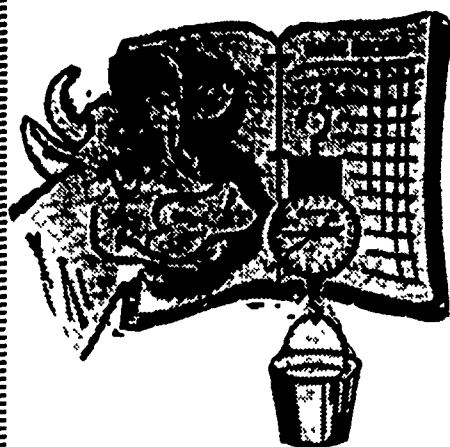


Lancaster Farming

SECOND SECTION



LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein cow owned by the Red Rose Research Center, 226 Pitney Road, Lancaster completed the highest 305 day lactation in August, according to the DHIA report just in from Penn State. Bonnie produced 28,755 lbs. of milk, 1,038 lbs. of butterfat with a 3.6% test. Second high lactation was completed by a Registered Holstein cow owned by Lloyd Wolf, Quarryville R2. Dora produced 23,522 lbs. of milk, 896 lbs. of butterfat with a 3.8% test in 305 days.

The herd of Stanley G. Greiner, Manheim R4, had the highest daily butterfat average. This herd of 230 Registered Holstein cows averaged 53.8 lbs. of milk, 2.02 lbs. of butterfat with a 3.8% test. The herd of Lloyd Wolf, Quarryville R2, placed second. This herd of 41.8 Registered & Grade Holstein cows averaged 51.1 lbs. of milk, 1.99 lbs. of butterfat with a 3.9% test.

The lactations of the first 305 days with 675 or more pounds of butterfat are as follows.

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Red Rose Research Center						
Bonnie	RH	6-0	305	28,755	3.6	1,038
Lloyd Wolf						
Dora	RH	4-2	305	23,522	3.8	896
Carnot	RH	6-11	305	18,427	4.6	843
Jenny	RH	3-10	305	15,731	4.7	736
S R Shellenberger						
Debbie	RH	5-3	305	22,748	3.9	879
Melvin H. Ranck						
Violet	GrH	5-7	305	21,071	4.1	871
Julia	RH	6-0	302	16,311	4.3	705
Paul B. Zimmerman						
Jane	RH	6-7	298	23,172	3.7	863
Flossy	RH	4-10	305	24,271	3.5	855
Janet	RH	8-4	305	17,753	4.0	703
Royal	RH	4-10	305	15,167	4.5	687
J Mowery Frey						
Florence	RH	7-5	305	23,690	3.6	862
Hiram S. Aungst						
Jo	RH	6-6	305	26,272	3.2	845
Marge	RH	5-1	305	16,244	4.6	743
Jay E. Landis						
Princess	RH	7-2	305	19,097	4.4	839
Pat	RH	3-9	305	17,648	4.7	834
Birdie	RH	3-11	305	15,657	4.3	675
Edwin J. Landis						
Linda	RH	5-1	305	23,238	3.6	832
Kim	RH	3-10	305	20,329	3.9	788
Molly	RH	5-7	305	22,894	3.4	785
Jeanie	GrH	5-5	305	19,424	3.9	753
J Arthur Rohrer & Sons						
Moose	GrH	5-9	305	18,891	4.3	815
Curtis E. Akers						
Patches	GrH	4-11	305	21,917	3.7	806
Paul S. Horning						
Jerry	GrH	3-11	285	18,946	4.2	805
Patty	GrH	6-0	305	19,422	3.6	702
Ivan Z. Martin						
Violet	RH	7-7	305	20,915	3.8	804
Elsie	RH	4-9	305	19,368	3.4	683
Harry S. Aungst						
Jane	RH	7-8	305	18,374	4.4	803
Henry E. Kettering						
Pet	RH	8-2	282	17,518	4.5	792
Lucky	RH	3-3	305	20,265	3.6	738
Fern	RH	3-0	305	17,069	4.0	684
C Robert Greider						
Thunder	GrH	3-0	305	17,397	4.6	792
N Gerhart & L W. Nolt						
2	GrH	3-11	305	18,869	4.2	786
14	GrH	4-1	305	19,317	4.0	767
12	RH	5-0	305	16,112	4.5	723
Elam P. Bollinger						
Glenda	RH	4-0	305	18,061	4.3	779
Rosie	RH	3-11	305	16,983	4.1	702
John C Metzler						
Lad Sue	RH	6-10	305	21,305	3.7	778
Reuben Z. Smoker						
Pansy	RH	10-1	305	19,809	3.9	777
Roy H. & Ruth H. Book						
Bess	RH	5-2	296	22,396	3.4	771
O Belle	RH	9-4	301	19,028	4.0	766
Rhoda	RH	5-2	305	18,687	3.7	683
Henry W. Martin						
Bertha	RH	5-6	305	20,904	3.7	771
Titus B Stoner						
Molly	RH	13-6	305	17,438	4.4	770
Robert M Rohrer						
Susie	RH	4-10	282	19,455	3.9	763
John C Groff						
Empress	RH	10-9	305	17,265	4.4	757
Henry B. Leaman						
Gretta	RH	3-10	305	15,846	4.8	754
John A Breneman						
Shirley	RG	4-8	305	13,115	5.7	753

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Daniel L. Martin						
Cindy	RH	4-11	305	20,356	3.7	752
Lester M. Weaver						
84A	RH	6-6	305	19,663	3.8	745
John M. Harnish						
Beauty	RH	11-6	305	19,695	3.8	742
William P. Arrowsmith						
Fannie	RJ	4-0	305	13,392	5.5	740
John U. Stoltzfus						
Ma	GrH	7-3	283	19,271	3.8	735
Mervin M. Weaver						
Sue	GrH	6-3	305	17,788	4.1	735
Irwin W. Engle						
Dee	RH	6-2	305	21,036	3.5	734
Elsie	RH	7-7	305	21,492	3.3	717
Jr. Paul S. Schantz						
Bluebell	RH	6-10	305	19,242	3.8	734
Paul E. Martin						
Mary	GrH	5-1	305	18,987	3.9	732
John R. Sauder						
Beauty	RH	4-11	305	17,944	4.1	729
Calvin S Kurtz						
Triumph	RH	5-1	293	17,294	4.2	728
J Kenneth Heishoy						
Mary	GrH	10-0	305	17,160	4.2	725
Lantz Brothers						
Omsby	RH	7-10	305	20,527	3.5	720
Josphine	GrH	6-5	305	18,103	4.0	719
Amos B Lapp						
Wayne	RH	5-2	305	18,957	3.8	719
Albert E Fry						
Felicia	RH	5-1	305	18,927	3.8	715
Ezra M Martin						
Jemima	RH	4-5	305	18,745	3.8	719
Fay	RH	3-1	305	18,022	3.9	711
Petunia	RH	5-2	305	17,990	3.8	679
Mahlon M. Fry						
Candy	RH	8-0	305	18,281	3.9	718
Samuel F Sauder						
Rainbow	GrH	4-2	305	19,248	3.7	713
Wilmer G Kraybill						
Phil	RH	4-1	282	18,244	3.9	713
Stanley G. Greiner						
Barb	RH	4-2	305	17,765	4.0	711
Titus M Hurst						
Barket	RH	6-3	305	15,921	4.5	710
Kenneth A. Skiles						
Flossy	GrH	5-10	305	19,525	3.6	709
Melvin L Shertzler						
Dot	RH	6-11	305	18,132	3.9	708
David L. Landis						
Minnie	RH	6-5	305	19,808	3.6	707
Lillie	RH	5-3	305	17,322	3.9	681
Jay C Garber						
Dylee	RH	4-0	305	14,726	4.8	707
Andrew G. Miller						
Susan	RH	7-3	305	19,249	3.7	706
Martin N. Heisey						
Minnie	RH	11-1	300	16,518	4.3	705
Paul B Zimmerman						
Janet	RH	8-4	305	17,753	4.0	703
Mervin Nissley						
20	RH	4-11	305	19,073	3.7	702
David S. Lapp						
Rideau	RH	9-5	305	18,131	3.9	701
John H. Thomas Jr.						
Velma	RH	7-1	305	19,592	3.6	697
Dale E. Hiestand						
Irma	RH	4-10	305	13,827	5.0	696
Benuel S. Beiler						
Ruby	RH	7-6	305	18,666	3.7	695
Dolly	RH	5-8	305	16,319	4.2	691
LeRoy K Stoltzfus						
Rosie	RH	6-10	305	17,949	3.9	695
Earl Smoker						
Bluejay	RH	6-0	305	17,893	3.9	695
Robert L. Weaver						
Mae	RH	6-9	305	15,725	4.4	693
John A. Harsh						
Lucy	GrH	5-1	297	17,429	4.0	692
Christian Zook						
Doris	GrH	10-2	305	19,608	3.5	691
Clyde W Martin						
Flashy	RH	3-2	305	18,660	3.7	691
Isaac K. Eby						
Joy	RH	4-11	305	16,247	4.2	688
J Wade Groff						
Emily	RH	6-5	305	16,968	4.0	686
Donald S Eby						
Bonnie	RH	8-1	305	16,781	4.1	685
Willis M Groff						
Rosemary	GrJ	4-3	305	13,015	5.3	685
Ivan S Stoltzfus						
Jean	RH	6-8	305	17,831	3.8	683
Sam & Allen Kreider						
Penny	GrH	6-8	305	17,290	4.0	683
M. Irvin Eberly						
Alice	GrH	7-6	304	16,003	4.3	683
Raymond M Hoover						
Duchess	RH	4-11	305	18,659	3.7	682
Samuel M. Augsburg						
Rena	RH	4-2	305	17,255	4.0	682
Nathan G Stoltzfus						
Rhoda	RH	4-2	305	16,162	4.2	682
Paul N Brubaker						
63	RH	7-8	305	19,514	3.5	681
Melvin G Stoltzfus						
Fobes	RH	6-0	305	17,864	3.8	680
Dan S Stoltzfus						
Johanna	RH	5-0	305	16,938	4.0	680
Kreisle & Lehman						
Polly	RH	6-0	305	18,704	3.6	678
J. Mowery Frey Jr						
Hertz	RH	6-6	305	17,612	3.8	678

(Continued on Page 18)

Facts Dairymen Should Know



By Victor Plastow
Associate Agricultural Agent

Since this is the time of year when hay making becomes more difficult and if batch drying with heated air is for you then consider the following:

- 1 Cut the hay early enough to insure starting with quality.
- 2 Be very conscious of any leaf loss in any of the handling processes.
- 3 Make a bale loose enough to get air to penetrate through the center of the bale.
- 4 Consider a hay conditioner as part of the field equipment.
- 5 Apply ample air quantities to insure a good drying medium.
- 6 Add ample heat to give the desired air temperatures and drying rates.
7. Consider a platform drier for hay quantities between 100 to 200 tons per year.
- 8 Consider wagon drying for hay quantities over 200 tons.

Is Urea Satisfactory In Our Dairy Feed? — Good quality, urea-containing supplements are finally beginning to enjoy greater acceptance in Pennsylvania as in other areas. Satisfactory results are being obtained in the field when high quality supplements containing as much as 7-8% urea are used. Although some research shows a slight advantage of natural protein sources over a urea — containing feed, it is doubtful that these differences are of great importance under the conditions found in most herds.

Sources of Medical Information on Silo-Gas Poisoning — Numerous farmers are exposed to nitrogen dioxide gas produced in silos, especially in dry seasons. Severe exposure can result in instant death. Limited exposure may result in "silo-filler's" disease. Often times this disease is confused with pneumonia because of the lung damage which occurs.

Even slight exposure may result in serious secondary effects. Thus it is important for persons, who have been exposed to this irritating gas, to be examined by their physician at once.

Recent medical references on this problem are as follows:

- 1 Silo-Filler's Disease — A Syndrome Caused by Nitrogen Dioxide. T. Lowry and L. M. Schuman. *Jour. A.M.A.* 162:153-160, (Sept 15) 1956.
- 2 Silage Gas Poisoning. Nitrogen Dioxide Pneumonia, a New Disease in Agricultural Workers. R. R. Grayson. *Ann. Int. Med.* 45:393-408, (Sept) 1956.

A considerable amount of research on this problem is being done at the University of Minnesota. Physicians may obtain the latest information on this problem by contacting Dr. L. M. Schuman, School of Public Health, University of Minnesota, Minneapolis, Minnesota.