



**ANNUAL**  
**MISSOURI DHIA SUMMARY**

**University of Missouri-Columbia Extension Division Missouri DHI Federation Cooperating**



## FOREWORD

The cover of the 1975-76 Annual Missouri DHIA Summary is of the presentation of the first Verified Identification certificate to the first cow in the United States, Staiger Alice Chief, VIP number C000001.

Alice is sired by Pawnee Farm Arlinda Chief and just completed a lactation at 4 years and 2 months, 305 days, 22,500 pounds milk, 3.7% BF and 840 pounds fat actual. She has two additional lactations, 2-0, 305 days, 18,940 milk, 3.8% BF, 713 pounds of fat; 3-02, 305 days, 16,150 milk, 4.2% BF and 682 pounds of fat.

She is owned by Mr. O.F. and Gene Staiger of Billings, Missouri.

The Staigers have 58 other grade animals in their herd enrolled in the VIP program and the remaining 24 head are registered Holsteins.

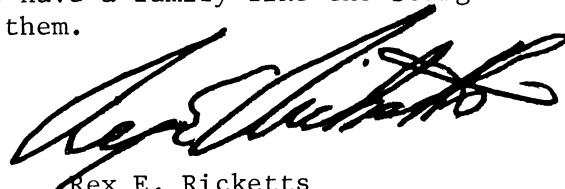
The Verified Identification Program (VIP) was adopted by the National DHIA for sponsorship at the Annual Convention in Baltimore, Maryland in March 1976. We are happy to have a dairy family like the O.F. and Gene Staigers to have the first cow and first herd enrolled in this program. The Staigers' herd has a rolling herd average as of May 30, 1976 of 21,226 pounds of milk, 808 pounds butterfat.

In order for animals to be eligible to be enrolled in the VIP program they must be enrolled in a production testing program and be identified by sire and by dam. They then must be identified, if broken color, by sketch or picture and, if solid, by tattoo or other acceptable means. The identification is then checked by DHI Supervisor and verified and the charge for this program to the dairyman is \$3.

We feel the Staigers' herd was a perfect herd for this kind of a program. Since the 34 years the Staigers family has operated this farm, they have never owned nor had a herd sire on their place. They have used A.I. exclusively and have kept meticulous records identifying animals by sire and dam.

In the picture front row left to right, Mr. O.F. Staiger receiving the first VIP from Richard Sechrist, Executive Secretary of the National DHIA. Second row left to right, Mr. & Mrs. Gene (Ann) Staiger, Mr. Robert Gallivan, Secretary-Treasurer Missouri DHI Federation, Halfway, MO.; Mr. Marvin Sprick, President, Missouri DHI Federation, New Haven, MO.; Mr. George Wright, Vice-President Missouri DHI Federation, Clever, MO.; Dr. Archie Devore, Area Dairy Specialist, Lake's Country and Dr. Rex E. Ricketts, State Specialist Dairy Husbandry, University of Missouri, Columbia, MO.

We are proud to have Alice, the first cow in the United States, enrolled in the VIP program and especially proud to have a family like the Staiger family to own her. Our congratulations go to them.



Rex E. Ricketts  
State Specialist  
Dairy Husbandry



ANNUAL D.H.I.A. SUMMARY

For Records Completed Between  
May 1, 1975 and April 30, 1976

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MANAGING YOUR DAIRY BUSINESS

With the narrow profit margin dairymen have been experiencing during the past 2 years, clearly defined goals and objectives are a must. Goals and objectives established for your dairy business at this time will be a major factor in the profitability of your business in the years to come.

In order to establish objectives that are obtainable and profitable it is important to use all the available resources. The following tables in the Annual DHI Summary are provided to give you, the dairy businessmen, a greater insight into the dairy business.

The summarized data can be used by you to establish goals and to evaluate your progress through management decisions in accomplishing these goals.

Table 1 shows the progress that has been made in the milk production in the last six years.

TABLE 1. Production Per Cow by Years, Lb.

Year	U.S. DHIA		Missouri DHIA		U.S., All Cows		Missouri, All Cows	
	Milk	Fat	Milk	Fat	Milk	Fat	Milk	Fat
1971	13,000	489	11,776	441	10,009	366	9,116	332
1972	13,226	496	12,154	450	10,250	377	9,365	342
1973	13,287	499	12,400	464	10,114	372	9,438	346
1974	13,163	493	12,107	451	10,300	377	9,519	350
1975	13,421	505	12,321	456	10,354	381	9,873	360
1976			12,728	472				

Milk production per cow increased by 407 pounds during the last year and 16 pounds of butterfat. Missouri DHIA cows averaged 12,728 pounds of milk and 472 pounds of butterfat. The increase in milk production per cow reflects some important management changes such as culling low producing cows and getting the feed into the cows at the right stage of lactation. The increase in milk production was achieved on 30 pounds more milking rations than was fed in 1974-75 when dairymen fed 5,045 pounds of milking ration per cow. In 1975-76 5,075 pounds of concentrates were fed per cow.

TABLE 2. Average Production by Breeds, Missouri

Breed	Number		Registered			Number		Grade		
	Herds	Cow Years	Milk Lbs.	Fat Lbs.	Fat %	Herds	Cow Years	Milk Lbs.	Fat Lbs.	Fat %
Ayrshire	2	47.58	13,590	536	3.9					
Brown Swiss	10	522.12	10,583	412	3.9	1	4.86	10,350	370	3.6
Guernsey	23	1332.20	10,552	491	4.7	7	411.78	9,855	433	4.4
Holstein	87	6033.03	14,228	521	3.7	333	23301.14	12,782	461	3.6
Jersey	20	970.59	9,221	461	5.0	3	233.65	9,488	479	5.0
M. Shorthorn	3	145.89	9,501	365	3.8					
Other	2	69.27	10,702	415	3.9	9	469.69	11,958	463	3.9
Dairy Goat	2	26.59	1,689	62	3.7					
All	147	9120.68	12,844	501	3.9	353	24421.12	12,685	461	3.6

Table 2 provides a comparison of milk and fat for your particular breed. Increases in milk production were made by the following breeds: in registered breeds in 1975-76 compared to 1974-75, Ayrshire 391; Brown Swiss, 898; Guernseys, 340; Holsteins, 724; Jerseys, 78; Milking Shorthorn, 8; other, 1802; and dairy goat, 129. In the same period grade breeds increased as follows: Brown Swiss, 1802; Holsteins, 302; Jerseys, 265; other, 2318. The highest producing breed was registered Holsteins averaging 14,228 pounds of milk, 3.7% fat and 521 pounds of butterfat.

Of the registered cows on test 66% of those are Holsteins and 34% are colored breeds including dairy goats other than Holsteins. Of the grade cows on test 95.4% of those are Holsteins and 4.6% of those are other than Holsteins. When registered and grade cows on test are combined in Missouri, Holsteins make up 87.38% of the cows contained in this summary while colored breeds and others make up only 12.62%.

Herd size is an important factor in dairy business. Table 3 indicates the changes in herd size which occurred during the last five years. The continued increase in herd size has necessitated a change in the way that DHIA data is summarized and you will note that in the 1975-76 data herds which had previously been classified as 80 and above are now broken out at 20 cow intervals up to 160. The most herds in Missouri fall between 60 and 79 cows.

TABLE 3. Relation of Herd Size to Production and Income

Herd Size, Cows	1970-71					1975-76				
	Number Herds	Milk lbs.	Fat lbs.	Value Prod.\$	Inc. F.C.\$	Number Herds	Milk lbs.	Fat lbs.	Value Prod.\$	Inc. F.C.\$
Under 10	1	12,029	499	561	305	4	9,155	372	762	276
10-19	14	10,942	440	495	324	7	12,566	496	1071	491
20-29	40	11,666	450	627	355	40	12,297	468	1016	466
30-39	97	11,642	435	636	357	63	12,812	476	1049	491
40-49	112	11,968	440	656	375	79	12,600	467	1048	478
50-59	178	11,590	437	647	373	62	13,283	489	1106	511
60-79						114	12,705	469	1060	483
80-99*	82	11,976	447	686	398	56	12,407	475	1064	516
100-119						34	12,708	465	1064	506
120-139						15	13,023	477	1093	505
140-159						11	12,768	466	1073	455
160+						15	12,786	469	1080	530

\*80 and above

The average herd size for the 500 herds included in the official DHI program in this summary is 67 cows.

It is interesting to note that we have 15 herds, 160 cows or more, with an average production of 12,768 pounds of milk and the highest income over feed cost \$530 per head. This may not necessarily show a trend to higher income over feed cost for large herds but it is noteworthy. In 1975-76, 26% of the herds, that is 131 of 500, were 80 cows or more compared to five years ago only 15.6% of the herds were 80 cows or more. It is interesting to note regarding herd size that in 1975-76 the average DHIA herd contained 67 cows while in 1974-75 the average DHIA herd contained 68 cows. There is essentially no change in herd size during the past two years.

Table 4 illustrates the most important goal in the dairy business; high milk production. Herds that averaged 16,843 pounds of milk per cow had \$530 more income over feed cost per cow than the herds that averaged 9,064 pounds of milk. On a 67 cow herd this could mean \$35,510 increase per year income over feed cost. A herd averaging 16,800 pounds of milk can be milked in the same facilities with about the same labor as a 9,000 pound herd. This means that the fixed costs are similar. An advantage of increased milk production is that it spreads more units of milk production over the same fixed cost resulting in increased profits. In summary, dairymen many times have as much or more profit opportunity in getting better by increased milk production rather than getting bigger. This practice would appear to be reflected in DHIA herds in Missouri this year since the average herd size has remained approximately the same. If a dairyman is to increase the size of his herd he must maintain or increase milk production per cow. It is important also to note that as milk production increases the amount of concentrates fed increased. Also, the feed cost increased but the most important factor is that income over feed cost was the highest with the highest producing cows.

TABLE 4. Relation of Production to Income

Production Milk	lbs./cow Fat	Number of Herds	Value of Product,\$	Conc. Fed	Feed Costs	Income/Feed Cost,\$
7,212	271	9	592	3490	430	162
9,064	327	23	745	4265	456	289
10,284	373	59	842	4624	489	353
11,757	428	110	973	4799	540	433
12,730	473	107	1070	5110	559	511
14,065	522	110	1186	5472	611	574
14,902	569	53	1270	5667	649	622
16,843	646	29	1429	6266	710	719

As is shown in Table 5, high percent days in milk is desirable. The 247 herds in group 4 averaged 87% days in milk and 13,174 pounds of milk and an average income over feed cost of \$533. Percent days in milk of 91 and 94 found in groups 5 and 6 often reflect the purchasing of large number of replacement heifers or the high culling of cows to maintain a high percent days in milk. Note that only 1 herd appeared in group 6 94% days in milk. Low percent days in milk often reflect reproductive problems. If cows are not conceiving and calving and remain in the herd, percent days in milk will be low.



TABLE 5. Percent Days in Milk

Group	% DIM	No. of Herds	Milk, lbs.	Income Over Feed Cost \$
1	69	7	8,427	235
2	78	41	10,901	383
3	83	176	12,537	476
4	87	247	13,174	533
5	91	28	14,230	573
6	94	1	11,543	362

Feed cost represents more than half the cost of producing milk for the dairy business. In any business-wise management of your larger cost items and adjustments in the feeding program often times will greatly increase milk production and also income. Table 6 indicates that most dairymen feed 2 to 2.5 pounds of forage for every 100 pounds of body weight. Dairymen who feed more than 2.5 pounds of forages per 100 pounds of body weight had lower milk production.

TABLE 6. Rate of Forage Feeding

	Lbs. Per Hundred Lbs. Body Weight	No. of Herds	Milk Lbs.		Lbs. Per Hundred Lbs. Body Weight	No. of Herds	Milk Lbs.
1.	0.1-1.3	7	11,001	6.	2.2-2.3	141	12,954
2.	1.4-1.5	7	13,824	7.	2.4-2.5	111	12,865
3.	1.6-1.7	19	12,680	8.	2.6-2.7	40	12,144
4.	1.8-1.9	62	12,403	9.	2.8-2.9	10	12,432
5.	2.0-2.1	95	12,805	10.	3.0-9.9	8	12,852

Table 7 shows the annual pounds of concentrates fed per cow. You will note that as concentrates per cow increased, milk production also increased as did feed cost. These herds feeding more than 5,000 pounds of concentrates had the highest income over feed cost as well as the high milk production. However, the feeding of large amounts of milking ration or concentrates per cow will not guarantee high milk production nor high income over feed cost. The key to high income over feed cost is not necessarily to feed the most concentrates but a matter of how much you feed a cow in the early stages of lactation. If one gets the proper amount of feed in a cow at the right stage of lactation when nutritional demands are high, one can expect increased milk production and good returns for the milking ration fed.

TABLE 7. Annual Pounds of Concentrate Fed

Concentrates/Cow	Number of Herds	Milk Lbs.	Conc. Cost.\$	Total Feed Cost,\$	Inc./Feed Cost,\$
0000-1900	1	9,848	35	443	499
2000-2900	11	9,026	149	387	382
3000-3900	67	10,769	219	465	453
4000-4900	163	12,092	275	533	479
5000-5900	166	13,286	323	585	528
6000-6900	65	14,135	385	670	502
7000+	27	15,061	453	730	526

Table 8, Feed costs per hundred weight of milk, shows that those herds with the highest milk production also had the lowest feed cost per hundred weight of milk. In 1975-76, 275 herds had a feed cost per hundred weight of milk between \$4 and \$4.99 per hundred weight. This table also reflects that as feed cost per hundred weight of milk is low then the the inverse is true about income over feed cost. It is high. There were 27 herds which had a feed cost between \$2.50 and \$3.49 per hundred weight of milk which had the highest income over feed cost. The average feed cost per hundred weight of milk was \$4.47 which is very similar to the \$4.48 per hundred weight of last years DHIA herds.

TABLE 8. Feed Cost Per Cwt. Milk

F.C./cwt., \$	Number of Herds	Milk Lbs.	Source of Net Energy, %				Income Over Feed Cost, \$
			Conc.	Suc.F.	Dry F.	Past.	
2.50-2.99	2	14,433	52	15	13	20	807
3.00-3.49	25	13,785	54	19	13	14	702
3.50-3.99	81	13,572	53	16	16	15	630
4.00-4.49	161	12,887	50	14	19	17	525
4.50-4.99	114	12,503	53	13	16	18	454
5.00-5.49	73	12,404	51	10	22	17	403
5.50-5.99	27	11,418	54	11	18	17	300
6.00+	17	9,947	50	12	24	14	175

Table 9, Pasture versus no pasture, shows that 39 herds had no pasture at all while 459 herds used some pasture. Those herds with no pasture at all produced 301 pounds of milk more than those herds which pastured. One of the reasons for the increased milk production also can probably be attributed to the fact that 58% of their net energy came from concentrates. It is also interesting to note that their income over feed cost was some \$20 higher than herds on the pasture system.

TABLE 9. Pasture vs. No Pasture

Forage System	Number of Herds	Milk Lbs.	Source of Net Energy, %				Income Over Feed Cost, \$
			Conc.	Suc.F.	Dry F.	Past.	
No Pasture	41	12,994	58	24	18		515
Pasture	459	12,693	51	12	18	19	495

Table 10. This is a summary of the sources of feed reported in DHI herds over the past 10 years.

TABLE 10.

	Conc. Fed	Succ. Fed	Dry F. Fed	Pasture
1966-67	4700	6600	3900	171
1967-68	4800	8000	3700	156
1968-69	4900	8200	3700	155
1969-70	4900	8300	3700	152
1970-71	5000	7100	3600	166
1971-72	5100	7100	3300	171
1972-73	5200	6700	3400	160
1973-74	5100	6800	3100	180
1974-75	5045	6876	3120	167
1975-76	5075	6442	3300	188

The above table shows that there has been an increase in concentrates by 375 pounds since 1966-67 to the current time. However, it also shows that this trend of increased concentrates are leveling off since the highest amount of concentrates fed occurred in 1972-73. Milk production is more than 800 pounds higher for the 1975-76 testing year than it was in 1966-67. The amount of dry forage fed increased approximately 200 pounds over the past year and pasture days increased from 167 to 188. The 188 days on pasture is the highest in the last ten years.

SUMMARY OF MISSOURI OFFICIAL RECORDS FOR 1975-76

<u>Production</u>	Low 25%	Medium 50%	High 25%	Your Herd
1. Number of cows	61.3	69.0	69.3	_____
2. Pounds of milk per cow	9,636	12,779	17,773	_____
3. Pounds butterfat per cow	387	468	565	_____
4. 4% F.C.M.=(milk x.4)+(fat x 15)	9,659	12,132	15,584	_____
5. % cow days in milk	83	85	86	_____

Feed Per Cow Per Year

6. Concentrate fed (lbs.)	4,189	5,099	5,879	_____
7. % total ENE from concentrates	56.9	59.7	61.9	_____
8. Succulent forage fed (lbs.)	6,815	7,871	7,603	_____
9. % total ENE from succulent forages	19	19	16.5	_____
10. Dry Forage fed (lbs.)	3,287	3,374	3,819	_____
11. % total ENE from dry forage	24	21.1	21.5	_____
12. Pasture days	190	184	179	_____
13. % total ENE from pasture	.2	.2	.2	_____
14. Estimated total ENE fed (Therms)	5,375	6,230	6,932	_____

Income and Expense

15. Value of product (per cow)	\$818	\$1062	\$1295	_____
16. Total Feed Cost (per cow)	\$470	\$ 566	\$ 671	_____
17. Income over feed cost (per cow)	\$347	\$ 495	\$ 620	_____
18. Other expenses not including labor (est. $\frac{1}{2}$ of feed cost per cow)	\$173	\$ 247	\$ 310	_____
19. Est. return to labor and management (per cow)	\$174	\$ 248	\$ 310	_____
20. Feed cost per cwt. milk	\$4.87	\$4.43	\$3.78	_____
21. Feed cost per cwt. .4% FCM	\$4.87	\$4.67	\$4.31	_____

Herd Summary

22. Total 4% milk produced per farm (lbs.)	592,097	837,108	1,079,971	_____
23. Total milk income	\$50,143	\$73,278	\$89,743	_____
24. Total return to labor and management	\$10,666	\$17,043	\$21,483	_____
25. Percent milk income return to labor and management	21	23	24	_____
26. Number cows required per \$1,000 return to labor & management	5.8	4.0	3.2	_____
27. Lbs. milk produced per \$1,000 return to labor & management (4% FCM)	56,022	48,528	49,869	_____

THE 450--500-550--600 CLUBS

Dairymen are admitted to these clubs by application when their herd production has been equal to or above the specified production level for the last five years. The following is a listing of current members of each club. If a herd drops below the club level it is suspended for one year. The five year herd average and the year admitted to the club are given.

HERD OWNER	Year Admitted	5 year average	
		Milk	Fat
<u>THE 450 CLUB</u>			
Walter Brazeale	61	10,664	512
Raymond G. Sechler	64	13,704	485
Donald Hegeman	65	12,478	482
Walter Rehagen	65	13,134	482
Proffitt Farms	67	13,317	467
Jerry Weldy	67	15,890	528
Francis French & son	68	13,135	509
Dave W. Norman	68	14,314	496
George Quinn	68	13,813	487
Doyle Wertenberger	69	13,831	525
Shawnee Farms	69	9,967	477
G. G. Vanderfeltz	69	13,750	513
Chalmer Voelker	70	11,853	489
Harvey Nischwitz	70	13,438	498
Otis Messenger	70	13,312	482
Ray Gene Sims	70	13,284	479
Clark & Fred Johnson	70	14,076	510
Buckman Bros.	70	13,152	477
Lester Witthaus	70	13,731	506
Victor Voss	70	14,233	508
Carl Bros.	70	11,731	529
Larry Purdom	71	14,222	490
Vincent F. Hoelscher	71	14,145	511
Robert J. Cassmeyer	71	13,593	513
Harlan E. Cochran	71	9,982	511
Joe Groom	71	13,596	485
Wilbert Hackmann	71	12,809	460
Willard Luecker	72	14,505	503
Elton Koch	72	13,492	496
Clem Lesmeister	72	11,015	476
Swickhamer Brothers	72	14,474	500
Robert & Carl Frankenbach	72	9,907	492
Daisy Dairyland	72	10,230	469
Herbert Kramer	73	15,070	499
Palmer Fritsche	73	13,026	471
State Hospital #1	72	13,738	494
Champ Goodwood Farms	73	13,843	498
University of Mo. Holstein Farm	73	14,051	545
Ernest Edgerton	74	10,119	526
Bierbaum Bros.	74	10,110	487
Delmon Marriott	75	14,245	499
L.R. & Wayne Whitehead	75	11,499	508
George W. Wright	75	13,385	501
J.H. Hubler	75	14,496	501
Wilmer Weston	75	14,410	523
Robertson Dairy	75	14,193	535
Sammy Wickstrom	75	13,099	481
Roy Clouse	75	14,512	500
Kirby Younes	75	15,042	510
Parker Registered Holstein Dairy	75	15,190	530
David O. Braun	75	14,403	525
Kenton Schwarz	75	14,712	543
Norman & Betty Williams	76	14,184	521
Joe V. Scherr	76	12,732	463
Bill Thessen	76	14,007	492
Ernest Cowherd	76	14,735	538
Duane Blodgett	76	14,664	525
Delmer Kentner	76	9,456	511

O-Rich Dairy	76	13,527	504
Keck Brothers Dairy	76	14,149	496
Gale Snow	76	14,358	516
H.J. & Terry Piepmeier	76	13,497	502
Fritz & Ken Nierman	76	13,635	508
Siemers Farms, Inc.	76	14,105	514
Robert Ramey	76	13,662	504
Glen Hancock	76	13,323	511
Palmer Farms Corp.	76	12,624	494

THE 500 CLUB

John D. and John H. Erp	61	11,973	551
C.A. Gilman	64	14,198	543
Cox & Davis	69	14,390	519
Robert & Eileen Longan	71	14,216	523
Karl B. Althage	71	14,207	511
Leonard Goodman	71	14,495	518
Francis Kessler	71	14,816	557
C.C. Tevis	71	14,254	522
Grimm Dairy Farm	71	14,884	558
Kluesner Bros., Inc.	72	10,251	556
John & Robert Bunge	73	14,619	542
Gilbert Wesselschmidt	73	14,081	531
Wilfred Dryer	73	15,290	559
Scott Carrender	74	15,424	557
Lester Witthaus	74	14,437	530
Dave Norman	75	14,607	540
Ron Edmondson	75	15,791	574
Nolan Meier	75	14,275	534
Ralph Ensign	75	15,203	559
Jerry Stine	75	14,774	544
Charles C. Knorr	76	14,385	543
Jerry F. French	76	14,575	540
Ernest Edgerton	76	11,319	567
C.M. Letsinger	76	14,233	555
Kenton Schwarz	76	15,318	571
Richard Lenz	76	15,088	557
Victor J. Voss	76	14,802	529
J. H. Hubler	76	14,533	507
L.R. & Wayne Whitehead	76	12,022	520

THE 550 CLUB

Lloyd C. Bacon	66	16,800	625
Albert Bos	67	16,079	586
Jack Herman	68	16,904	606
Joe King	67	15,641	587
S.U. Prichard Farm	71	14,989	591
High Ridge Dairy Farms, Inc.	75	15,895	571
Carl E. Kastendieck	75	13,064	610
Boyd Bros.	75	16,146	610
Hershell Letsinger	76	15,663	586
Tevis Farms	76	17,278	626
Ralph Ensign	76	15,551	575

THE 600 CLUB

Robert Thomson, Jr.	72	17,823	647
Albert Staiger	73	16,912	658
John & William Fick	74	17,418	639
Walter & Steven Staiger	75	18,539	692
O.F. & Gene Staiger	75	18,094	661
Lloyd C. & Ronald L. Bacon	76	17,183	636
James Watterson	76	17,794	676

CLASS LEADERS

The top two cows of each age group of each breed completing lactation records between May 1, 1975 and April 30, 1976 are listed below as Class Leaders. The all time class leader is also listed when the lactation record for an age class is held by a cow having completed her record during a prior year. All records for lactations are 305 days or less based on a twice a day milking. In the table shown below are the age at freshening which are fitted into each of the classes. In order for an animal to be listed in either the milk or butterfat class leader listing they would have to have a 305 2X mature equivalent of the milk or fat levels shown in the table below.

305 2X Mature Equivalent Requirements for Class Leaders		
Breed	Milk	Butterfat
Ayrshire	15,000	600
Guernsey	13,500	600
Brown Swiss	16,500	675
Holstein	20,000	750
Jersey	12,000	600
Milking Shorthorn	13,500	500
Goats	2,000	80

	Age at Freshening	Age
		Year Month
Senior yearling		1 - 11 or less
Junior 2 year old		2 - 0 to 2 - 05
Senior 2 year old		2 - 6 to 2 - 11
Junior 3 year old		3 - 0 to 3 - 05
Senior 3 year old		3 - 6 to 3 - 11
Junior 4 year old		4 - 0 to 4 - 05
Senior 4 year old		4 - 6 to 4 - 11
Mature Cow		5 - 0 to 13- 11
Grandma Cow		14 - 0 and over

Class Leaders For Milk						
Class	Cow's Index	Registration	Milk	Fat		Date
Herd No. and Owner	No. and Name	or Eartag No.	Lbs.	%	Lbs.	Fresh Age

AYRSHIRE

Junior Three Year Old

14-0061 Midway Dairy Farms 15 772494 15,260 4.3 652 1-10-74 3-00

Junior Four Year Old

38-0019 Keck Brothers Dairy 38 Jamie 43VKH5408 17,660 2.9 512 8-03-71 4-03  
75-9163 Jim Tindle 12 765273 15,960 3.6 568 8-30-74 4-02

Mature Cows

75-9163 Jim Tindle 10 737351 17,170 3.5 594 2-18-75 7-02  
75-9163 Jim Tindle 15 731115 17,110 4.2 713 6-02-75 7-06

BROWN SWISS

Senior Two Year Old

75-0155 Frank Artz 87 43VLT5155 16,810 3.8 644 1-23-72 2-11

Junior Three Year Old

20-0008 Harlan Hunziker 38 Marell 507696 18,460 4.3 800 4-18-70 3-04  
20-0008 Harlan Hunziker 63 V-2 588286 17,080 3.7 624 6-12-75 3-05

Senior Three Year Old

20-0008 Harlan Hunziker 47 Loamar 506835 19,230 3.8 722 1-27-70 3-07

Junior Four Year Old

20-0008 Harlan Hunziker 104 Chiefk 499294 23,330 4.0 943 2-24-70 4-01

Senior Four Year Old

20-0008 Harlan Hunziker 46 Bonnel 507699 24,730 4.0 993 4-28-71 4-06

Mature Cows

20-0008 Harlan Hunziker 28 Charty 482102 22,730 4.1 932 2-06-71 6-02  
20-0008 Harlan Hunziker 13 Ruthy 536477 20,830 3.6 756 3-02-75 6-02  
43-0050 Shrou Brothers 8G 43WAL9317 17,930 3.8 676 3-10-75 6-06

Class Herd No. and Owner	Cow's Index No. and Name	Registration or Eartag No.	Milk Lbs.	Fat		Date		
				%	Lbs.	Fresh	Age	
GUERNSEY								
<u>Senior Yearlings</u>								
19-0069	Frank Estes	54 Marie	2342440	15,760	4.8	757	3-14-66	1-07
<u>Junior Two Year Old</u>								
50-0002	William Davis	81 Lyndia	2343225	18,990	3.9	744	9-22-67	2-05
19-9050	Carl Kastendieck	131 Sara	2606300	14,210	4.7	664	1-11-75	2-05
58-0049	Carl Frankenbach	78	2618688	13,960	4.8	672	3-22-75	2-05
<u>Senior Two Year Old</u>								
50-0002	William Davis	90 Sharon	2329501	18,210	3.9	717	10-31-67	2-07
06-0041	Clem Lesmeister	Sadie	48WH00951	15,410	4.1	639	8-08-74	2-11
19-0069	Frank Estes	327 Cari	2637464	13,720	4.3	589	2-01-75	2-06
<u>Junior Three Year Old</u>								
19-9050	Carl Kastendieck	50 Sadie	2370429	18,620	4.6	862	4-05-69	3-01
50-0002	William Davis	Jancie	2594776	16,110	4.3	695	3-20-75	3-02
19-9050	Carl Kastendieck	Sue	2610853	15,470	4.5	701	1-28-75	3-00
<u>Senior Three Year Old</u>								
77-0013	N.E. Williams	83	2534854	18,420	4.7	871	1-29-74	3-11
58-0049	Carl Frankenbach	72	2564567	15,190	4.8	729	6-23-74	3-07
58-0049	Carl Frankenbach	102	2569481	13,920	5.0	692	9-24-74	3-06
<u>Junior Four Year Old</u>								
19-9050	Carl Kastendieck	36 Sandy	2217048	21,350	4.3	919	1-26-67	4-00
06-0041	Clem Lesmeister	Cindy	48WH00702	15,670	4.0	623	11-27-74	4-02
06-0041	Clem Lesmeister	Silky	2546448	15,470	5.0	772	10-03-74	4-04
<u>Senior Four Year Old</u>								
19-0069	Frank Estes	271 Elley	2469260	19,100	4.5	859	1-17-73	4-10
19-9050	Carl Kastendieck	106 Joy	2555988	14,920	4.6	689	5-16-75	4-08
58-0049	Carl Frankenbach	85	2551105	14,900	4.8	721	3-14-75	4-07
<u>Mature Cow</u>								
19-9050	Carl Kastendieck	36 Sandy	2217048	22,820	4.3	982	4-15-68	5-03
78-0014	Samuel Messer	Empres	2505287	19,340	4.3	824	5-23-75	5-10
19-9050	Carl Kastendieck	36 Sandy	2217048	17,600	3.9	680	10-03-74	11-08
HOLSTEIN								
<u>Junior Two Year Old</u>								
19-9018	Joe King	67	43WAD2141	23,000	3.6	836	12-07-64	2-03
35-9069	Robert Thomson, Jr.	Donna	8189388	20,680	3.4	709	11-06-74	2-02
31-0028	James Watterson	95	43VNU3406	20,660	4.0	830	9-05-74	2-01
<u>Senior Two Year Old</u>								
19-0064	Charles R. Little	103 Snoflk	5922959	26,610	3.7	973	4-26-66	2-09
22-9001	Lloyd Bacon	Stig	8288565	22,210	3.6	795	4-30-75	2-09
48-0091	Delbert Long	60	43WAP1515	22,090	3.5	777	3-11-75	2-11
<u>Junior Three Year Old</u>								
19-9018	Joe King	9 Alice	43VCY2240	26,470	3.3	868	11-05-67	3-00
52-0008	Boedeker Bros	398	43WAK4806	25,060	3.1	779	3-17-75	3-04
19-9074	O.F. & Gene Staiger	Princs	43VMS3746	22,860	4.0	912	10-23-74	3-05
<u>Senior Three Year Old</u>								
19-0064	Charles R. Little	99 Clem	6093657	30,031	3.3	980	4-02-66	3-07
75-0157	Lonnie Weatherly	115	43UNA3416	26,650	3.4	917	1-24-75	3-06
46-0025	James Fender	51 J	43WAI8441	23,850	3.4	819	9-29-74	3-11
<u>Junior Four Year Old</u>								
22-9001	Lloyd C. Bacon	83 Amy-T	5856254	27,920	3.6	996	11-28-66	4-00
22-9001	Lloyd Bacon	Elisei	8028307	25,330	3.5	882	11-18-74	4-03
48-0091	Delbert Long	46	43VMQ3577	23,500	2.4	571	9-26-74	4-00
<u>Senior Four Year Old</u>								
19-0064	Charles R. Little	100 Darlen	5936501	27,890	3.4	946	4-14-66	4-09
35-9069	Robert Thomson, Jr.	Elsie	7684182	26,670	3.9	1031	4-29-75	4-08
22-9001	Lloyd Bacon	18	7691891	26,250	3.1	824	2-19-75	4-11

Class Herd No. and Owner	Cow's Index No. and Name	Registration or Eartag No.	Milk Lbs.	Fat		Date	
				%	Lbs.	Fresh	Age
HOLSTEIN							
<u>Mature Cow</u>							
19-0064	Charles R. Little	19 R22	43VCY7522	32,080	3.3	1066	11-31-65 6-11
98-0069	Billy Clouse	53	43WAH9480	29,080	3.4	1000	1-22-75 6-07
35-9069	Robert Thomson, Jr.	Janet	6942890	28,700	3.2	910	1-02-75 7-04
<u>Grandma Cow</u>							
92-9002	School of the Ozarks	Lady	5319994	22,110	3.8	848	2-01-74 14-02
JERSEY							
<u>Senior Yearling</u>							
19-9075	Estes Homestead	29	43VCY4051	13,090	5.0	655	3-03-66 1-10
<u>Junior Two Year Old</u>							
04-9046	Masters	171 Sarah	2636932	15,070	4.6	700	1-13-68 2-05
81-0010	Kluesner Bros., Inc.	Liz	43WAK8477	12,520	5.1	639	3-09-75 2-05
97-0260	Virgil Young	Candy	2927879	12,510	4.3	543	4-09-75 2-01
<u>Senior Two Year Old</u>							
46-9029	Harlan Cochran	84 Prince	2581664	13,750	5.3	723	1-14-67 2-06
98-0013	Ernest Edgerton	184	43WAM8267	12,280	4.7	581	11-04-74 2-11
<u>Junior Three Year Old</u>							
46-9029	Harlan Cochran	183 Clover	2803189	14,070	5.5	777	2-26-73 3-05
44-0077	J.B. Kunkel	Mary	2888810	15,100	4.0	598	11-08-74 3-04
97-0260	Virgil Young	Alice	2891667	14,050	5.0	696	2-10-75 3-02
<u>Senior Three Year Old</u>							
04-9046	Masters	102 Heidi	2499341	16,870	5.1	868	7-25-66 3-06
14-9050	Leonard Adams	Marcie	2889871	13,000	4.3	558	4-16-75 3-08
14-0050	Leonard Adams	Tammy	2859507	12,130	4.3	520	1-08-75 3-11
<u>Junior Four Year Old</u>							
04-9046	Masters	148 Dana	2637762	19,330	4.3	836	12-26-68 4-05
81-0010	Kluesner Bros.	Sally	43WAK8421	15,050	5.3	794	3-07-75 4-02
46-0029	Harlan Cochran	Jerri	2844961	13,090	4.6	602	10-28-74 4-03
<u>Senior Four Year Old</u>							
04-0046	Masters	120 Secret	2500343	17,520	4.5	787	5-03-67 4-06
81-0010	Kluesner Bros.	Gussie	369000397	13,580	5.1	697	3-20-75 4-07
81-0010	Kluesner Bros.	Helen	43WAK8409	13,550	5.4	728	2-02-75 4-06
<u>Mature Cow</u>							
92-9003	School of the Ozarks	26	2388722	18,360	3.9	709	1-15-67 6-04
97-0260	Virgil Young	Norma	2828374	16,590	4.7	788	2-27-75 5-02
98-0013	Ernest Edgerton	Texas	43WAJ9563	15,400	4.9	760	12-18-74 6-02
MILKING SHORTHORN							
<u>Junior Two Year Old</u>							
49-0035	Orville Williams	5 5	43WAM5172	13,720	3.7	508	2-25-73 2-04
<u>Junior Three Year Old</u>							
35-9010	Lilydale Farm	155 Lucyk7	332554	15,440	3.6	552	6-15-70 3-00
<u>Senior Three Year Old</u>							
49-0035	Norman Williams	23	360001999	14,330	3.6	519	10-20-73 3-08
<u>Junior Four Year Old</u>							
49-0035	Norman Williams	13	347082	18,590	3.6	675	2-24-74 4-05
<u>Senior Four Year Old</u>							
49-0035	Norman Williams	24	360001999	16,130	3.3	532	10-26-74 4-08
49-0035	Norman Williams	8	347077	15,790	4.0	624	10-30-74 4-11
<u>Mature Cow</u>							
49-0035	Norman Williams	38	329742	18,590	3.1	583	10-29-73 7-09
19-9028	Sancrest Farms	Etta	338686	14,280	3.4	487	5-12-75 6-07
<u>Grandma Cow</u>							
49-0034	Norman Williams	49	269782	13,920	3.7	509	9-05-73 14-06
49-0035	Norman Williams	33	288301	13,790	3.8	520	3-01-75 15-00



Class Herd No. and Owner	Cow's Index No. and Name	Registration or Eartag No.	Milk Lbs.	Fat		Date Fresh	Age
				%	Lbs.		
DAIRY GOATS							
<u>Senior Yearling</u>							
85-9006 James Morrison	87 Nancy	17A187396	2,520	5.9	148	9-30-73	1-04
42-0047 Merry Meadows	6 Cornel	17T194519	2,440	3.6	87	2-10-75	1-10
<u>Junior Two Year Old</u>							
85-9006 James Morrison	82 Kabuki	17A175888	2,300	6.3	146	4-30-73	2-02
<u>Senior Two Year Old</u>							
42-0047 Merry Meadows	3 Suzan	17T185152	2,730	3.0	83	2-05-75	2-09
85-9006 James Morrison	87 Nancy	17A187396	2,610	5.4	141	3-31-75	2-10
<u>Junior Three Year Old</u>							
85-9006 James Morrison	6 Snsuey	17N155083	2,450	6.9	170	4-18-69	3-01
42-0047 Merry Meadows	17 Thea	17T185153	2,440	3.6	87	5-18-75	3-01
85-9006 James Morrison	85 Rowena	17N179884	2,170	5.3	115	3-06-75	3-02
<u>Senior Three Year Old</u>							
42-0047 Merry Meadows	1 Rika	17T174310	2,610	3.3	87	2-05-75	3-11
<u>Junior Four Year Old</u>							
85-9006 James Morrison	82 Kabuki	17A175888	2,320	5.6	130	3-08-75	4-01
<u>Senior Four Year Old</u>							
42-0047 Merry Meadows	5 Saskia	17T170326	2,530	3.3	84	2-02-75	4-09
<u>Mature</u>							
42-0047 Merry Meadows	4 Victor	17T165889	2,230	3.3	73	1-21-75	5-11

Class Leaders for Fat

The top two cows of each age group of each breed completing lactation records between May 1, 1975 and April 30, 1976 are listed below as class leaders for fat. All records are lactations of 305 days or less based on a twice a day milking. In order for cows to be listed under this listing they must meet the criteria listed in the explanation for class leaders for butterfat on page

Class Herd No. and Owner	Cow's Index No. and Name	Registration or Eartag No.	Milk Lbs.	Fat		Date Fresh	Age
				%	Lbs.		
AYRSHIRE							
<u>Senior Two Year Old</u>							
75-9163 Jim Tindle	26	780373	14,930	4.4	654	11-13-74	2-10
<u>Junior Three Year Old</u>							
14-0061 Midway Dairy Farms	15	772494	15,260	4.3	652	1-10-74	3-00
<u>Mature Cow</u>							
75-9163 Jim Tindle	15	731115	17,110	4.2	713	6-02-75	7-06
75-9163 Jim Tindle	2	728334	16,920	4.1	698	3-04-75	7-06
BROWN SWISS							
<u>Senior Two Year Old</u>							
20-0008 Harlan Hunziker	3	43WAI1090	16,000	4.3	680	10-10-69	2-09
<u>Junior Three Year Old</u>							
20-0008 Harlan Hunziker	38 Marell	507696	18,460	4.3	800	4-18-70	3-04
<u>Senior Three Year Old</u>							
20-0008 Harlan Hunziker	13 Ruthy	536477	18,420	4.1	763	11-16-72	3-10
<u>Junior Four Year Old</u>							
20-0008 Harlan Hunziker	104 Chiefk	499294	23,330	4.0	943	2-24-70	4-01
38-0019 Keck Brothers	24 Bernic	43VMY0352	16,020	4.5	724	7-01-74	4-00
64-9027 T.B. Hitchcock	37 Valery	556308	15,560	4.4	680	8-11-74	4-05
<u>Senior Four Year Old</u>							
28-0008 Harlan Hunziker	46 Bonnel	507699	24,730	4.0	993	4-28-71	4-06
70-0009 Chalmer Voelker	121 Ann	554591	16,360	4.2	690	11-21-74	4-09
<u>Mature Cow</u>							
20-0008 Harlan Hunziker	28 Charty	482102	22,730	4.1	932	2-06-71	6-02
20-0008 Harlan Hunziker	13 Ruthy	536477	20,830	3.6	756	3-02-75	6-02
22-9035 Ralph Ensign	29 Swiss	530024	17,880	3.9	701	10-17-74	6-08
GUERNSEY							
<u>Senior Yearling</u>							
19-0069 Frank Estes	54 Marie	2342440	15,760	4.8	757	3-14-66	1-07
58-0049 Carl Frankenbach	59	2633714	11,650	5.2	605	3-23-75	1-09
<u>Junior Two Year Old</u>							
19-9050 Carl Kastendieck	50 Sadie	2370429	17,760	4.4	790	3-31-68	2-01
58-0049 Carl Frankenbach	78	2618688	13,960	4.8	672	3-22-75	2-05
19-9050 Carl Kastendieck	131 Sara	2606300	14,210	4.7	664	1-11-75	2-05
<u>Senior Two Year Old</u>							
97-0072	80	2205899	16,210	4.6	753	2-18-66	2-10
58-0049 Carl Frankenbach	4	2598554	13,500	5.0	669	12-01-74	2-11
06-0041 Clem Lesmeister	Sadie	48WH00951	15,410	4.1	639	8-08-74	2-11
<u>Junior Three Year Old</u>							
19-9050 Carl Kastendieck	85 Ethyl	2510055	18,240	4.8	881	2-24-73	3-04
58-0049 Carl Frankenbach	99	2598556	15,400	4.7	717	3-30-75	3-03
19-9050 Carl Kastendieck	119 Sue	2610853	15,470	4.5	701	1-28-75	3-00
<u>Senior Three Year Old</u>							
77-0013 N.E. Williams	83	2534854	18,420	4.7	871	1-29-74	3-11
58-0049 Carl Frankenbach	62	2551106	13,730	5.3	731	7-25-74	3-11
58-0049 Carl Frankenbach	72	2564567	15,190	4.8	729	6-23-74	3-07

Class Herd No. and Owner	Cow's Index No. and Name	Registration or Eartag No.	Milk Lbs.	Fat		Date Fresh	Age
				%	Lbs.		
GUERNSEY							
<u>Junior Four Year Old</u>							
19-9050	Carl Kastendieck	36 Sandy	2217048	21,350	4.3	919	1-26-67 4-00
19-9050	Carl Kastendieck	97 Silky	2546448	15,470	5.0	772	10-03-74 4-04
58-0046	Marvin Fränkenbach	119 Desire	2566119	14,810	4.8	706	6-12-75 4-02
<u>Senior Four Year Old</u>							
19-0069	Frank Estes	271 Elley	2469260	19,100	4.5	859	1-17-73 4-10
81-0036	Bierbaum Bros.	55	43WAJ9822	12,680	5.8	739	7-14-74 4-08
58-0049	Carl Frankenbach	85	2551105	14,900	4.8	721	3-14-75 4 07
<u>Mature Cow</u>							
19-9050	Carl Kastendieck	36 Sandy	2217048	22,820	4.3	982	4-15-68 5-03
78-0014	Samuel Messer	78 Empres	2505287	19,340	4.3	824	5-23-75 5-10
58-0052	Wendell Keller	41	2479084	17 70	4.6	810	12-13-74 6-03
HOLSTEIN							
<u>Senior Yearling</u>							
10-0025	Wayne Weipert	22	43WAR3401	17,080	4.4	759	4-23-75 1-11
<u>Junior Two Year Old</u>							
19-9018	Joe King	67	43WAD2141	23,000	3.6	836	12-07-64 2-03
31-0028	James D. Watterson	95	43VNU3406	20,660	4.0	830	9-05-74 2-01
19-9074	O.F. & Gene Staiger	126 Mildre	43WA08311	19,780	4.2	828	8-30-74 2-01
<u>Senior Two Year Old</u>							
19-0064	Charles R. Little	103 Snoflk	5922959	26,610	3.7	973	4-26-66 2-09
19-9035	Albert Staiger	144 Pearl	8137699	20,820	3.9	805	10-07-74 2-07
22-9001	Lloyd Bacon	284	8288565	22,210	3.6	795	4-30-75 2-09
<u>Junior Three Year Old</u>							
31-0028	James Watterson	59	43VMD2910	23,000	4.2	973	2-20-72 3-05
19-9074	O.F. & Gene Staiger	113 Princs	43VMS3746	22,860	4.0	912	10-23-74 3-05
19-9074	O.F. & Gene Staiger	124 Bunny	8081912	21,380	4.2	902	4-26-75 3-01
<u>Senior Three Year Old</u>							
46-0009	Tevis Farms, Inc.	72	43WAJ3357	21,410	4.6	990	11-25-72 3-07
75-0157	Lonnie Weatherly	115	43UNA3416	26,650	3.4	917	1-24-75 3-06
19-0123	Charles R. Little	1	7800535	19,000	4.4	837	5-28-74 3-09
<u>Junior Four Year Old</u>							
35-9069	Robert Thomson, Jr.	119 Candy	7441369	24,490	4.4	1082	3-15-74 4-05
31-0027	Ray Watterson	52 Promis	43VMY1266	22,800	4.0	906	11-15-74 4-02
22-9001	Lloyd Bacon	239 Elisei	8028307	25,330	3.5	882	11-18-74 4-03
<u>Senior Four Year Old</u>							
12-9006	Sky-Go Farms, Inc.	575	5624561	26,160	4.5	1200	3-08-67 4-08
35-9069	Robert Thomson, Jr.	136 Elsie	7684182	26,670	3.9	1031	4-29-75 4-08
35-0189	Paul Sloan	54	43WAM4605	20,060	4.8	957	2-19-75 4-06
<u>Mature Cow</u>							
22-9001	Lloyd Bacon	2 Kay	6070394	31,980	3.8	1225	9-09-72 8-11
35-9069	Robert Thomson, Jr.	98 Robin	7067893	25,040	4.4	1103	4-12-75 7-01
35-0164	Rose Brothers	5 Slim	7109154	24,290	4.4	1062	6-12-74 5-10
<u>Grandma Cow</u>							
92-9002	School of Ozarks	838 Lady	5319994	22,110	3.8	848	2-01-75 14-02
JERSEY							
<u>Senior Yearling</u>							
19-9075	Estes Homestead	29	43VCY4051	13,090	5.0	655	3-03-66 1-10
<u>Junior Two Year Old</u>							
04-9046	Masters	164 Katink	2636931	14,180	5.0	708	11-05-67 2-03
81-0010	Kluesner Bros.	422 Martha	43WAK8470	12,480	5.2	651	2-05-75 2-05
81-0010	Kluesner Bros.	430 Pebble	43WAK8478	12,340	5.2	641	2-20-75 2-03
<u>Senior Two Year Old</u>							
46-9029	Harlan Cochran	84 Prince	2581664	13,750	5.3	723	1-14-67 2-06
05-0004	Delmer Kentner	174 Penny	2901293	11,560	6.0	692	1-01-75 2-11
05-0004	Delmer Kentner	13 Hush	2930824	11,880	5.7	677	1-12-75 2-07

Class	Cow's Index	Registration	Milk	Fat		Date	
Herd No. and Owner	No. and Name	or Eartag No.	Lbs.	%	Lbs.	Fresh	Age
JERSEY							
<u>Junior Three Year Old</u>							
46-9029	Harlan Cochran	183 Clover	2803189	14,070	5.5	777	2-26-73 3-05
58-0044	William Kaden	80	2867930	13,790	5.4	746	11-21-74 3-03
97-0260	Virgil Young	27 Alice	2891667	14,050	5.0	696	2-10-75 3-02
<u>Senior Three Year Old</u>							
04-9046	Masters	102 Heidi	2499341	16,870	5.1	868	7-25-66 3-06
58-0044	William Kaden	86	2867921	11,570	5.9	677	3-17-75 3-07
58-0044	William Kaden	95	2867928	10,510	5.9	616	1-05-75 3-06
<u>Junior Four Year Old</u>							
04-9046	Masters	148 Dana	2637762	19,330	4.3	836	12-26-68 4-05
81-0010	Kluesner Bros	370 Sally	43WAK8421	15,050	5.3	794	3-07-75 4-02
98-0013	Ernest Edgerton	187 Pecan	43XAU1217	12,870	5.4	692	11-12-74 4-01
<u>Senior Four Year Old</u>							
04-9046	Masters	102 Heidi	2499341	17,010	5.3	902	8-19-67 4-07
81-0010	Kluesner Bros.	358 Helen	43WAK8409	13,550	5.4	728	2-02-75 4-06
81-0010	Kluesner Bros.	361 Gussie	369000397	13,580	5.1	697	3-20-75 4-07
<u>Mature Cow</u>							
04-9041	Beckett Farms	43 Goldy	2217890	16,110	6.5	1041	5-01-66 8-07
97-0260	Virgil Young	1 Norma	2828374	16,590	4.7	788	2-27-75 5-02
98-0013	Ernest Edgerton	114 Texas	43WAJ9563	15,400	4.9	760	12-18-74 6-02
MILKING SHORTHORN							
<u>Junior Two Year Old</u>							
49-0035	Orville Williams	13	43WAL9679	13,450	3.9	524	12-20-72 2-00
<u>Senior Two Year Old</u>							
49-9035	Orville Williams	2	308820	12,770	4.0	512	4-18-66 2-11
<u>Junior Three Year Old</u>							
35-9010	Lilydale Farm	155 Lucyk7	332554	15,440	3.6	552	6-15-70 3-00
35-9036	Kindrick Bros.	201	356318	11,150	4.8	536	5-17-75 3-01
<u>Senior Three Year Old</u>							
49-0035	Norman Williams	8	293811	12,430	4.4	549	6-27-65 3-09
49-0035	Norman Williams	6	356585	13,040	3.9	512	11-02-74 3-08
<u>Junior Four Year Old</u>							
49-0035	Norman Williams	13	347082	18,590	3.6	675	2-24-74 4-05
<u>Senior Four Year Old</u>							
49-0035	Norman Williams	8	347077	15,790	4.0	624	10-30-74 4-11
49-0035	Norman Williams	43	350843	14780	3.7	541	2-03-75 4-08
<u>Mature Cow</u>							
49-0035	Norman Williams	33	288301	17,670	4.2	747	11-14-67 7-09
35-9036	Kindrick Bros.	126	370001888	13,080	4.0	517	5-14-75 6-08
50-0168	Gary Fulp	76	43WAM3896	12,710	4.1	516	5-26-75 11-05
<u>Grandma Cow</u>							
49-0035	Norman Williams	33	288301	13,790	3.8	520	3-01-75 15-00
DAIRY GOAT							
<u>Senior Yearling</u>							
85-9006	James Morrison	87 Nancy	17A187396	2,520	5.9	148	9-30-73 1-04
85-9006	James Morrison	91 Sucret	17N190133	1,830	5.5	100	3-06-75 1-11
42-0047	Merry Meadows	6 Cornel	17T194519	2,440	3.6	87	2-10-75 1-10
<u>Junior Two Year Old</u>							
85-9006	James Morrison	82 Kabuki	17A175888	2,300	6.3	146	4-30-73 2-02
<u>Senior Two Year Old</u>							
85-9006	James Morrison	87 Nancy	17A187396	2,610	5.4	141	3-31-75 2-10
42-0047	Merry Meadows	3 Suzan	17T185152	2,730	3.0	83	2-05-75 2-09
<u>Junior Three Year Old</u>							
85-9006	James Morrison	6 Snsuey	17N155083	2,450	6.9	170	4-18-69 3-01
85-9006	James Morrison	85 Rowena	17N179884	2,170	5.3	115	3-06-75 3-02
85-9006	James Morrison	86 Robeta	17N179885	1,720	5.4	93	3-04-75 3-02

Class		Cow's Index No. and Name	Registration or Eartag No.	Milk Lbs.	Fat		Date	
Herd No. and Owner	%				Lbs.	Fresh	Age	
DAIRY GOAT								
<u>Senior Three Year Old</u>								
85-9006	James Morrison	76 Robrta	17N160043	2,120	6.4	136	12-31-72	3-10
42-0047	Merry Meadows	1 Rika	17T174310	2,610	3.3	87	2-05-75	3-11
<u>Junior Four Year Old</u>								
85-9006	James Morrison	6 Snsuey	17N155083	1,990	6.8	136	5-03-70	4-02
85-9006	James Morrison	82 Kabuki	17A175888	2,320	5.6	130	3-08-75	4-01
<u>Senior Four Year Old</u>								
85-9006	James Morrison	2 Bessie	17N145382	1,510	5.9	89	2-20-68	4-10
42-0047	Merry Meadows	5 Saskia	17T170326	2,530	3.3	84	2-02-75	4-09
<u>Mature</u>								
85-9006	James Morrison	83 Trnket	17N157076	2,040	5.8	119	12-08-73	6-09

## HIGH HERDS

The ten highest herd averages for each breed are listed below. These averages are for the period of May 1, 1975 to April 30, 1976.

HIGH HERDS		Cow Years	Average lbs.	
Herd Code No.	Owner		Milk	Fat
<u>AYRSHIRE</u>				
75-9163	Jim Tindle	31.6	14,226	569
14-0061	Midway Dairy Farms	16.0	12,333	472
<u>BROWN SWISS</u>				
20-0008	Harlan Hunziker	105.5	13,939	536
70-9009	Chalmer Voelker	41.3	12,902	526
33-0042	Carl Brothers	76.9	12,622	514
70-0004	Joseph A. Moll	45.4	10,571	416
23-0037	Tom E. LePage	31.0	10,081	399
55-0020	Barry Ford	29.3	10,294	383
24-0032	Richard Lenz	4.9	10,350	370
82-9008	Raymond Haverland	48.2	9,780	358
31-0057	Walter Wittorff	43.0	7,994	314
75-9123	Joseph Hubbert	40.6	6,056	242
<u>GUERNSEY</u>				
58-0049	Carl-Robert Frankenbach	93.8	12,649	631
19-9050	Carl E. Kastendieck	35.2	12,776	605
58-0052	Wendell Keller	49.8	12,280	598
50-0002	William K. Davis	29.6	12,277	580
58-0046	Marvin Frankenbach	86.6	11,603	574
19-0070	C.W. Barnhart	57.5	12,266	569
33-0001	Francis Aholt	43.1	12,006	547
19-0003	Walter Brazeale	28.0	11,343	522
81-0036	Bierbaum Brothers	64.1	10,593	511
06-0041	Clem Lesmeister	52.3	11,887	493
<u>HOLSTEIN</u>				
19-9074	O.F. & Gene Staiger	37.2	21,226	808
22-9001	Lloyd C. Bacon	36.0	18,997	730
35-9069	Robert Thomson, Jr.	85.1	19,146	720
19-0048	Walter & Steven Staiger	19.8	18,755	707
31-0028	James D. Watterson	52.1	18,690	705
97-0031	Jack Herman	44.1	18,422	699
68-0002	John & William Fick	51.8	18,139	668
19-9035	Albert & John Staiger	46.7	17,389	664
91-0030	Ron Delong	29.2	19,506	652
19-0054	Albo Farm	30.5	17,962	647
<u>JERSEY</u>				
98-0013	Ernest Edgerton	24.4	12,389	617
58-0044	William Kaden	81.4	9,793	571
81-0010	Kluesner Bros. Inc.	48.1	10,722	561
05-9004	Delmer Kentner	83.6	9,644	522
97-0260	Virgil-Chris-Mark Young	25.8	10,405	517
14-9050	Leonard M. Adams & sons	43.0	12,042	511
46-0029	Harlan E. Cochran	65.3	10,138	511
19-9079	E.L. McCrosky & son	36.1	10,383	509
14-0051	Joe Kirchdoerfer	57.8	10,262	502
50-9166	Sycamore Jersey Farm	145.1	9,692	491
<u>MILKING SHORTHORN</u>				
35-9036	Kindrick Brothers	82.2	9,220	375
49-0035	Norman Williams	32.0	10,307	364
19-9028	Sancrest Farms	31.8	9,417	342
<u>MIXED</u>				
97-0069	L.R. & Wayne Whitehead	98.0	13,307	547
14-0021	Daisy Dairyland	89.3	13,711	516
66-0014	Edward Wiley	29.2	11,975	481
97-0273	Paul Wagler	36.0	12,380	467
06-0043	Donald R. Martin	61.8	12,376	449
93-0041	Bruce Wolfe	14.2	9,082	445
50-0074	Preston & Carolyn Cheek	38.9	11,507	441
06-0064	Otto Fleischer	53.7	11,647	415
98-0107	Tom White	40.2	9,776	367
78-0002	John F. Gutekunst, Jr.	34.3	9,180	364

## PRODUCTION EFFICIENCY WINNER

Dairymen can win the Efficient Dairy Production contest only one time and it is certainly a honor to receive this award. One of the winners of the Dairy Production Contest was Mr. & Mrs. Jerry Stine's dairy operation of Aurora, Missouri.

Their farm is located between Aurora and Marionville in Lawrence County. Their operation is a family operation as Jerry and Margo have two sons, Randy, age 13 and Ricky, age 9. In 1975 the rolling herd average on the Stine dairy operation was 15,526 pounds of milk and 585 pounds of fat on 60 Holstein cows. This is 1,500 pounds of milk and 70 pounds of fat more per cow than they were getting four years ago. The Stines not only increased milk production per cow but also expanded their herd size 21 cows since 1971.

The Stines have sold more than 800,000 pounds of milk per year and have a selection differential that averages +286 pounds of milk per year since 1972.

The Stines have an outstanding breeding program using AI plus predicted sires as is revealed in their sire average for milk which September 1, 1975 was +363 pounds of milk and +10 pounds of fat. They added 23 heifers to their dairy herd last year, 17 of which they had raised.

As of April, 1975, they had a feed cost per hundred pounds of milk of \$4.32 and an income above feed cost of \$521.98 per cow.

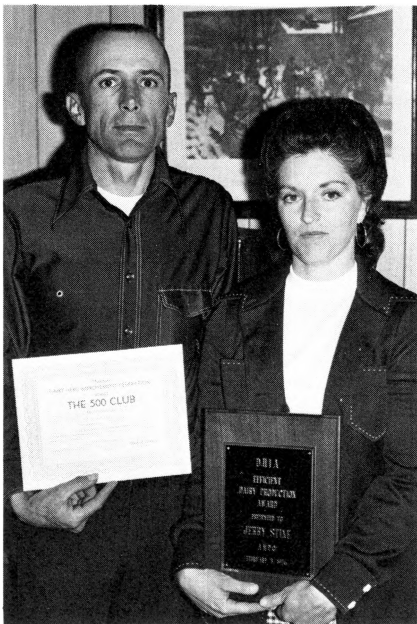
They have 30 acres of row crop, they produce 75 acres of hay and have 100 acres of permanent pasture.

The Stines had a goal of having 60 cows that would produce 16,000 pounds of milk and 600 pounds of fat. In January 1976 they actually reached this goal.

Mrs. Stine (Margo) has the responsibility of raising calves and hasn't lost a calf from birth to weaning in the past several years.

The entire Stine family is extremely involved in the dairy operation. The family is also active in Extension, 4-H activities, Missouri Holstein-Friesian Association and they enjoy showing their fine herd at local, state and regional dairy shows.

This is a remarkable and efficient dairy operation and our congratulations go to the Jerry Stine dairy operation on behalf of the Association of Missouri Dairy Organization Award Fund program and the Missouri DHI Federation whose contributions have made this award possible.



## PRODUCTION EFFICIENCY WINNER

Mr. and Mrs. Gale and Shirley Snow family were also recipients of the Efficient Production Award. The Snow's dairy operation is located in Hickory County near Weaubleau, Missouri.

The Snow's operation is a family operation as their son, Danny, is a partner in the 72 Holstein cow herd.

Last year they had a rolling herd average of 15,357 pounds of milk and 546 pounds of fat per cow. This is an increase of 20 cows from what they were milking five years ago and an increase of 2,000 pounds of milk and 50 pounds of fat per cow. This increase in milk production demonstrates the progress that this herd has made in efficient production of dairy products.

The Snow dairy operation has sold more than a million pounds of milk during the last year and had an average of +216 pounds of milk selection differential over the past five years.

Ninety-five percent of the herd is bred artificially and high predicted difference sires are selected for milk and fat. Their sire average for milk and fat as of September 1, 1975 was +550 pounds of milk and +11 pounds of fat per cow.

They added 19 heifers to their herd last year raising 17 of them. They had a feeding index of 108 and their feed cost on a rolling herd basis averaged \$3.45 per hundred with an income above feed cost per cow of \$644.46.

They operate 350 acres, 50 of which is in row crop, 100 acres of hay and 200 acres of permanent pasture.

One of their goals has been to produce and utilize quality hay, silage and pasture. All of the roughage is produced on the farm and grain is purchased. For the last two seasons they have utilized almost a pure stand of ladino-clover for pasture. Grazing this last fall the milking herd peaked at 58 pounds of milk per cow per day with one individual producing 98½ pounds on only 17 pounds of grain in addition to the pasture.

The Snow family are all active members in the First Baptist Church of Weaubleau, and have been active in Extension programs, DHIA Board and Mid-America Dairymen, Inc. They have two children, Danny, a partner in the operation and Mrs. Nancy Johnson, a senior at Southwest Baptist College at Bolivar.

Pictured below is Dean Schell Bodenhamer presenting the Efficient Production Dairy Award sponsored by the Association of Missouri Dairy Organizations Dairy Awards Fund Program and the Missouri DHI Federation to Gale and Shirley Snow. Our congratulations go to this excellent dairy operation.





## SUPERVISOR EFFICIENCY AWARDS

Supervisor Efficiency Awards were presented to various supervisors and these awards are based on how well they perform their jobs. The top two supervisors were presented a plaque and a check for \$60 and these awards went to:

Mr. Ted Hallam of the Tri-County DHI Association, Eldorado Springs, Missouri and to Mr. Dennis Jones, DHI Supervisor, formally testing in the Missouri Valley DHI Association now testing in the Polk County DHI Association.

Mr. Donald Slack, DHI Supervisor of Franklin County DHI Association, Washington, Missouri was winner of the third place award receiving a check for \$55. This is an extremely high placing in the Supervisor Efficiency Contest since Don was working under a 20 point penalty due to the fine job he had done last year being one of the top two winners.

The fourth place winner went to Mr. and Mrs. Martin Johansen, Pettis County DHI Association and they received a check for \$45.

Fifth place and a check for \$35 went to Mr. Dean Fleharty, DHI Supervisor in the Lafayette County DHI Association. Dean is presently testing 16 official DHI herds and 9 owner-samplers.

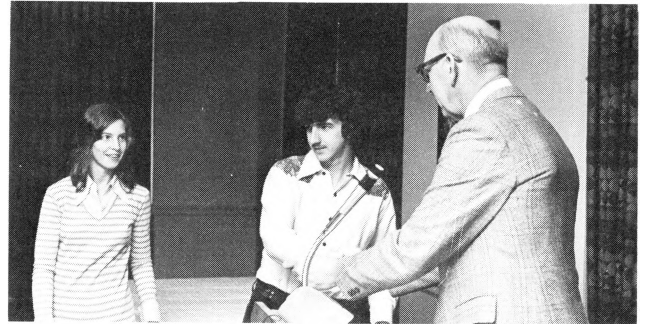
Sixth place and a check for \$25 went to Mr. John Veit, DHI Supervisor for the Cole County DHI Association. John lives in Jefferson City, Missouri and is testing 16 official herds and 2 owner-samplers.

Seventh place award and a check for \$20 went to Mr. E.L. McCauley, DHI Supervisor for the Cass County DHI Association. Mr. McCauley resides at Butler, Missouri.

Our congratulations go to the DHI Supervisors receiving awards and recognition which were provided by the Association of Missouri Dairy Organizations' Dairy Awards Fund program and the Missouri DHI Federation.



Professor Fred Meinershagen of the Univ. of Mo. presents Mr. & Mrs. Ted Hallam a plaque and a check for \$60 for being one of the two outstanding supervisors in the state.



Professor Fred Meinershagen of the Univ. of Mo. presents Mr. & Mrs. Dennis Jones a plaque and a check for \$60 for being one of the two outstanding supervisors in the state.



Mr. Robert Gallivan, Secretary-Treasurer of the Mo. DHI Federation presents Dean Elmer Kiehl, DHI Supervisor for Lafayette County DHI Association, a length of service award for being DHI Supervisor for 10 years and also a check for \$35 for fifth place in the DHI Supervisor Efficiency contest.



Dean Elmer Kiehl of the Univ. of Mo. College of Agriculture, presents Marvin Sprick, President of the Mo. DHI Fed., a Bicentennial Recognition for the contribution that the Mo. DHI Federation has made to Agriculture in Missouri.



Dr. Allen Garverick, Univ. of Mo., presents a Class Leader certificate to Miss Edith Head, Head Jersey Farm, Aurora, MO., for the Senior 3 year old class leading animal for milk.



Dr. Allen Garverick, Univ. of Mo., presents Billy Clouse of Mansfield, Mo., certificate for Class Leader in Holstein Senior 3 year old class for fat.



Dr. John Campbell, Univ. of Mo., presents Mr. & Mrs. Ralph Ensign of Cameron, Mo., a 500 pound Fat certificate for being in the 500 Pound Butterfat Club.



Dr. John Campbell, Univ. of Mo., presents Roy Clouse of Mansfield, Mo. a 450 pound butterfat club certificate for being in the 450 Pound Butterfat Club.



Dr. John Campbell, Univ. of Mo., presents Darrel Robertson of Robertson Dairy, Lamar, MO., with a 450 pound butterfat club certificate



Dr. John Campbell, Univ. of Mo., presents a 450 pound butterfat club certificate to Mr. Kenton Schwarz of Gower, MO.

SUPERVISOR LENGTH OF SERVICE

The Association of Missouri Dairy Organizations recognizes the importance of the DHI Supervisor by purchasing length of service awards. An award was presented to Jeanne Malcolm for thirty years of service. Also, a ten year award was presented to Dean Fleharty. In addition, they assisted with the Annual DHI Federation meeting by purchasing the meal for all supervisors.

Supervisor	Years of Service	Association
Miss Jeanne Malcolm	30	Texas
Dale Tope	25	St. Charles
Don Slack	21	Franklin
C.A. Hunter	18	Christian
E.L. McCauley	14	Cass
Gail Shipley	13	Grand River
Carl Todt	11	Southeast
Dean Fleharty	10	Lafayette
Mr. & Mrs. Ted Hallam	9	Tri-County
Mrs. Earl Nelsen	9	Webster
Jim Wilkerson	9	Lawrence
Dean Bunch	6	Northeast
Rex Decker	4	Morgan
Clark Hendrickson	4	Polk
Althea Elfrink	4	St. Francois
Byrl Goforth	3	Andrew-Buch.-Nod.
Tom Hutchens	3	Barry
Arthur Tedlock	3	Dallas
D. H. Blanton	3	Harrison
Melvin Brandt	3	Osage
John Veit	2	Cole
Mark Croucher	2	Green Hills
Tony Colombe	2	Jasper-Barton
Loren Campbell	2	Johnson
Ernie Barker	2	Laclede
Gary Dobbelare	2	Perry
Don Huff	2	S.W.T.C.
Wesley Winslow	2	Sparta-Clever
Dennis Jones	1	Polk
Phyllis Church	1	Four County
Mike Rhodes	1	Douglas
Dave Stump	1	Green Hills
Ray Lindwedel	1	Jefferson
Jesse Jones	1	Newton-McDonald
Mr. & Mrs. Martin Johansen	1	Pettis
Norman Wright	1	Salt River
Gail Todd	1	Wright
Ed Williams, Jr.	1	Wright

Less Than One Year Service

Henry Winegar	Interstate
Benny Rector	Missouri Valley
Russell Argall	Tri-County
Dennis Russell	Tri-County
Alfred Lucignani	Douglas
Tom Sorrels	Howell
Charles Robb	Sparta-Clever
Harry Edward Jennings	Seymour

HERD RECORDS BY COUNTY

This section consists of a listing of official herds in each county whose production equals or is above the average for the state of Missouri (12,728 milk; or 472 fat). Herds are indicated by herd code and owner's name. Breeds are designated as follows:

1	Ayrshire	4	Jersey	7	Red Dane
2	Guernsey	5	Brown Swiss	8	Other, Mixed or Undesignated
3	Holstein	6	Milking Shorthorn	9	Red Poll

County and Herd Code	Owner	Breed	Number of Cows	Average		
				Milk	%	Fat
00-0001	Gene Ripley	3	45.10	13,078	3.8	494
00-0005	Charles C. Knorr	3	100.41	14,874	3.7	551
<u>ANDREW-02</u>						
02-9015	Donald Hegeman	3	89.50	13,965	4.0	557
02-0023	Doyle G. Wertenberger	3	65.83	14,203	3.6	516
02-0029	Nelson Kapp	3	88.05	14,217	3.7	520
02-0036	Ronald-Larry Schneider	3	131.63	13,404	3.7	496
02-0045	Ronald Bunse	3	76.30	13,014	3.7	480
<u>BARRY-04</u>						
04-0002	Nolan Meier	3	79.10	14,269	3.9	557
04-9004	Ernest Cowherd	3	81.99	15,686	3.8	589
04-0040	Larry Purdom	3	63.04	15,067	3.4	533
04-0052	Ronald Edmondson	3	77.76	15,765	3.6	574
04-0058	Wilmer D. Weston	3	67.32	15,266	3.8	574
04-0062	Frank W. Kennedy	3	38.76	12,830	3.4	431
04-0069	D.A. Bowman	3	54.10	13,708	3.4	478
04-0073	Allen Keeling	3	62.83	13,425	3.7	496
04-0082	Clinton Metcalf & son	3	66.34	13,901	3.5	481
04-0084	Rex Henderson	3	39.26	15,290	3.5	531
<u>BARTON-05</u>						
05-9004	Delmer Kentner	4	83.53	9,644	5.4	522
05-0005	Robertson Dairy	3	193.34	14,641	3.5	514
<u>BATES-06</u>						
06-9025	Steele and King	3	174.46	14,395	3.6	521
06-0026	Board Brothers	3	75.92	13,570	3.4	463
06-0029	Richard Buterbaugh	3	40.11	13,174	3.6	478
06-0036	Swickhamer Brothers	3	58.99	14,080	3.5	487
06-0041	Clem Lesmeister	2	52.20	11,887	4.1	493
06-0042	H.J. & Terry Piepmeier	3	57.21	13,823	3.6	494
06-0058	Jim Lincoln	3	44.46	13,192	3.5	468
<u>BENTON-07</u>						
07-0021	French Farm	3	51.64	13,704	3.6	493
07-0026	C.C. Gerken	3	26.22	13,966	3.7	511
<u>BOONE-09</u>						
09-9006	University of MO.	3	153.93	14,039	3.7	523
<u>BUCHANAN-10</u>						
10-0025	Wayne Weipert	3	22.21	16,866	3.7	620
<u>CALLAWAY-12</u>						
12-0001	Harlan Borman	3	89.52	16,019	3.4	563
12-0007	State Hospital No. 1	3	161.53	14,719	3.7	550
<u>CAPE GIRARDEAU-14</u>						
14-9002	Mrs. Sam Collins	4	25.90	9,687	4.9	476
14-9014	S.E. Mo. University	3	45.19	14,866	3.3	493
14-0021	Daisy Dairyland	8	89.28	13,711	3.8	516
14-0030	Charles Engelhart	3	39.38	13,672	3.5	484
14-0037	Harvey Nischwitz	3	44.87	15,220	3.7	560
14-0038	Shawnee Farms	2	71.78	10,216	4.7	478
14-0046	James Dairy Farm	3	119.04	14,730	3.8	553

County and Herd Code	Owner	Breed	Number of Cows	Average		
				Milk	%	Fat
<u>CAPE GIRARDEAU-14 (continued)</u>						
14-0048	Siemers Farms Inc.	3	96.75	15,132	3.7	555
14-9050	Leonard M. Adams & sons	4	42.99	12,042	4.2	511
14-0051	Joe Kirchoerfer	4	57.72	10,262	4.9	502
14-0059	Midway Dairy Farms	3	132.22	14,300	3.7	534
14-0061	Midway Dairy Farms	1	15.99	12,333	3.8	472
<u>CASS-16</u>						
16-0030	John H. Kohler, Jr.	3	163.15	13,957	3.6	502
16-0033	Glenn Myers	3	41.76	13,681	3.3	453
16-0042	Harold S. Purvis	3	87.09	13,137	3.8	495
16-9051	Charles R. Moreland	3	77.13	14,285	3.6	516
16-0052	Neil G. Kohler	3	121.34	13,861	3.6	505
16-0058	Yoder Brothers Dairy	3	73.49	12,921	3.5	452
16-0060	Urson Logue, Jr.	3	74.95	14,235	3.6	506
16-0061	Paul Grinter	3	34.60	14,000	3.6	506
16-0066	John P. Kohler	3	83.52	14,957	3.6	546
<u>CEDAR-17</u>						
17-0021	Hoovers Dairy Inc.	3	135.80	13,545	3.5	477
<u>CHRISTIAN-19</u>						
19-0003	Walter Brazeale	2	27.93	11,343	4.6	522
19-9018	Joe King	3	108.83	15,222	3.9	598
19-9035	Albert & John Staiger	3	46.64	17,389	3.8	664
19-0048	Walter & Steven Staiger	3	19.76	18,755	3.8	707
19-9050	Carl E. Kastendieck	2	35.19	12,776	4.7	605
19-0054	Albo Farm	3	30.42	17,962	3.6	647
19-0062	Ivan Hedgpeth	3	51.75	15,380	3.5	535
19-0063	Otis Messenger	3	77.64	14,570	3.7	539
19-0070	C.W. Barnhart	2	57.41	12,266	4.6	569
19-0073	Ray Gene Sims	3	49.11	14,317	3.7	535
19-9074	O.F. & Gene Staiger	3	37.12	21,226	3.8	808
19-0077	George W. Wright	3	69.80	13,168	3.9	508
19-9079	E.L. McCrosky & son	4	36.06	10,383	4.9	509
19-0080	Joe Peebles	3	61.82	14,489	3.6	523
19-9090	Lor-Ed Farm	4	17.31	9,399	5.1	478
19-0103	Shelby Hill	3	65.57	14,545	3.6	530
19-0115	Elmer Spree	3	30.87	13,984	3.5	490
19-0118	Harold Hartly	3	81.33	13,365	3.4	450
19-0120	Paul Hull	3	30.86	13,529	3.4	466
19-0122	Peggy Hays	3	37.49	13,932	3.6	501
19-9125	Marilyn Forgey	4	28.92	9,882	4.9	483
19-0126	Ronnie Willoughby	3	28.79	15,005	3.6	542
<u>CLARK-20</u>						
20-9007	Howard-Harold Kirchner	3	37.75	13,359	3.8	505
20-0008	Harlan Hunziker	5	105.42	13,939	3.8	536
<u>CLINTON-22</u>						
22-9001	Lloyd C. Bacon	3	35.90	18,997	3.8	730
22-0030	Jack Groom	3	56.56	14,653	3.8	552
22-0034	Kenton Schwarz	3	64.73	16,377	3.8	629
22-9035	Ralph L. Ensign	3	69.49	15,386	3.9	598
22-0040	Greaves Dairy Farm	3	119.14	15,646	3.7	580
22-0046	Fortner Farms	3	39.50	14,970	3.6	543
<u>COLE-23</u>						
23-9013	Vanderfeltz Dairy	3	66.32	15,136	3.7	565
23-0018	Vincent F. Hoelscher	3	46.27	15,574	3.7	574
23-0033	Robert Cassmeyer	3	53.17	15,144	3.6	539
23-0035	William J. Thessen	3	47.62	13,286	3.5	465
23-0036	David O. Braun	3	79.69	14,592	3.5	505
23-0039	Scott Carrender	3	60.67	16,603	3.5	583
<u>COOPER-24</u>						
24-9027	Richard Lenz	3	113.54	15,432	3.5	545
24-0030	Kenneth & Gail Lenz	3	65.22	14,922	3.5	530
24-0031	Paul & Jessie Birdsong	3	40.15	13,059	3.7	481
24-0034	Tony Isle Farm Inc.	3	106.68	12,798	3.5	448

County and Herd Code	Owner	Breed	Number of Cows	Average		
				Milk	%	Fat
<u>DADE-26</u>						
26-0015	William L. Crutcher	3	50.26	13,896	3.4	469
26-0020	Larry W. & Judy McGuire	3	38.24	13,640	3.3	453
<u>DALLAS-27</u>						
27-0076	William C. Nimmo	3	41.71	13,623	3.5	478
27-9083	Con Sharp & sons	3	44.08	14,254	3.1	444
27-0113	Dwight Mathews	3	43.84	15,363	3.1	473
<u>DAVIESS-28</u>						
28-0011	Clarence Clark	3	65.13	12,211	3.9	474
<u>DEKALB-29</u>						
29-0024	John J. Donovan	3	39.27	13,924	3.7	514
29-0025	Duane Blodgett	3	20.23	13,915	3.6	502
<u>DOUGLAS-31</u>						
31-0020	Hershell Letsinger	3	51.14	16,766	3.8	645
31-0021	C.M. Letsinger	3	53.18	15,950	3.8	607
31-0028	James D. Watterson	3	52.00	18,690	3.8	705
31-0033	Leo Thompson	3	54.03	14,207	3.5	493
31-0040	Roland R. Kane	3	47.51	14,494	3.6	526
31-0045	Bob Watterson	3	55.31	16,328	3.6	592
31-0046	Louis Gillespie	3	64.32	13,347	3.5	465
31-0047	John Hart	3	62.11	12,764	3.7	473
<u>FRANKLIN-33</u>						
33-0001	Francis Aholt	2	43.02	12,006	4.6	547
33-9020	Karl B. Althage	3	100.98	14,737	3.8	553
33-0022	S.U. Prichard Farm	3	63.58	16,073	3.6	587
33-0025	Haventon Farms	3	87.52	14,031	3.6	506
33-9027	Wilfred Dryer	3	54.84	15,140	3.6	545
33-0034	High Ridge Dairy Farms	3	55.43	17,072	3.6	618
33-0035	Grimm Dairy Farm	3	101.77	13,264	3.8	500
33-0040	Gilbert Wesselschmidt	3	61.95	13,643	3.9	537
33-9041	John L. & Robert Bunge	3	62.19	13,230	3.8	506
33-0042	Carl Brothers	5	76.82	12,622	4.1	514
33-0047	Victor Voss	3	46.17	14,793	3.6	535
33-0048	Roy W. Koch	3	32.30	12,752	3.7	473
33-0055	Purina Research Farm Dairy	3	156.78	13,900	3.3	452
<u>GREENE-35</u>						
35-9023	J.F. French	3	62.16	14,741	3.8	567
35-9065	Robert C. & George Quinn	3	33.79	16,854	3.6	610
35-9069	Robert Thomson, Jr.	3	85.09	19,146	3.8	720
35-0109	Cox and Davis	3	167.32	15,142	3.7	566
35-0160	Glen Hancock	3	69.36	13,979	3.8	528
35-0164	Rose Brothers	3	73.70	14,929	3.9	578
35-0180	James P. & James D. Quinn	3	24.86	15,543	3.6	562
35-9182	Hancock & Silverthorn	3	42.29	13,753	3.7	505
35-0184	G. James McLean	3	24.10	13,490	3.9	526
35-0189	Paul E. Sloan	3	42.42	18,373	3.5	640
<u>GRUNDY-36</u>						
36-0004	John H. Erp	3	33.11	14,805	3.9	575
36-0008	Carl F. Parker	3	62.42	16,064	3.6	574
36-0038	J.W. Kilburn	3	48.68	15,551	3.5	548
36-0057	William B. Siebenborn	3	52.06	13,548	3.6	490
<u>HARRISON-37</u>						
37-0045	Irl G. Slaughter	3	35.02	14,495	3.5	500
<u>HENRY-38</u>						
38-0019	Keck Brothers Dairy	3	64.15	13,771	3.4	466
<u>HICKORY-39</u>						
39-0024	Gale G. Snow	3	76.65	15,468	3.5	543
39-0025	Gerald Vanderford	3	204.44	12,751	3.7	469

County and Herd Code	Owner	Breed	Number of Cows	Average		
				Milk	%	Fat
<u>HOWELL-42</u>						
42-0044	John E. Osborn	3	60.14	14,115	3.7	527
<u>JACKSON-43</u>						
43-9005	Stanley E. Curtis	3	51.42	12,744	3.3	426
43-0047	Don O. Elefson	3	85.73	13,574	3.3	448
43-0050	Shrout Brothers Dairy	3	420.55	14,583	3.8	551
<u>JASPER-44</u>						
44-0051	Jerry Weldy	3	113.79	14,048	3.6	505
44-0061	J.H. Hubler	3	42.53	14,390	3.6	522
44-0072	Sammy Wickstrom	3	68.90	13,193	3.6	470
<u>JEFFERSON-45</u>						
45-0006	Victor & Erna Martin	3	61.31	13,096	3.4	452
45-0037	Jack Keisker	3	22.45	14,984	3.6	533
<u>JOHNSON-46</u>						
46-0006	Briscoe & Son Farm Inc.	3	53.11	14,519	3.6	525
46-0009	Tevis Farms Inc	3	48.25	17,494	3.6	630
46-0022	Joe Groom	3	59.01	14,513	3.6	517
46-0025	James H. Fender	3	41.87	15,722	3.3	518
46-0026	Joe Burden	3	80.55	12,759	3.6	455
46-0029	Harlan E. Cochran	4	65.26	10,138	5.0	511
46-0032	Kenyon Snow	3	49.30	14,148	3.6	509
46-0044	Leland J. Stowell	3	44.96	14,148	3.3	471
46-9047	Jerry L. Parrott	2	80.87	9,848	4.9	479
46-0067	Roger F. & Linda F. Lowe	3	38.35	15,293	3.6	550
<u>LACLEDE-48</u>						
48-0057	Ronald Dean Young	3	61.39	13,256	3.7	487
48-0078	W.C. Hoffman	3	66.23	13,003	3.7	480
48-0083	Corrys Farm	2	43.14	10,475	4.5	472
48-0086	Jerry Stenson	3	45.39	13,772	3.6	492
48-0087	Elam Dairy	3	103.20	13,424	3.4	456
48-0088	Delbert L. Feeney	3	55.54	12,780	3.6	465
48-0091	Delbert H. Long	3	67.22	14,814	3.5	514
48-0092	John B. Mathews	3	69.03	14,891	3.4	507
<u>LAFAYETTE-49</u>						
49-9028	C.W. Hook	3	26.99	13,197	3.4	452
49-9039	Elvyn E. Verdught	3	53.70	14,415	3.3	481
49-9045	Fritz and Ken Nierman	3	99.29	13,204	3.7	491
49-9051	Norman and Betty Williams	3	50.06	14,165	3.5	494
49-9056	Robert Ramey	3	62.93	14,198	3.5	494
49-9059	Elbert Kuecker	3	40.44	13,509	3.6	486
49-9070	Kenneth Branson	3	11.42	13,870	3.5	487
49-9082	Roger F. & Lynda F. Rowe	3	35.42	15,505	3.6	557
<u>LAWRENCE-50</u>						
50-0002	William K. Davis	2	29.51	12,277	4.7	580
50-0007	Dale Spencer	3	46.24	13,698	3.7	501
50-0065	Reno G. Krueger	3	130.68	13,632	3.7	498
50-0081	Jerry Stine	3	47.10	16,378	3.7	613
50-0151	Kenneth Stone	3	105.36	14,920	3.9	588
50-0156	John A. Berry	3	158.47	13,630	3.8	524
50-0158	Richard Ray	3	50.78	16,130	3.4	546
50-0162	Hershel Worm	3	68.28	13,789	4.1	560
50-9166	Sycamore Jersey Farm	4	145.04	9,692	5.1	491
50-0168	Gary Fulp	3	74.97	12,465	3.8	477
50-0170	Jule Dotson	3	43.48	16,594	3.7	604
50-0171	Ray P. Taylor	3	86.10	12,958	3.9	510
50-0172	Max Blisard	3	44.37	13,973	3.6	506
50-0173	Jack E. Gilmartin	3	88.56	13,072	3.8	495
50-0179	Glen Hilton	3	33.17	13,437	3.5	469
<u>LINCOLN-52</u>						
52-0005	Palmer Farms	3	136.99	14,093	3.9	547
52-0006	Champ Goodwood Farms	3	163.68	14,203	3.6	511
52-0008	Boedeker Brothers	3	158.22	14,799	3.5	517

County and Herd Code	Owner	Breed	Number of Cows	Average		
				Milk	%	Fat
<u>LIVINGSTON-53</u>						
53-0018	Floyd Spainhour & sons	3	94.70	13,601	3.4	461
<u>MACON-55</u>						
55-0019	W. Ronald Dye	3	45.08	14,166	3.6	503
<u>MARION-58</u>						
58-0024	Donald P. Atkins	3	61.02	14,587	3.6	520
58-0044	William Kaden	4	81.30	9,793	5.8	571
58-0045	Earl Meyer	3	32.01	15,027	3.6	540
58-0046	Marvin Frankenbach	2	86.59	11,603	4.9	574
58-0047	Brinkmeier and Hudson	3	69.53	13,903	3.7	512
58-0049	Carl-Robert Frankenbach	2	93.78	12,649	5.0	631
58-0052	Wendell Keller	2	49.74	12,280	4.9	598
<u>MONITEAU-61</u>						
61-0025	Floyd Koehn	3	57.71	13,720	3.2	442
<u>MORGAN-64</u>						
64-0026	Delmon Marriott	3	13.00	13,946	3.5	483
<u>NEWTON-65</u>						
65-0017	C.A. Gilman	3	126.77	15,849	3.6	576
65-0042	Leonard J. Goodman	3	102.10	13,743	3.9	543
65-0048	R.E. Thomlinson	3	190.90	12,472	3.9	487
65-0058	Stipp Dairy Farm	3	80.42	14,915	3.6	541
<u>NODAWAY-66</u>						
66-0014	Edward Wiley	8	29.17	11,975	4.0	481
66-0023	Northwest Mo. State College	3	65.00	17,865	3.3	594
66-0024	Don Adwell	3	59.56	14,800	3.4	502
66-0026	Kirby Hanson	3	45.61	14,940	3.5	519
66-0027	Jack & Edith Lyle	3	41.62	13,136	3.3	436
66-0028	Alan & Delma Goodspeed	3	23.70	14,021	3.7	525
<u>OREGON-67</u>						
67-0002	Dave W. Norman	3	29.82	16,536	3.7	618
67-0019	Richard D. Morgan	3	52.31	16,834	3.6	607
67-0020	Coats and Coats Farm	3	79.02	14,808	3.4	502
<u>OSAGE-68</u>						
68-0002	John & William Fick	3	51.75	18,139	3.7	668
68-0005	Walter F. Rehagen	3	70.12	13,739	3.6	501
68-0015	Alex Reinkemeyer	3	55.43	14,001	3.9	540
68-0037	Luecke and Stegeman	3	69.10	14,216	3.6	510
<u>PERRY-70</u>						
70-9009	Chalmer Voelker	5	41.28	12,902	4.1	526
70-0010	Jo-Ke-Mo Dairy	3	31.99	16,355	3.5	574
70-0017	Elton V. Koch	3	44.82	14,643	3.6	523
70-0018	Palmer Fritsche	3	83.39	14,748	3.6	524
70-0020	Herbert A. Kramer	3	59.64	15,656	3.4	529
70-0021	Leonard Palisch	3	37.97	13,237	3.6	474
70-0022	Wachters Dairy Farm	3	96.84	14,057	3.5	491
70-0026	Hoehn Dairy Farm	3	114.64	13,214	3.6	477
<u>PETTIS-71</u>						
71-0007	Robert N. & E.P. Longan	3	74.56	13,867	3.7	516
71-0026	O-Rich Dairy	3	74.22	14,019	3.8	527
71-0030	Paul E. Davis	3	105.04	14,222	3.5	493
71-0038	Harold Goosen	3	37.90	13,003	3.5	449
<u>PLATTE-74</u>						
74-0016	Richard L. Faris	3	22.21	13,323	3.8	506
<u>POLK-75</u>						
75-0008	Fred W. Johnson	3	63.92	13,387	3.8	514
75-0075	Raymond G. Sechler	3	121.81	14,377	3.8	549



County and Herd Code	Owner	Breed	Number of Cows	Average		
				Milk	%	Fat
<u>POLK-75 (continued)</u>						
75-9102	Boyd Brothers	3	31.35	16,249	3.9	634
75-0154	Larry Laney	3	71.57	16,081	3.6	578
75-0156	Gallivan Farms, Inc.	3	63.41	15,665	3.7	574
75-0157	Lonnie Weatherly	3	104.18	16,511	3.7	610
75-0161	Leroy Seiner	3	181.36	14,330	3.6	523
75-0162	Benny and Dixie Barber	3	58.67	15,432	3.8	581
75-9163	Jim Tindle	1	31.59	14,226	4.0	569
75-0165	Fairview Crest Farm	3	62.22	14,714	3.7	547
75-0167	Frank Samek Jr.	3	63.68	13,934	3.9	541
75-0503	Billy Underwood	3	35.66	14,478	3.6	525
<u>ST. CHARLES-81</u>						
81-0010	Kluesner Brothers, Inc.	4	48.04	10,722	5.2	561
81-0033	Francis Kessler	3	132.68	15,052	3.7	563
81-0036	Bierbaum Brothers	2	64.06	10,593	4.8	511
<u>ST. FRANCOIS-83</u>						
83-0022	Ches-Nan Dairy	3	37.35	14,760	3.6	532
<u>SCOTT-88</u>						
88-0005	Carl Schlitt	3	43.02	13,366	3.6	477
<u>SHELBY-89</u>						
89-9002	Buckman Brothers	3	142.18	13,956	3.7	513
<u>SULLIVAN-90</u>						
90-0514	J.D. Gadberry	3	69.75	12,467	3.8	476
<u>STONE-91</u>						
91-0022	Dale Burton	3	50.86	13,488	3.4	460
91-0025	Curtis Burton Jr.	3	42.27	14,582	3.6	520
91-0030	Ron Delong	3	29.13	19,506	3.3	652
<u>TANEY-92</u>						
92-9002	School of the Ozarks	3	87.08	14,356	3.4	485
<u>TEXAS-93</u>						
93-0055	Bob Bandy	3	60.34	12,604	3.8	473
<u>WARREN-95</u>						
95-0002	Wilbert A. Hackmann	3	99.08	14,197	3.6	515
95-0008	Lester Witthaus	3	42.52	15,092	3.8	566
<u>WEBSTER-97</u>						
97-0031	Jack Herman	3	44.05	18,422	3.8	699
97-0064	Raymond Atkinson & sons	3	76.73	14,636	3.6	533
97-0069	L.R. and Wayne Whitehead	8	97.96	13,307	4.1	547
97-0103	George Kanel	3	55.45	16,105	3.5	556
97-9220	Arthur Lorenz	3	46.78	15,968	3.7	594
97-0228	Kirby Younes	3	28.56	14,328	3.6	514
97-0235	Phil Ewing	3	89.62	14,743	3.8	556
97-0256	Don Hutton	3	30.13	13,508	3.6	486
97-0258	John and Travis Brown	3	133.61	13,413	3.3	439
97-0260	Virgil-Chris-Mark Young	4	25.70	10,405	5.0	517
97-0275	Harley Miller	3	33.41	13,445	3.7	495
<u>WRIGHT-98</u>						
98-0013	Ernest Edgerton	4	24.36	12,389	5.0	617
98-0044	Hymal Jones	3	50.44	14,609	3.6	533
98-0050	Roy Clouse	3	52.04	16,568	3.5	580
98-0054	Wallace and Mike Calton	3	52.66	13,893	3.8	528
98-0067	Woodland Valley Farms	3	73.41	12,343	3.9	485
98-0069	Billy Clouse	3	71.22	17,348	3.5	602
98-0071	Johnny Watterson	3	38.75	16,699	3.5	586
98-0085	Jimmie Thornhill	3	60.55	14,803	4.0	588
98-0110	Donald Roberts	3	27.33	14,010	3.7	522

ASSOCIATION MEMBERS

Each dairyman in the record program is a member of one of the forty-one associations in the state. The membership of each association as of May 1, 1976 is indicated below:

<u>INTERSTATE-01</u>		<u>SOUTHEAST, cont.</u>		26-7018	Norban Wallen
00-0001	Gene Ripley	14-9050	Leonard Adams	26-7019	Dale Grisham
00-0005	Charles C. Knorr	14-0051	Joe Kirchdoerfer	26-7022	Wayne Kreissler
00-7002	Vans Dairy	14-0053	Earl Siemers	38-7020	Joe Cook
		14-0059	Midway Dairy Farms	38-7022	Fellholter Farm
<u>ANDREW-BUCHANAN-NODAWAY-02</u>		14-0061	Midway Dairy Farms	38-7033	J.H. Thompson
02-0007	Carl W. Schneider	88-0005	Carl Schlitt	82-7011	Porter Harryman
02-9015	Donald Hegeman	14-7055	Wilbert Welker	94-7010	Garton Dairy Farms
02-0023	Doyle Wertemberger	14-7062	Schuette and Koerber	94-7012	Cedar Ridge Farms
02-0029	Nelson Kapp	88-7003	Todt Dairy Farm	94-7013	Nichols & Sons Dairy
02-0036	Ronald-Larry Schneider	90-7005	Harold Snider	94-7015	Kenneth Clark
02-0040	Pryor Schottel, Jr.			94-7016	Paul Koehn
02-0043	Kenneth Nold	<u>CASS-16</u>		94-7017	Larry Peelen
02-0045	Ronald Bunse	06-9025	Steele and King	94-7021	Herbert Leatherman
10-0021	Walter Stuber	16-0008	J.T. Hartzler	94-7022	Vivan Koehn
10-0023	Richard Veraguth	16-0009	Ross Helms		
10-0025	Wayne Weipert	16-0030	John Kohler, Jr.	<u>CHRISTIAN-19</u>	
29-0025	Duane Blodgett	16-0033	Glenn Myers	19-0003	Walter Brazeale
66-9002	Conception Abbey	16-0034	Ernest Schmoll	19-0006	Burger Hil Farm
66-0014	Edward Wiley	16-0042	Harold Purvis	19-9018	Joe King
66-0023	NW Mo. State College	16-0048	Robert Morris	19-9028	Sancrest Farms
66-0024	Don Adwell	16-9051	Charles Moreland	19-9035	Albert & John Staiger
66-0024	NW Mo. State College	16-0052	Neil Kohler	19-0048	Walter & Steven Staiger
66-0026	Kirby Hanson	16-0054	Coburn Schrock	19-9050	Carl Kastendieck
66-0027	Jack & Edith	16-0058	Yoder Brothers Dairy	19-0054	Albo Farm-Albert Bos
66-0028	Alan & Delma Goodspeed	16-0060	Urson Logue, Jr.	19-0063	Otis Messenger
		16-0061	Paul Grinter	19-0070	C.W. Barnhart
<u>BARRY-04</u>		16-0065	Wilburn Farm	19-0073	Ray Gene Sims
04-0002	Nolan Meier	16-0066	John Kohler	19-9074	O.F. & Gene Staiger
04-9004	Ernest Cowherd	16-0068	Jemor Farms	19-0077	George Wright
04-0040	Larry Purdom	16-7055	Frank Thurman	19-9079	E.L. McCrosky
04-0044	Gordon Schad	16-7062	Glover Springer	19-0080	Joe Peebles
04-0052	Ronald Edmondson	16-7064	Ron Rushly	19-0085	Charles Crowley
04-0054	Eugene Miekley	16-7067	Eugene Davison	19-9090	Lor-Ed Farm
04-0058	Wilmer Weston			19-0126	Ronnie Willoughby
04-0060	Leslie Henderson	<u>TRI-COUNTY-17</u>			
04-0062	Frank Kennedy	06-0026	Board Brothers	<u>FOUR-COUNTY-22</u>	
04-0069	D.A. Bowman	06-0029	Richard Buterbaugh	11-0015	Kenneth Gates
04-0071	Carl and Max Henbest	06-0036	Swickhamer Brothers	22-9001	Lloyd Bacon
04-0073	Allen Keeling	06-0040	Russell Chandler	22-0028	Tri-Honor Farm
04-0074	Alvin Brandt	06-0041	Clem Lesmeister	22-0030	Jack Groom
04-0077	Ray Nickle & son	06-0042	H.J. & Terry Piepmeier	22-0034	Kenton Schwarz
04-0081	Robert Mareth	06-0043	Donald Martin	22-9035	Ralph Ensign
04-0082	Clinton Metcalf & son	06-0049	Schenker Tipple Farm	22-0038	Ralph Cooper
04-0083	James Taylor	06-0052	Lindsey Brayton	22-0040	Greaves Dairy Farm
50-0065	Reno Krueger	06-0058	Jim Lincoln	22-0044	Carter Farms Inc.
92-9002	School of the Ozarks	06-0062	Paul Stangel	22-0046	Fortner Farms
04-7055	Don Hemphill	06-0064	Otto Fleischer	28-0011	Clarence Clark
		17-0011	Gordon Argall	29-0024	John Donovan
<u>MISSOURI VALLEY-12</u>		17-0021	Hoovers Dairy Inc.	11-7020	John Alden
09-9004	Foremost Guernsey Farm	17-0022	Morris Bough		
09-9006	Univ. of Mo. Holstein	26-0015	William Crutcher	<u>COLE-23</u>	
12-0001	Harlan Borman	26-0017	Clifford Burns	23-0002	Church Farm Dairy
12-0007	State Hospital No. 1	26-0020	Larry McGuire	23-9013	Vanderfeltz Dairy
41-0020	Fred Stroupe	26-0021	Tom Wilkins	23-0018	Vincent Hoelscher
63-0006	Miller Meadows Inc.	38-0003	Jerry Jerome	23-0027	James Distler
12-7016	Robert Tighe	38-0018	C & R Neuenschwander	23-0029	Elliott Case
63-7010	Joseph Schroeder	38-0019	Keck Brothers Dairy	23-0033	Robert Cassmeyer
		38-0029	John Mitchel & sons	23-0035	William Thessen
<u>SOUTHEAST MISSOURI-14</u>		38-0030	J.A. Porter	23-0036	David Braun
14-9002	Mrs. Sam Collins	38-0031	Robert Higgins	23-0037	Tom LePage
14-0007	Hager Farms Inc.	39-0024	Gale Snow	23-0039	Scott Carrender
14-0008	Albert Schabbing	39-0025	Gerald Vanderford	23-0043	Joe Scherr
14-0009	Clem Schabbing	39-0028	Vanderford & Stogsdill	23-0044	Lincoln University
14-9014	SW Mo. Univ. Hol.	82-9008	Raymond Haverland	23-0045	Bill Nowack
14-0032	Albert Gross	94-0007	Joe Clark	24-0034	Tony Isle Farm Inc.
14-0042	Harvey Brase	94-0011	Donald Cushard	61-0003	Freddie Snyder
14-0046	James Dairy Farm	94-0020	Rollin Acre Dairy	61-0013	David Gier
14-0047	Keith Keller	06-7044	Emmette Minich	23-7038	Arthur Hein
14-0048	Siemers Farms Inc.	17-7014	Jackie Jones		

DALLAS-27

27-0032 Glenn Maple  
 27-0047 Rue Patrick  
 27-0076 William Nimmo  
 27-9083 Don Sharp & sons  
 27-0106 Don Bass  
 27-0113 Dwight Mathews  
 27-0527 Lloyd Gunter  
 27-7070 James Maynard  
 27-7080 Wallace Hicks  
 27-7121 Jimmy Compton  
 27-7122 Rick Kelb

DOUGLAS-31

31-0020 Hershell Letsinger  
 31-0021 C.M. Letsinger  
 31-0028 James Watterson  
 31-9031 Martin Verburgt  
 31-0033 Leo Thompson  
 31-0040 Roland Kane  
 31-0045 Bob Watterson  
 31-0046 Louis Gillespie  
 31-0047 John Hart  
 31-0048 Mitchell Peebles  
 31-0057 Walter Wittorff  
 31-0058 Charles Goforth  
 69-0007 Turner Brothers  
 97-0273 Paul Wagler  
 98-0069 Billy Clouse  
 98-0071 Johnny Watterson  
 31-7044 Herbert Finley  
 31-7050 Ray Carroll  
 69-7002 Ray Martin  
 98-7092 William Reuter

FRANKLIN-33

33-0001 Francis Aholt  
 33-0013 Richard Raaf  
 33-0016 Cove View Farm  
 33-9020 Karl B. Althage  
 33-0022 S.U. Prichard Farm  
 33-0025 Haventon Farms  
 33-9027 Wilfred Dryer  
 33-0031 Marvin Sprick  
 33-0034 High Ridge Dairy Farms  
 33-0035 Grimm Dairy Farm  
 33-0036 Vernon Holtmeier  
 33-0040 Gilbert Wesselschmidt  
 33-9041 John & Robert Bunge  
 33-0042 Carl Brothers  
 33-0047 Victor Voss  
 33-0048 Roy Koch  
 33-0055 Purina Res. Farm Dairy  
 33-0058 Leland Unger  
 52-0005 Palmer Farms  
 52-0006 Champ Goodwood Farms  
 52-0008 Boedeker Brothers  
 81-0033 Francis Kessler  
 81-0036 Bierbaum Brothers  
 81-0037 Bade's Dairy Farm  
 95-0002 Wilbert Hackmann  
 95-0008 Lester Witthaus  
 33-7043 John Boland  
 33-7057 Gerdes & Benz Farm  
 33-7059 Gerdes & Benz Farm  
 33-7060 Frederick Riegel & sons  
 81-7038 Felix Struckhoff  
 95-7009 Gerald & John Kluesner

GREEN HILLS-34

18-0001 Joseph J. Meissen  
 47-0008 Richard Barnes  
 55-0019 Ronald Dye  
 55-0020 Barry Ford  
 76-0501 Ronald Sayre  
 78-0014 Samuel Messer

87-0003 D'Arg Holsteins  
 87-0007 Charity Poe  
 90-0523 Donald Dewitt  
 47-7515 Leon Dill & sons

GREENE-35

35-9023 J.F. French  
 35-9036 Kindrick Brothers  
 35-9065 Robert & George Quinn  
 35-9069 Robert Thomson, Jr.  
 35-0109 Cox and Davis  
 35-0127 Carl W. Brown  
 35-0131 Fielden Brothers  
 35-0136 Mar-Gale Farms LTD  
 35-0156 Don McElhany  
 35-0160 Glen Hancock  
 35-0163 Dorethea Jacobson  
 35-0164 Rose Brothers  
 35-0170 Billy Yarberrry  
 35-0174 Donald Farmer & sons  
 35-0180 James P. & James D. Quinn  
 35-9182 Hancock & Silverthorn  
 35-0184 G. James McLean  
 35-0187 Aaron Owen  
 35-0189 Paul Sloan  
 35-0193 Forshees Dairy Farm  
 35-0194 Farmers Dairy  
 35-7165 Gordon Wilson  
 35-7173 Ferguson Feemster  
 35-7178 J.V. & Allan Trantham  
 35-7186 Larry Kensinger  
 35-7191 W.G. Fieth

GRAND RIVER-36

36-0004 John H. Erp  
 36-0008 Carl Parker  
 36-0038 J.W. Kilburn  
 36-0049 Warren Kirby  
 36-0052 Leon Trump  
 36-0053 Clifford Vandevender, Jr.  
 36-0057 William Siebenborn  
 53-0020 Jim Crow  
 59-0001 Powell Agri-Industries  
 59-0009 Jon Renfro  
 90-0514 J.D. Gadberry  
 90-0517 Olmstead and sons  
 36-0014 Veatch Dairy  
 36-0050 Everett Thompson  
 36-7055 Orville Travis  
 36-7056 Don Reeter  
 36-7058 Jim Axtell  
 47-7516 Karl Goerne  
 59-7012 Jim Miller  
 90-7522 Harold McCully

HARRISON-37

37-0006 W.W. Hendren  
 37-0045 Irl G. Slaughter  
 37-0053 Yorks Dairy Farm  
 37-0054 Allen Craig  
 37-0055 Gary Gillespie  
 37-7047 Gerald Pontius

HOWELL-42

42-0044 John E. Osborn  
 67-0002 Dave Norman  
 67-0017 Albert Prewitt  
 67-0019 Richard Morgan  
 67-0020 Coats and Coats Farm  
 42-0007 Proffitt Farms  
 42-0028 Hall Farms  
 42-0045 Robert Gossard  
 42-0046 Coldwell Farms  
 42-0047 Merry Meadows Toggenburg

JASPER-BARTON-44

05-9004 Delmer Kentner  
 05-0005 Robertson Dairy  
 05-0007 Selveys Plantation  
 05-0011 Don Pfander  
 05-0013 Alfred Banwart  
 05-0023 Clyde Hininger  
 05-0030 Bill Kelsey  
 44-0004 David Harris  
 44-0051 Jerry Weldy  
 44-0061 J.H. Hubler  
 44-0064 D.D. McCormick  
 44-0072 Sammy Wickstrom  
 44-0077 J.B. Kunkel  
 44-0078 Elvin Ummel  
 44-0082 Carl Flenniken & sons  
 44-0085 Lloyd Miller  
 44-0087 Jack McCormick  
 44-0088 Theodore & Gaylen Rush  
 44-0095 Dan McCormick  
 44-7092 Paul Cossey, Jr.

JEFFERSON-45

45-0006 Victor & Erna Martin  
 45-0037 Jack Keisker  
 45-7024 Calvin Lindwedel  
 45-7036 W.G. Knorpp

JOHNSON-46

43-0050 Shrou Brothers Dairy  
 46-0006 Briscoe & Son Farm Inc.  
 46-0009 Tevis Farms Inc.  
 46-0010 Frank Spicer  
 46-0017 Specker Brothers  
 46-0022 Joe Groom  
 46-0025 James Fender  
 46-0026 Joe Burden  
 46-0029 Harlan Cochran  
 46-0032 Kenyon Snow  
 46-0033 John Colster  
 46-0036 Robert Gard  
 46-0041 Mudd's Dairy  
 46-0044 Leland Stowell  
 46-9047 Jerry Parrott  
 46-0055 Curtis Brockhaus  
 46-9058 Connell Jerseys  
 46-0060 Helen Adamson  
 46-0061 Ed & Dave Prigel  
 46-0067 Roger Lowe  
 49-0056 Robert Ramey  
 49-0082 Roger Rowe  
 46-7027 O.J. Currie  
 46-7053 William Colster  
 46-7054 Davidson Farms

LACLEDE-48

48-0054 Green Valley Dairy  
 48-0057 Ronald Young  
 48-0059 David Wissbaum  
 48-0072 Elvin Bohannon  
 48-0075 Charles Peirano  
 48-0076 John Q. Palmer  
 48-0078 W.C. Hoffman  
 48-0083 Corrys Fam  
 48-0086 Jerry Stenson  
 48-0087 Elam Dairy  
 48-0088 Delbert Feeney  
 48-0091 Delbert Long  
 48-0092 John Mathews  
 48-7067 Merlin Triplett  
 48-7069 Howard McClure  
 48-7071 Ronald Wolken  
 48-7092 Nicky O'Quinn  
 48-7096 J.K. Stout  
 48-7097 James Long

LAFAYETTE-49

15-0009 Jimmie Clemens  
 15-0013 Esten Wright  
 43-0004 Athol Cummins & son  
 43-9005 Stanley Curtis  
 43-0026 Dennis Shrout  
 43-0047 Don Elefson  
 49-0012 D.A. Meinershagen  
 49-9028 C.W. Hook  
 49-0035 Norman Williams  
 49-0039 Elvyn Verdught  
 49-0045 Fritz & Ken Nierman  
 49-0051 Norman & Betty Williams  
 49-0059 Elbert Kuecker  
 49-0070 Kenneth Branson  
 53-0018 Floyd Spainhour & sons  
 15-7022 Gayle Griffin  
 15-7027 John Shirley  
 43-7051 Fairview Cowplex Inc.  
 46-7045 Wilbert Freund  
 49-7043 Alvin & Ed Nierman  
 49-7047 Kenneth Rechterman  
 49-7050 Don Erdman  
 49-7064 Shisler Farms  
 49-7066 Vernon Schlesselman  
 49-7075 Delmar & Stanley Oetting  
 49-7078 Roger Schelp  
 49-7079 Norbert/Dennis Oetting  
 49-7080 Roger Kirchoff

LAWRENCE-50

26-0010 Oral Daniel  
 50-0002 William Davis  
 50-0057 Dale Spencer  
 50-0069 Paul Calico  
 50-0072 Circle H Farm Inc.  
 50-0074 Preston & Carolyn Cheek  
 50-0075 Ernest Graves  
 50-0081 Jerry Stine  
 50-0151 Kenneth Stone  
 50-0153 Alvin Ennis  
 50-0155 Madewell Production Farm  
 50-0156 John Berry  
 50-0158 Richard Ray  
 50-0162 Hershel Worm  
 50-9166 Sycamore Jersey Farm  
 50-0168 Gary Fulp  
 50-0170 Jule Dotson  
 50-0171 Ray Taylor  
 50-0172 Max Blisard  
 50-0173 Jack Gilmartin  
 50-0178 Ray Newton  
 04-7064 Robert Miller  
 35-7157 James Stanton  
 50-7001 Henry Freiburger, Jr.  
 50-7025 W.Dale Waggoner  
 50-7052 James Moennig  
 50-7063 Wilburn Buehler  
 50-7091 Charles Wiehe  
 50-7093 C.W. & R.L. Simpson  
 50-7149 Keith Terry  
 50-7163 Lane Parker  
 50-7174 J.R. Coker  
 50-7177 Roger Phillips  
 50-7181 Bill Buehler  
 50-7182 Kenneth Calvin

NORTHEAST-58

20-9007 Howard-Harold Kirchner  
 20-0008 Harlan Hunziker  
 58-0024 Donald Atkins  
 58-0044 William Kaden  
 58-0045 Earl Meyer  
 58-0046 Marvin Frankenbach  
 58-0047 Brinkmeier and Hudson  
 58-0049 Carl-Robert Frankenbach

58-0052 Wendell Keller  
 77-0013 N.E. Williams  
 89-9002 Buckman Brothers  
 51-0015 Don Waterman  
 51-0030 Bill Hinkle  
 58-0043 George Keller  
 58-7053 Summers Farms  
 62-7022 Robert Shenk

MORGAN-64

13-0003 Bill Hays  
 61-0025 Floyd Koehn  
 64-0020 Marriott Brothers  
 64-0026 Delmon Marriott  
 64-0029 Kleins Jersey Farm  
 64-0042 Abe Koehn & sons  
 07-7023 Richard Balke  
 07-7025 Don Zimmerschied  
 07-7028 Doerflinger & Sons Dairy  
 64-7032 Adin Kilmer  
 64-7035 Douglas Unruh  
 64-7036 Ivan Zimmerman  
 64-7038 Daniel Baumgartner  
 64-7043 Wenger Dairy

NEWTON-MCDONALD-65

04-0084 Rex Henderson  
 65-0017 C.A. Gilman  
 65-0021 A.C. Petty  
 65-0042 Leonard Goodman  
 65-0049 R.E. Thomlinson  
 65-0055 Danny Bartkoski  
 65-0058 Stipp Dairy Farm  
 65-0066 W.H. Whittington, Jr.  
 65-7056 Billy White  
 65-7064 Dave Ball

OSAGE-68

68-0002 John & William Fick  
 68-0005 Walter Rehagen  
 68-0009 Ar-Ke Holstein Farm  
 68-0010 E and R Schwinke  
 68-0015 Alex Reinkemeyer  
 68-0037 Luecke and Stegeman  
 68-7019 Kenneth Gelven  
 68-7021 Wansing Brothers  
 68-7024 Eugene Luebbering  
 68-7027 Donald Brandt  
 68-7034 Doug Schmitt  
 68-7036 Rademacher Brothers  
 72-0013 Gerald Pietsch

PERRY-70

14-0021 Daisy Dairyland  
 14-0029 Frank Milde  
 14-0030 Charles Engelhart  
 14-0037 Harvey Nischwitz  
 14-0038 Shawnee Farms  
 14-0058 Schoen Farms  
 70-0004 Joseph Moll  
 70-9009 Chalmer Voelker  
 70-0010 Jo-Ke-Mo Dairy  
 70-9012 A.J. Huber & son  
 70-0017 Elton Koch  
 70-0018 Palmer Fritsche  
 70-0020 Herbert Kramer  
 70-0021 Leonard Palisch  
 70-0022 Wachtters Dairy Farm  
 70-0025 Russell Brandes  
 70-0026 Hoehn Dairy Farm  
 70-7023 Eldor Bock  
 70-7024 Clyde Rousseau

PETTIS-71

07-0016 Robert Wilshussen

07-0021 French Farm  
 07-0026 C.C. Gerken  
 24-9027 Richard Lenz  
 24-0030 Kenneth & Gail Lenz  
 24-0031 Paul & Jessie Birdsong  
 24-0032 Richard Lenz  
 24-0033 Eldon Lenz & sons  
 71-0007 Robert & E.P. Longan  
 71-0022 Cloyd Merk  
 71-0026 O-Rich Dairy  
 71-0029 Larry McCollester  
 71-0030 Paul Davis  
 71-0034 Dale Hansen  
 71-0038 Harold Goosen  
 07-7020 W.A. Raetz  
 07-7027 James Wikstrom  
 23-7046 Richard Cook, Jr.  
 38-7034 Harms Brothers

74-0016 Richard Faris

POLK-75

75-0008 Fred Johnson  
 75-0075 Raymond Sechler  
 75-9102 Boyd Brothers  
 75-9123 Joseph Hubbert  
 75-0154 Larry Laney  
 75-0156 Gallivan Farms Inc.  
 75-0157 Lonnie Weatherly  
 75-0160 James Locke  
 75-0161 Leroy Seiner  
 75-0162 Benny & Dixie Barber  
 75-9163 Jim Tindle  
 75-0165 Fairview Crest  
 75-0167 Frank Samek Jr.  
 75-0175 William & Kelly Grant  
 75-0503 Billy Underwood  
 75-7115 Meek Dairy Farm  
 75-7121 Lendell Voris  
 75-7132 Bobby Joe Smith  
 75-7133 Mendel Williams  
 75-7147 Eddie Ben Gorden  
 75-7176 Rex E. Warren

ST. CHARLES-81

81-0010 Kluesner Brothers Inc.  
 85-9006 James Morrison

ST. FRANCOIS-83

83-0014 Eugene Kollmeyer  
 83-0017 Govro Brothers  
 83-0019 Robert Hager  
 83-0022 Ches-Nan Dairy  
 83-7011 Sunnymede Farm

SALT RIVER-89

78-0002 John Gutekunst, Jr.  
 78-0005 McCormick-Crutchter

CLEVER-SPARTA-90

19-0062 Ivan Hedgpeht  
 19-0069 Frank Estes  
 19-0103 Shelby Hill  
 19-0106 Gene & Greg Short  
 19-0109 Richard & Rick Gregg  
 19-0115 Elmer Spree  
 19-0118 Harold Hartly  
 19-0120 Paul Hull  
 19-0122 Peggy Hays  
 19-9125 Marilyn Forgey  
 50-0179 Glen Hilton  
 19-0113 Bot Tate  
 19-7128 Terry Keltner

STONE-91

91-7026 5-G Farms

TEXAS-93

93-0039 Whetstine Farms Inc.  
93-0040 Jim Brailer  
93-0041 Bruce Wolfe  
93-0042 Walter Douglas  
93-0044 John Austin  
93-0046 Walter Scott  
93-0047 W & D Vangenderen  
93-0052 Steven Foster

SEYMOUR-96

97-0103 George Kanel  
97-9220 Arthur Lorenz  
97-0235 Phil Ewing  
97-0241 Overholt Farm Enterprise  
97-0258 John & Travis Brown  
97-0275 Harley Miller

WEBSTER-97

97-0001 Bonnie Carrie Farm  
97-0031 Jack Herman  
97-9038 Daypeck Jersey Farm  
97-0059 James Vestal  
97-0064 Raymond Atkinson & sons  
97-0069 L.R. & Wayne Whitehead  
97-0226 James Morgan  
97-0228 Kirby Younes  
97-0233 Don Alexander  
97-0256 Don Hutton  
97-0260 Virgil-Chris-Mark Young  
97-0267 Jimmie Vestal  
97-0271 Daypeck Farms  
97-0272 David Young  
97-0274 David & Rhonda Morgon  
98-0103 James Hutton

WRIGHT-98

93-0055 Bob Bandy  
98-0013 Ernest Edgerton  
98-0015 Howard Tribble  
98-0040 Chester Benton  
98-0042 Lawrence & Doris Getz  
98-0044 Hymal Jones  
98-0050 Roy Clouse  
98-0054 Wallace & Mike Calton  
98-0056 Charles Clark  
98-0067 Woodland Valley Farms  
98-0077 Everett Stewart  
98-0078 Glen Ussery  
98-0083 Donald Horn  
98-0085 Jimmie Thornhill  
98-0087 Bobby Thornhill  
98-0089 Curtis Hoover  
98-0096 Donald Adamson  
98-0105 R & R Dairy  
98-0107 Tom White  
98-0110 Donald Roberts

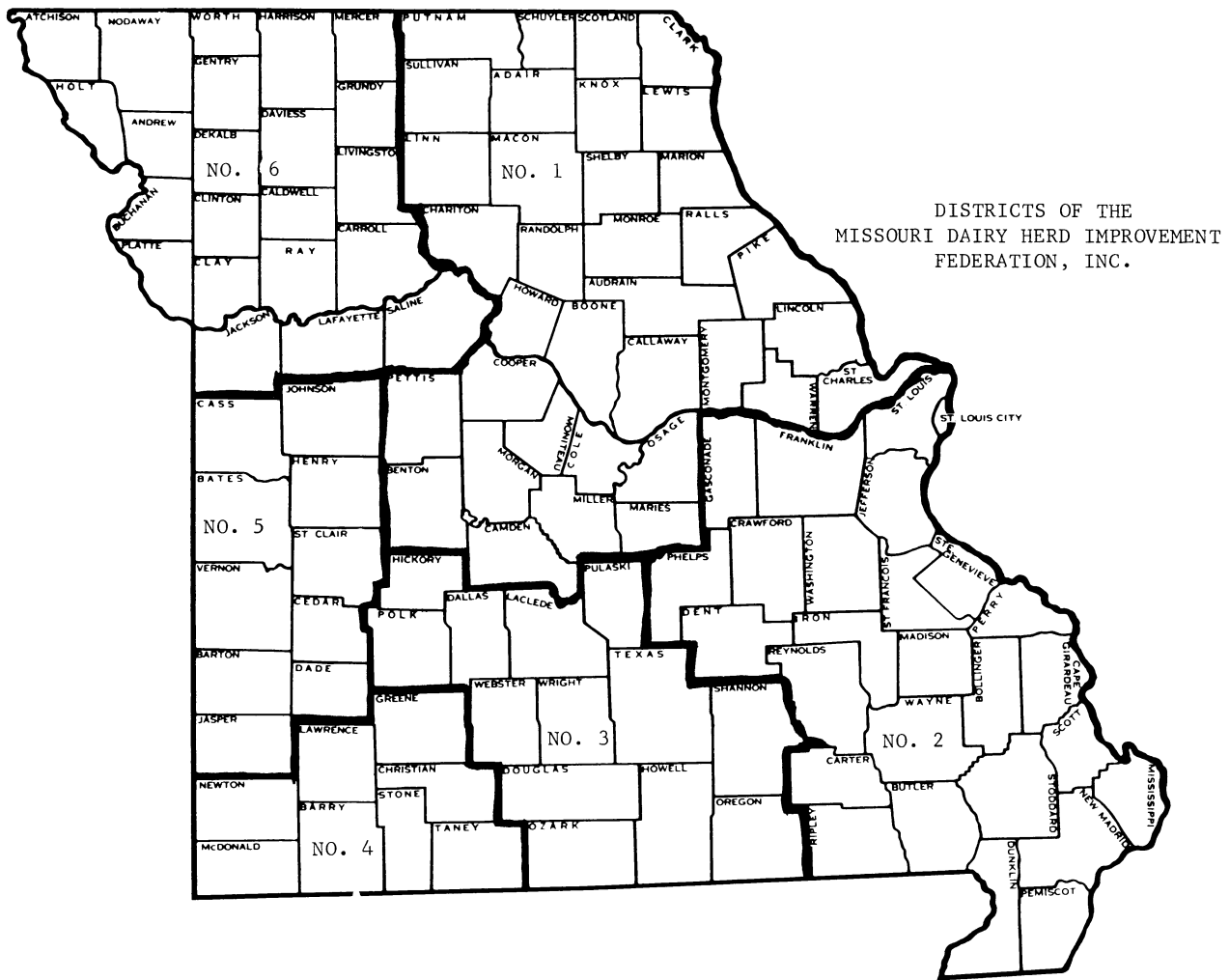
SOUTHWEST-99

91-0022 Dale Burton  
91-0025 Curtis Burton Jr.  
91-0030 Ron Delong  
19-7111 Jack Glidewell  
35-7145 Herman Bourke  
35-7175 Larry Lee  
75-7171 Don & Janice Huff  
91-0021 Double-S-Farms  
91-0029 Sam King  
93-7048 Clyde Carroll  
93-7050 Rodney Smith  
93-7051 Clem Amick  
93-7056 Gary Barnes

ASSOCIATION SUMMARIES

Averages for each association are listed below. These values are for the period of time from May 1, 1975 to April 30, 1976 for standard DHIA and DHIR records.

OFFICIAL RECORDS									
	No of Herds	Cow Years	Milk (Lb)	Fat (Lb)	Rate of Forage Feeding	Value of Prod.\$	Feed Cost \$	Income Over Feed Cost \$	Feed Cost Per cwt. Milk \$
1 Interstate	2	145.5	14,317	533	2.6	1189	567	622	3.96
2 Andrew-Buc.-Nod.	19	1076.8	13,405	486	2.1	1134	568	566	4.24
4 Barry	19	1270.3	13,196	479	2.3	1120	636	484	4.82
12 Missouri Valley	6	651.9	13,301	498	2.2	1112	654	458	4.92
14 Southeast	16	1272.5	11,874	449	2.2	1014	547	467	4.61
16 Cass	17	1453.8	13,183	482	1.8	1147	524	623	3.97
17 Tri-County	32	2137.9	11,874	423	1.9	970	476	494	4.01
19 Christian	18	905.5	13,821	543	2.4	1148	655	493	4.74
22 Four County	12	675.7	13,792	526	2.4	1191	692	499	5.02
23 Cole	16	1140.9	12,340	437	2.1	1014	553	461	4.48
27 Dallas	7	509.1	12,059	395	2.4	957	594	363	4.93
31 Douglas	16	861.4	13,851	509	2.3	1139	698	441	5.04
33 Franklin	26	2073.8	13,560	513	2.2	1140	679	461	5.01
34 Green Hills	9	483.5	10,617	401	2.3	828	434	394	4.09
35 Greene	21	1410.5	13,166	494	2.2	1089	553	536	4.20
36 Grand River	12	659.8	12,073	445	2.4	970	545	425	4.51
37 Harrison	5	238.3	11,623	410	2.6	883	481	402	4.14
42 Howell	5	269.4	14,752	528	2.4	1199	591	608	4.01
44 Jasper-Barton	19	1604.0	11,073	411	2.1	987	552	435	4.99
45 Jefferson	2	83.8	13,602	474	2.2	1180	513	667	3.77
46 Johnson	22	1527.3	13,128	492	1.9	1136	524	612	3.99
48 Laclede	13	956.3	12,554	446	2.3	1024	559	465	4.45
49 Lafayette	15	976.4	12,682	437	2.3	1023	587	436	4.63
50 Lawrence	21	1729.2	12,546	490	2.2	1062	559	503	4.46
58 Northeast	11	814.7	13,084	558	1.9	1202	464	738	3.55
64 Morgan	6	356.0	11,015	412	2.2	894	480	414	4.36
65 Newton-McDonald	8	755.2	13,348	505	2.0	1142	610	532	4.57
68 Osage	6	395.4	13,550	506	2.4	1110	619	491	4.57
70 Perry	17	1146.1	12,968	479	2.2	1099	574	525	4.43
71 Pettis	15	843.7	13,389	485	2.1	1081	628	453	4.69
74	1	22.2	13,323	506	2.5	1133	617	516	4.63
75 Plok	15	1029.5	14,261	532	2.3	1192	622	570	4.36
81 St. Charles	1	48.0	10,722	561	2.4	1005	587	418	5.47
83 St. Francois	4	249.9	12,041	436	2.1	1040	498	542	4.14
89 Salt River	2	94.6	9,560	360	2.0	719	466	253	4.87
90 Clever-Sparta	11	540.8	12,682	462	2.0	1045	574	471	4.53
93 Texas	8	527.4	10,210	357	2.5	816	493	323	4.83
96 Seymour	6	385.1	14,276	504	2.4	1124	685	439	4.80
97 Webster	16	1044.8	11,238	423	2.3	938	462	476	4.11
98 Wright	20	1052.6	12,189	465	2.3	1008	552	456	4.53
99 Southwest	3	122.3	15,300	526	2.4	1239	643	596	4.20



DISTRICTS OF THE  
MISSOURI DAIRY HERD IMPROVEMENT  
FEDERATION, INC.

Board of Directors and the year term expires

- District 1, Harlan Hunziker, 1979
- District 2, Marvin Sprick, 1979
- District 3, Robert Gallivan, 1977
- District 4, George Wright, 1977
- District 5, Norvin Schenker, 1978
- District 6, C.W. Hook, 1978

Officers of the Board

- President, Marvin Sprick
- Vice-President, George Wright
- Secretary-Treasurer, Robert Gallivan

Ex Officio Members of the Board

- Dr. Harold D. Johnson, Chairman, Dairy Department, Professor of Dairy Husbandry
- Fred H. Meinershagen, Professor of Dairy Husbandry, State Specialist Dairy Husbandry
- Rex E. Ricketts, Associate Professor of Dairy Husbandry, State Specialist Dairy Husbandry











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Scanner model                              fi-7460  
Scanning system software                ScandAll Pro v. 2.1.5 Premium  
Optical resolution                        600 dpi  
Color settings                              8 bit grayscale  
File types                                    tiff  
Notes

#### Derivatives - Access copy

Compression                              Tiff: LZW compression  
Editing software                            Adobe Photoshop  
Resolution                                   600 dpi  
Color                                        grayscale  
File types                                    tiff  
Notes                                        Images cropped, straightened, brightened.