



LANCASTER COUNTY DHIA MONTHLY REPORT

DECEMBER 1974

A Holstein cow owned by Maurice F. Welk, RD2, Quarryville, completed the highest 305 day lactation. Dora produced 21,050 lbs. of milk, 962 lbs. of butterfat with a 4.6 percent test. Second high lactation was completed by a Registered Holstein cow owned by Paul B. Zimmerman, RD1, Ephrata. Belle produced 22,240 lbs. of milk, 931 lbs. of butterfat with a 4.2 percent test in 305 days.

The herd of J. Z. Nolt, RD1, Leola, has the highest daily butterfat average. This herd of 35.2 Registered Holstein cows averaged 58.8 lbs. of milk, 2.23 lbs. of butterfat with a 3.8 percent test. The herd of Paul B. Zimmerman, RD1, Ephrata, placed second. This herd of 35.2 Registered & Grade Holstein cows averaged 51.1 lbs. of milk, 2.13 lbs. of butterfat with a 4.2 percent test.

FIRST 305 DAYS OF LACTATION WITH 680 OR MORE LBS. OF BUTTERFAT

OWNER	COW'S NAME	BREED	AGE	DAYS	MILK	TEST	FAT
Maurice F. Welk	Dora	GrH	5-2	305	21,050	4.6	962
	Daisy	RH	7-5	305	21,303	3.5	744
	Ester	GrH	4-3	305	16,183	4.3	701
Paul B. Zimmerman	Belle	RH	7-3	305	22,240	4.2	931
J. Mowery Frey	Dottie	RH	7-1	305	18,695	4.9	909
	Emily	RH	7-0	287	16,814	4.5	753
Jacob S. Dienner	Cruth	RH	5-9	305	22,534	3.9	880
J. Mowery Frey Jr.	Matilda	RH	7-3	305	22,289	3.9	875
	Rochele	RH	8-10	305	19,973	4.1	822
Willis M. Martin	Bets	RH	8-4	305	20,711	4.2	868
Amos & Eleanor Hershey	Rosebud	RH	5-4	305	18,439	4.7	863
Jay E. Landis	Kingpin	RH	8-4	305	19,835	4.3	848
Lancaster Mennonite Hospital	Unellie	RH	3-2	305	23,926	3.5	845
	Trive	GrH	4-5	305	18,148	4.3	785
	Selma	RH	5-2	305	18,560	4.0	740
	Tarcel	RH	4-6	305	17,566	3.9	681
Earl E. Martin	Julie	RH	5-3	305	18,350	4.6	838
	Kate	RH	5-4	305	17,624	4.2	733
Samuel F. King	May	GrH	6-3	291	18,445	4.5	836
J. Earl Horst	Archie	RH	9-1	305	25,039	3.3	833
	King	RH	4-3	305	20,736	3.5	732
John U. Stoltzfus	Linda	RH	4-0	305	19,350	4.3	831
Lloyd H. Ranck	47 Palm	RH	5-5	305	20,370	4.1	828
	54 Pat	RH	4-3	305	21,492	3.7	800
	65 Mona	RH	3-9	300	18,111	4.3	787
Elam P. Bollinger	Phebe	RH	8-0	305	20,589	4.0	814
	Price	RH	6-11	305	18,188	4.2	756
	Dorothy	RH	4-1	305	18,437	3.8	695
	Jingle	RH	6-7	304	19,198	3.6	693
John A. Harsh	Kris	GrH	8-3	305	16,655	4.9	810
	Astrid	RH	4-10	299	17,417	4.0	692
John M. Smucker	Bea	RH	5-7	305	17,895	4.5	808
Melvin H. Ranck	Lola	RH	5-7	305	22,450	3.6	798
	Peggy	GrH	12-1	305	19,122	3.9	742
Harry L. Troop	Bunny	RH	7-4	305	19,523	4.1	797
	Gail	RH	6-3	305	18,510	3.7	689
Robert W. Ulrich & Son	44	GrJ	4-7	305	13,873	5.7	769
	Angie	GrJ	6-4	305	12,305	5.6	683
	Lily	GrJ	5-8	288	10,926	6.2	681
J. Z. Nolt	Kate	RH	7-2	305	22,199	3.6	794
	Connie	RH	4-11	289	20,478	3.7	748
	Arlo	RH	9-2	305	19,222	3.6	699
	Misty	RH	3-6	305	19,666	3.5	680
Donald S. Eby	Prudenc	RH	4-4	305	16,209	4.9	789
	Maudela	RH	5-3	305	18,276	4.0	725
	Tiny	RH	13-2	305	16,674	4.3	710
Homer G. Hess	Connie	RH	4-2	305	20,637	3.8	786
Daniel L. Martin	Eleanor	RH	5-6	305	17,492	4.5	785
Jay C. Garber	KJDarta	RH	3-2	305	20,691	3.8	783
	Ho	RH	6-2	286	18,877	3.9	727
	Liestsy	RH	2-3	305	17,742	4.0	705
	Jylee	RH	4-1	305	16,747	4.2	702
H. Richard Hershey	Jennie	RH	11-8	305	18,503	4.2	783

Nelson E. Martin	Laddie	RH	4-2	305	18,518	4.2	781
S. E. Shellenberger	Cecelia	GrH	4-4	305	23,479	3.3	780
Henry E. Kettering	Edna	RH	6-1	301	19,117	4.1	778
	Lea	RH	5-0	305	19,012	4.0	751
Robert Kauffman Jr.	Speedy	RH	3-10	305	19,117	4.1	777
John B. Stoltzfus	Eve	GrH	4-3	305	18,869	4.1	776
Clyde W. Martin	Theda	RH	5-2	305	21,163	3.7	775
Leon S. Lapp	Beulah	RH	9-2	273	19,183	4.0	773
Earl Smoker	Pearl	RH	6-2	305	19,476	3.9	763
Elam J. Stoltzfus	Jewel	RH	7-5	293	20,324	3.7	757
Ammon E. Reiff	Polly	RH	6-1	305	21,588	3.5	751
J. Floyd Kreider	Alta	RH	5-7	305	21,654	3.5	748
C. Nevin Hershey	Jean	RH	4-5	277	16,853	4.4	747
	Polly	RH	7-2	305	17,504	4.2	736
Ezra M. Martin	Felicia	RH	7-3	305	20,474	3.6	742
Edgefield Farms	Lorraine	RH	7-3	305	20,332	3.6	738
Irene H. Sauder	Pin	RH	4-4	305	20,157	3.7	737
Warren F. Bollinger	62	RH	7-3	305	19,818	3.7	737
Conewago View Farms	Josie	RH	5-9	305	20,471	3.6	736
Robert E. Landis	Cindy	RH	6-4	305	16,934	4.3	735
John M. Harnish	Patricia	RH	5-2	305	20,577	3.6	734
	Ellen	RH	4-2	305	21,754	3.2	687
Harry S. Aungst	Jaye	RH	9-10	305	17,756	4.1	733
	Betty	RH	4-5	305	14,951	4.7	702
Marvin L. Weaver	37	GrH	5-4	299	20,171	3.6	731
	Lassie	RH	5-11	305	17,190	4.0	680
Paul H. Rohrer	45	GrH	5-3	302	18,311	4.0	731
Ronald S. Kline	488	RH	7-6	281	19,811	3.7	729
J. Rohrer Witmer	Della	GrH	5-3	305	19,384	3.8	729
Melvin L. Fisher	Mickey	GrH	3-9	305	17,111	4.3	729
Paul H. Hursh	68	GrH	4-11	305	21,502	3.4	725
Paul S. Horning	Bonnie	GrH	4-6	305	20,765	3.5	724
Allan R. Shoemaker	Maud	RH	8-2	305	20,709	3.5	724
John L. Landis	82	GrH	3-4	305	17,442	4.2	724
	64	GrH	4-3	305	18,787	3.8	706
	Babs 48	RH	4-1	305	16,796	4.2	698
	Sun 10	RH	5-2	305	15,882	4.3	687
Harold & Don Risser	Ellen	RH	4-2	305	16,581	4.4	723
Furry H. Frey	Milly	RH	3-3	305	20,319	3.6	722
Abraham Shelly Jr.	Stubby	GrH	4-11	305	19,853	3.6	722
Joseph Eshleman	Robin	RH	4-2	305	18,126	4.0	721
	Dolly	GrH	4-0	305	16,057	4.4	701
Isaac E. Hostetter	Judy	RH	4-6	305	20,475	3.5	720
J. Harold Musser & Son	46	GrH	4-2	305	17,329	4.2	720
	Lori 21	GrH	7-3	305	19,920	3.6	715
Jonas S. Nolt	3	RH	4-1	305	18,182	4.0	719
Irvin B. Weaver	32	GrH	6-8	281	16,822	4.3	719
Melvin R. Eby	Elouise	RH	4-5	305	21,100	3.4	718
	Sherry	RH	5-10	305	15,821	4.5	705
Masonic Homes Farms	Rrebecc	RA	7-2	305	16,248	4.4	718
J. Ray Ranck	Jingle	GrH	4-1	305	17,810	4.0	717
Clyde M. Buchen	164 Moll	RH	6-1	305	16,356	4.4	717
	144 Tess	RH	6-0	305	17,732	3.9	693
Sam & Allen Kreider	Molly	GrH	9-1	305	20,012	3.6	714
Robert L. Shelly	Bubbles	RH	7-6	305	16,822	4.2	714
Carl L. Martin	Lynette	RH	7-0	302	18,713	3.8	713
Edwin J. Landis	Opal	RH	5-7	305	25,672	2.8	712
Ivan Zook	55	RH	6-6	305	15,118	4.7	711
Earl N. Landis	Brenda	RH	5-11	305	16,257	4.4	710
Jay L. Ranck	Joy	RH	3-4	305	16,891	4.2	709
James D. Shertzer	Susie	RH	4-2	305	20,233	3.5	708
Christian Zook	Jane	GrH	5-1	305	17,744	4.0	708
Thomas C. Lapp	Margaret	RH	4-9	305	20,381	3.5	707
J. Robert Kindig	Bonnie	RH	6-5	305	20,315	3.5	707

David L. Landis	Diane	RH	5-6	305	18,400	3.8	706
Raymond M. Weaver	24	RH	7-6	305	19,466	3.6	705
John N. Shirk	Trissy	RH	7-4	299	20,888	3.4	704
Raymond & Louise Witmer	Or Glo	RG	4-10	305	14,253	4.9	704
Allen Lee Stoltzfus	Shirley	RH	5-6	305	19,366	3.6	702
Elvin Hess Jr.	Lisa	RH	9-5	305	18,165	3.9	701
E. Richard Bruckhart	Lark	RH	4-10	305	18,761	3.7	700

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FACTS FOR DAIRYMEN

by
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Assistant
County
Agricultural
Agent



Night Watchmen for Heat Detection

Ask a group of dairymen what their major production problem is and generally the answer will be "getting cows bred". With a little more questioning you will find that the major breeding problem is "catching" the cows in heat. If this fits your situation, possibly what you need is a night watchman for heat detection.

Many dairymen with free-stall systems have reported that they "catch" more cows in heat during late evening than at any other time of day. They make it a regular practice to spend several minutes just before bedtime observing their cows. If you are having trouble convincing yourself on a cold winter evening that this is a worthwhile practice, there is now some research to justify this bedtime observation.

In the research study mentioned above, it was found that 45 percent of all heat activity occurred between midnight and 6 a.m. Another 22 percent occurred between 6 p.m. and midnight. This leaves only 33 percent of all activity to be seen between 6 a.m. and 6 p.m. - when most observations for heat are made. It's easy to see how heats are missed, especially the short or weak heats.

Obviously it is not practical to observe your herd of cows constantly, but there are some important things you should be doing to improve heat detection: You should not attempt heat observation when the cows are eating, being milked, or otherwise disturbed; periods of observation should be scheduled at approximately equal intervals throughout the day to avoid missing the short heats; allow at least 10 minutes for each observation period; complete heat records are valuable in predicting when a cow is likely to come in heat; and yes, those late evening observations are desirable and pay off.

Profit Planning For 1975

Farm profits in 1975 are not expected to be much better than 1974. In fact, if present trends continue, profits could be less than 1974. Fred Hughes, Farm Management Specialist, recently reminded us that good farm managers will need to do some planning and pay more attention to details if profit levels are to be maintained. The specific areas dairymen should look at in more detail are:

Feed - Be sure you are feeding a least cost grain

ration. Compare feed grains on their feeding value. Also watch carefully the amount of grain fed. Give the high producers the lions share of the grain. Those cows producing under 30 pounds can get by with little more than good quality forage. Control the wasting of feed by rodents, faulty equipment, and overfeeding.

Borrowed money - Keep your costs down by watching interest rates. Use a minimum of high interest dealer credit. Pay off short term debts as fast as possible but don't pay your low interest mortgage any faster than needed.

Machinery - All machine costs account for 20-35 percent of total farm costs. Keep the costs down by making necessary repairs now to reduce costly down time and improve machine efficiency. Buy the machine to fit the job. Treat machinery like the high priced breakable item it is.

Fertilizer, Seed, Sprays - Use some caution in using these high priced items. Don't over fertilize - know your soils capabilities. Store and use these supplies so none is wasted. Use only the recommended amounts.

Crop Programs - In view of high feed costs every acre of land should be farmed to get maximum net returns. Use careful planning. To dairymen the high cost of protein makes alfalfa a very valuable crop.

Fuel Costs - Fuel saving steps are always in order. Tune-up tractors and other vehicles to increase fuel efficiency. Reduce the number of trips necessary with some careful planning.

Labor - Hired labor will continue to cost more. Reconsider chore routes, bad habits and labor-saving equipment to reduce labor needs.

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