE ANN SILVER TIM WITESTAR DOUBLE DEAN HILFAR EXCALIBUR M WINFARM RAG APPLE MAGIC	40H2237 40H2024 40H2256 40H2256 40H2097 40H2054	2 1385 5 14 726	20 2689 24 25 1619	0 8 4 0 9	0 19 4 88 18	33 99 39 49 98	-81 181 - 130 -	.02 4 .16 20 .05 0 .01 4 .17 13	14 12 10 10 6
1540889 1454800 1548184 1512700 1503125	CAL CLARK <u>BRAVE</u> GLADIATOR UNH <u>PRESIDENT KING</u> HILFAR <u>PHOENIX</u> DIAMOND S MAGIC <u>KNIGHT</u> WILLOMONTE EL <u>DEFMAND</u>	40H2232 40H2040 40H2069 40H2217 40H22156	6 1522 15 15 7	27 3564 20 76 36	0 11 0 2 4	37 22 58 19 11	43 99 48 60 48	5 - 27 - 118 -	.04 -3 .02 -2 .04 -4 .11 12 .05 -7	2 -1 -2 -3 -4
1441738 1518939 1516215 1549100 1570321	FROGMORE PONTIAC <u>POLARIS</u> DAN-VER <u>CAROL SENATOR</u> PAVENGLEN REFLECTION <u>ADONIS</u> UNH <u>ADMIRAL</u> ARLINDA <u>F</u> OND <u>M</u> ATT	40H2109 40H2154 40H2031 41H2070 40H2239	59 14 611 524 6	147 64 1166 998 12	5 6 12 12 0	63 13 13 43 92	81 64 98 97 31	59 - 82 - -12 -	.09 -10 .09 -11 .13 -15 .07 -11 .02 -4	-4 -6 -8 -9 -13
1553048 1529788 1539414 1564216	ARLINDA LINDY KING OF THE ABOS EL PAUARO PIJNEEP <u>THOR</u> IDEOGRAPH KENNEDY <u>ACE</u>	40H2180 43H2055 40H2238 40H2279	6 218 6 11	31 345 30 30	0 12 14 0	45 12 21 44	41 94 46 46	-213 - 505 -	.14 6 .07 -17 .14 2 .15 19	-14 -25 -34 -78
GENETICS	- CARNATION									
1517422 1448475 1483713 1499581 1488500	LAZY L SKYLINER <u>WALLIE</u> Mayior Royal <u>Design</u> Paclamar Triune <u>Nefdle</u> Twin Franlane <u>Black Knight</u> Betterway <u>Rear</u> <u>Admiral</u>	20H0220 24H0221 11H103 11H0105 24H0535	15 4 40 39 12	44 54 77 251 46	9 12 8 7 3	28 4 28 41 0	60 42 73 82 61	1053 - 997 - 971	.11       27         .03       34         .01       35         .00       35         .10       24	86 85 82 80 78
1545745 1536957 1514912 1494593 1537653	DUARTE AGRES <u>KNIGHT PRINCE</u> CARNATION <u>FIRST MILLION</u> KETCHUM <u>JOE ALSTAR</u> CLINTON CAMP DAUNTLESS <u>IIDY</u> LEN LYN MODEL KINGPIN <u>MAXIM</u>	1LH0150 11H0084 11H0147 11H0143 24H0225	6 192 14 10 8	72 336 52 - 44 44	4 10 13 5 17	30 24 11 10 16	51 93 54 57 48	838 - 623 550	.07 24 .02 28 .02 26 .04 26 .11 10	71 68 54 51 47
1428731 1433675 1547629 1487095 1525356	<u>WILLARDS MONARK</u> BLUEGILL PONTIAC <u>SUPREME</u> <u>C WERRCROFT APOLLO</u> Cochran Sunshine <u>Charmer</u> DELLFIELD BURKGOV <u>KIT</u>	11H0107 11H0087 11H0154 11H0145 11H0146	17 521 8 8 11	72 1029 19 40 45	9 9 10 4 7	9 29 39 4 0	64 98 38 49 59	374 402 510 -	.07 11 .06 23 .02 18 .07 9 .02 14	39 39 36 35 35
1492071 1462040 1347448 1467291 1521141	GOUVEIA <u>Elmsmastep</u> Edgewood Hall <u>Elsie Osborndale</u> Verpana far <u>Regent Mark</u> Diamond J Opion <u>Zest</u> Paclamar <u>Net Profit</u>	24H0222 23H0174 11H0055 24H0218 11H0139	33 25 425 35 13	78 114 749 132 53	5 17 9 4 2	72 30 356 15	58 72 97 77 59	265 278 342	.04 11 .07 19 .05 17 .00 13 .05 7	34 30 29 29 29 26
1546588 1526881 1547162 1483722 1524037	HILLTOPPER REFLECTION <u>RUFUS</u> FL KATRINA <u>BELL POSS</u> DUNWOOD <u>R A PRIDE</u> PACLAMAR <u>GOLIATH</u> POLYTECHNIG <u>COMET</u>	11H0151 24H0224 11H0149 11H0100 23H0168	7 4 5 104 31	35 82 24 202 227	10 8 11 9 13	7 10 25 63 57	40 34 34 88 82	387 - 238 465 -	.06 6 .06 5 .04 14 .16 -7 .02 6	26 25 24 20 18
1532951 1423733 1426616 1555298 1569772	KYLAND <u>ROCKET</u> <u>Willards Astronaut</u> Paclamar <u>Capsule</u> Winding Glen <u>Performer Mars</u> Ecraso <u>Top Choice</u>	11H0079 11H0082 11H0077 24H0638 24H0533	35 196 1046 14 10	53 396 2390 87 18	12 8 9 14 20	42 35 31 73 50	70 93 99 59 42	219 - 152 - 97 -	.05       12         .07       -2         .03       1         .00       4         .01       1	16 10 10 8 4
1478738	LAVACRES BURKGOV BRUCE	, 2%H0219	18	109	D	64	66	251 -	.18 -17	0

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REGISTRA NUMBER	TION NAME	STUD Code	NO. HERDS	NO. DAUS.	PCT INC.	PCT PC RIP RP		PREDICTED DIFFERENCE 74 MILK PCT FAT \$\$\$
		HOLSTEIN -CONTINUED-						
GENETICS	- CARNATION -CONTINUED-							
1559306 1488907 1481964 1424716 1435884	SHADY LYNN STAR CORNMANS <u>DEAN</u> INDIANHILLS SENATOR <u>FLAME</u> ARLINDA SUPERB <u>GOLP</u> RWJS DU VAR <u>GENEPAL</u> WIS MAYERS	11H0144 11H0121 11H0148 2+H1360 11H0086	2 12 6 8 235	63 71 38 240 450	2 6 0 7 10		1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
1476170 1522954 1478038 1409146 1459513	PUGET SOUND EXPECTATION SLEEPY HOLLOW FURY FIRECRACKER EL CANON ELATOR MELODAY WIS LEADER NUNESDALE MARK PERFORMER	11H0097 11H0153 11H0104 11H0083 11H0089	109 14 7 64 394	163 24 56 111 <b>73</b> 5	11 11 0 13 13	11 5 13 3 34 8	8 2 9 2 6	-255       .02       -7       -19         -194      10       -21       -27         -379       .03       -9       -28         -\$32       .06       -7       -29         -573       .15       0       -31
14 57 932	COLLINS CREST MAJESTY	11 H00 99	90	211	10	52 8	8	-23813 -27 -34
ABS								
1556820 1447414 1454407 1564147 1450228	DELATI ALSTAR <u>GERRI</u> MARTIN WESTSIDE A B <u>SEAMAN</u> <u>BUSY</u> ACRES RORURKE SEARS SEVENS <u>GRAND SUPPEME</u> PACLAMAR <u>BOOTMAKEP</u>	29H2434 29H1879 29H1892 29H2445 29H1881	19 2172 281 20 2562	25 7166 406 23 6267	0 9 10 0 5	239 599 835	4	1479         .01         55         124           1508        09         41         114           1174        07         32         89           1350        19         19         88           1380        06         30         82
1454720 1461578 1432733 1531866 1518703	FULTONWAY IVANHOE <u>BELSHAZZAR</u> FINEVIEW <u>K B O P</u> TONY FLEETRIDGF <u>Monitop</u> PACLAMAR <u>COMBINATION</u> MAREVA PILOT <u>BELMONT</u> KATE	29H1885 29H1890 29H1869 29H1960 29H1948	1016 667 1208 249 28	2334 1487 2897 379 38	11 12 9 7 16	36 9	9 5	983      01       34       80         923       .03       38       80         983      03       31       78         1115      13       21       77         1022      07       26       76
1539336 1487148 1540369 1563679 1564649	POLYTECHNIC <u>BLACK BARI</u> KNOB LICK ELEVATION <u>BOB</u> LARIGAN <u>SEGIS</u> SEVENS TWIN UK FOND MATT <u>ARI</u> TIHO <u>KIT RUILDER</u>	29H1962 29H1932 29H1967 29H2417 29H2959	212 35 32 32 6	335 41 41 40 32	10 9 14 17 14	21 7 5 7 15 6	3 1 0 7 9	1040        08         25         76           1087        12         21         75           830         .04         36         74           754         .04         34         68           880        07         22         65
1557246 1541533 1480989 1493435 1461450	SKAGVALE <u>FRASEA</u> ROCKET Illini Fond <u>Billy</u> Arbur ormsby <u>Mark</u> Diamond s <u>Knight son</u> Milmay Rosni <u>Conqueror</u> Pabst	29H1958 29H2389 29H1923 29H1931 29H1931	7 41 75 13 137	17 53 97 90 217	7 10 14 13 9	5 7 64 8 5 6	9 4 3 0 9	1028      18       10       64         803      05       21       60         713      02       23       57         840      10       15       57         739      05       20       56
1532749 1467915 1494360 1522350 1522330	DORLOY DELILAH <u>DUKE</u> <u>Olympic</u> segis fric twin Halterman Roburk <u>Melody Master</u> Fleetridge <u>grand March</u> Semog <u>Double ben</u> efactor chief	29H1964 29H1915 29H1935 29H1949 29H1949	27 202 23 32 32	37 327 26 39 39	6 8 5 6	77 9 0 6 0 7	8 3 3 1 1	802      10       14       55         525       .08       31       53         728      08       14       51         728      08       15       51         728      08       15       51         728      08       15       51
1525369 1458063 1524382 1543753 1410733	VIGO <u>RAVEPION</u> GRASSYLANE <u>Confident</u> Master Oregon trail pag apple <u>JIM</u> Collins crest paclamar <u>Seven J</u> Forest greene <u>Sears</u> Mary	29H1954 29H1899 29H1966 29H1961 29H1874	47 186 24 526 1356	61 385 28 856 3683	6 10 4 10 9	62 9 0 6 43 9	8 3 4 7 9	714    07     15     51       721    08     14     50       747    11     11     49       779    14     7     48       525    04     17     47
1430145 1495135 1477381 1507388 1399283	CITATION <u>R MAPLE</u> UTAG IVANHOE <u>SIZZLFR</u> UTAG IVANHOE <u>ULTIMATE</u> SLEEPY HOLLOW <u>MAN</u> MOWRY <u>IVANHOE</u> <u>PRINCE</u>	29H1883 29H1924 29H1904 29H1965 29H1965	1875 100 760 11 2759	4412 158 1494 15 8550	9 7 9 8 13	37 9 42 8 60 9 0 4 13 9	8 8	550       .01       21       47         412       .10       30       46         501       .02       21       44         444       .04       22       42         613      08       10       41
1490991 1545764 1499772 1508952 1537886	GRAYSLAKE <u>INKA BOY</u> Sarob skyline <u>Admipal</u> Lime Hollow <u>Flsie</u> Roburke dean <u>Sterk pride</u> Mowry C <u>Citation</u> Rocket	29H1942 29H2870 29H1937 29H1946 29H1953	26 2 21 10 4	34 13 27 69 19	9 18 9 0 8	4 6 15 5	3	591      12       4       35         550      09       7       35         595      13       2       34         527      09       6       33         294       .08       22       33
1474638 1505219 1521390 1466812 1479300	RIDGE FARM <u>DEWY</u> SUPREME PACLAMAR <u>DOUBLE TPIUNE</u> ARTEVEL SKYLARK <u>RAINBOW</u> HOMO WIS BURKE <u>MEMORY</u> SAR- <u>BEN</u> SKY PRINCE	29H1940 23H1926 29H1952 29H1929 23H1912	29 26 10 25 50	40 63 87 47 72	10 2 0 9 20	45 6 20 6	0 7 1 6	375      02       11       29         391      06       6       26         446      10       1       25         313      03       7       23         379      09       1       21
1537759 1502025 1508339 1473543 1451149	CHAMBRIC HAPPY <u>BRETT</u> PACLAMAR TRIUNE <u>JETHRO</u> NOR LENE ALSTAP <u>PILOT</u> J ARGO <u>FASCINATION</u> THONYMA PACLAMAR <u>AMOS</u>	29H1945 29H1933 29H1928 29H1938 29H1938 29H1921	10 17 77 29 144	38 71 140 56 215	0 5 8 2 14	12 5 57 8 0 7	2 5 0 3 0	233       .02       11       21         251      03       5       18         110       .08       15       18         321      08       0       17         341      11       -3       16
1388586 1523669 1569625 1496121 1438533	ARLINDA FORTY-NINER STAR FLOWER CITATION <u>COPONET</u> SAR BEN <u>REFLECTION</u> COMMANDER ROBSON POMANDALE REFLECT <u>DELL</u> DON AUGUR CARNATION ROTAL JOJO	29H1857 29H1963 29H1951 29H1939 29H1900	1314 5 6 2 672	3106 23 25 125 1304	12 9 0 6 9	4 3 44 4 11 3	94548	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$

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