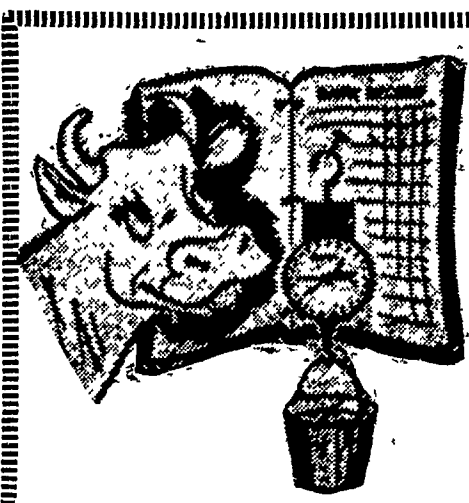


Lancaster Farming

SECOND SECTION



LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein cow owned by Lloyd Wolf, Quarryville R2, completed the highest 305 day lactation in October. Carnot produced 24,295 lbs of milk, 1,190 lbs. of butterfat with a 4.9% test. A Registered Holstein cow owned by S R Shellenberger, Mt. Joy R1, placed second. Debbie produced 23,227 lbs of milk, 916 lbs. of butterfat with a 3.9% test in 305 days.

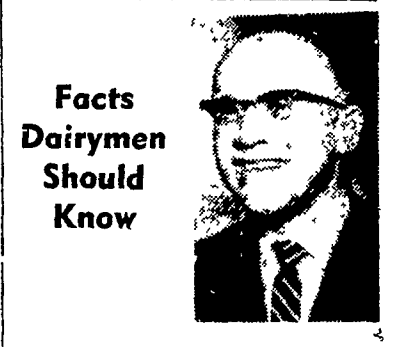
The herd of Carl G. Troop, Quarryville R3, had the highest daily butterfat average. This herd of 18.0 Registered & Grade Holstein cows averaged 51.4 lbs of milk, 2.07 lbs of butterfat with a 4.0% test. The herd of Curtis E Akers, Quarryville R2, placed second. This herd of 35.1 Registered & Grade Holstein cows averaged 54.2 lbs of milk, 2.02 lbs. of butterfat with a 3.7% test.

The lactation-with 665 lbs. or more of butterfat follows:

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Lloyd Wolf						
Carnot	RH	8-1	305	24,295	4.9	1,190
Sue	RH	12-1	300	17,392	4.0	697
S. R. Shellenberger						
Debbie	RH	6-5	305	23,227	3.9	916
Beth 2	RH	8-2	305	21,070	3.7	775
Pride	GrH	6-4	305	20,473	3.7	766
Bess	RH	5-1	305	18,879	3.7	702
Sharon	GrH	4-4	305	18,304	3.7	683
Harriet	GrH	7-10	305	19,398	3.5	671
J. Z. Nolt						
June	RH	6-8	305	25,466	3.5	902
Ann	RH	3-9	305	17,945	4.4	797
Mim	RH	6-10	288	19,966	3.8	755
Collie	RH	6-2	305	17,704	4.0	703
Nathan E. Stoltzfus						
Lois	RH	5-10	305	19,713	4.5	889
Roma	RH	6-1	304	17,997	4.0	717
Ernest J. Sauder						
Sandy	RH	6-0	305	20,765	4.2	874
Ralph Myer						
Kitty	RH	6-1	295	23,557	3.6	859
J. Mowery Frey Jr.						
Lady	RH	8-0	305	18,484	4.6	850
Dewdrop	RH	7-8	305	20,808	3.8	795
Robert L Weaver						
Janie	GrH	3-8	305	19,518	4.3	834
Mae	RH	7-10	305	16,635	4.1	688
Thelma	RH	4-2	305	16,138	4.1	668
John M. Harnish						
Topsy	RH	5-6	297	22,218	3.7	831
Beauty	RH	12-10	251	19,254	3.9	743
Joan	RH	2-11	305	15,671	4.4	683
Robin	RH	5-0	305	19,925	3.4	679
Meg	RH	4-4	298	19,087	3.5	674
Dale E. Hiestand						
Brenda	RH	5-8	305	19,746	4.2	825
Golden	RH	6-11	305	17,322	4.2	726
Titus B. Stoner						
Holly	RH	4-9	305	22,331	3.7	824
Edwin J. Landis						
Molly	RH	6-10	305	23,288	3.5	821
Bonnie	GrH	5-11	305	18,358	4.3	794
Tillie	RH	5-1	305	19,353	3.8	729
Vickie	RH	3-3	305	18,801	3.8	717
Harry G. Kreider						
Marleis	RH	11-1	305	20,424	4.0	820
Kit	RH	5-4	305	18,110	4.1	744
Nelson E. Martin						
Ann	RH	7-2	305	18,448	4.4	812
Gretel	RH	5-0	305	17,563	4.3	753
J. Mowery Frey						
Mable	RH	7-11	305	20,299	4.0	810
Violet	RH	7-5	305	20,363	3.9	785
Ray P. Bollinger						
Fannie	RH	6-0	305	16,567	4.9	809
Jean	GrH	7-1	305	18,071	4.1	733
Edwin K. Wise						
Maybell	RH	5-2	305	23,658	3.4	807
Albert Breneman						
Elsie	RH	6-5	305	22,495	3.6	806
Dot	RH	6-2	280	17,573	3.8	666
Amos C Stoltzfus						
Doris	GrH	6-0	305	19,641	4.1	806
Curtis E. Akers						
Ivadine	GrH	5-3	305	20,940	3.8	791
John & Elam Rutt						
Pauline	GrH	4-5	305	22,220	3.6	790
Diana	RH	5-11	305	18,758	4.2	781
Melvin H Ranck						
Hazel	GrH	7-2	305	18,381	4.3	789
J. Harold Musser & 3						
44	GrH	4-3	305	21,008	3.7	783
Richard H Hess						
Serena	GrH	4-2	305	18,535	3.7	690
J. Floyd Kreider						
Maple	RH	5-1	301	16,124	4.8	781
Ivy	RH	5-9	305	19,593	3.8	744
Woody	RH	3-11	305	16,239	4.1	668

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Ellis D Kreider						
R-16	GrH	5-4	305	20,395	3.8	778
Clair M Hershey						
Helen	RH	6-8	290	19,149	4.1	777
Aaron B Weaver						
Olisa	RH	6-1	303	19,423	4.0	776
LeRoy K Stoltzfus						
Faye	RH	8-1	305	18,758	4.1	763
Alma	RH	5-5	305	17,216	4.0	686
Spotty	RH	9-1	305	17,369	3.9	676
Allen Lee Stoltzfus						
Elsie	RH	7-10	305	21,018	3.6	760
Allan R. Shoemaker						
Marie	GrH	7-2	305	18,877	4.0	760
Seth J. Lapp						
Iva	RH	9-2	305	19,063	4.0	759
Martin E. Ressler						
Molly	RH	6-5	305	18,431	4.1	758
Joseph W. Best						
21	GrH	6-6	305	21,391	3.5	743
Christian Zook						
Sallie	RH	6-5	305	18,241	4.1	743
Faye	GrH	10-2	305	18,544	3.6	669
Brinton & Eager						
Adren	RH	7-2	305	16,431	4.5	743
Willis S Nolt						
Sandra	RH	7-4	305	19,370	3.8	738
Margie	RH	9-10	305	18,028	4.0	718
Bess	RH	9-4	305	19,592	3.4	668
Marvin K Witmer						
Marvel	RH	5-1	284	18,217	4.0	737
Nathan G Stoltzfus						
Polly	RH	4-2	305	13,845	5.3	733
Furry H Frey						
Lois	RH	7-9	305	18,066	4.0	731
Lester M Hawthorne						
Holly	RH	8-0	305	17,376	4.2	726
Samuel F Long						
Shady	RH	7-8	305	19,976	3.6	724
Donald L Heishey						
Jill	RH	7-5	301	16,795	4.3	723
Carrie	RH	5-11	305	15,125	4.4	672
Samuel S Stoltzfus						
Jackie	RH	7-2	305	19,456	3.7	721
Melvin L Shertzer						
Dot	RH	8-0	305	18,907	3.8	721
Robert A Breneman						
Faith	RG	6-5	305	13,685	5.2	718
Aaron S Glick & Sons						
46	RH	5-11	305	20,700	3.5	717
88	RH	4-11	305	17,110	4.0	676
47	RH	4-11	305	18,683	3.6	671
Lantz Brothers						
Chille	RH	7-3	305	18,380	3.0	715
Wilmer G Kraybill						
June	RH	3-2	305	18,356	3.9	715
Lucy	RH	4-3	305	21,844	3.2	707
Henry E Kettering						
Dianne	RH	3-8	305	15,983	4.5	715
Henry W Martin						
Bertha	RH	6-8	305	20,676	3.4	713
Bennie L Fisher						
Anna	RH	9-2	305	17,694	4.0	713
Calvin D. Beiler						
Iva	RH	8-7	305	17,953	4.0	712
Amos M Stoltzfus						
Lady	RH	7-3	292	21,361	3.3	711
J. Robert Hess						
Blanche	RH	5-3	305	18,058	3.9	711
Frances	RH	7-6	305	15,902	4.2	675
Jacob S. Stoltzfus						
Reba	GrH	4-1	304	18,905	3.8	709
Tulip	RH	4-11	305	20,361	3.3	670
Calvin S. Kurtz						
Bell	RH	9-4	305	18,342	3.9	707
Stephen S. Stoltzfus						
Fritz	GrH	6-7	305	17,657	4.0	707
John C. Metzler						
Dolly	RH	5-8	305	17,842	4.0	706
Paul & Marvin Herr						
Beth	RJ	5-11	305	13,072	5.4	706
Paul V. Nissley						
Dimple	GrH	7-5	305	15,928	4.4	704
Melvin R. Eby						
Ann	RH	9-10	305	18,186	3.9	703
Janie	RH	6-11	305	18,377	3.7	675
Flora	RH	7-8	305	19,355	3.5	674
Roy H. & Ruth H. Book						
Rhoda	RH	6-4	305	21,343	3.3	700
T. Lucy	RH	7-1	298	13,121	5.2	681
John A Harsh						
Jill	RH	3-1	305	18,455	3.8	698
Kay	GrH	3-1	305	16,398	4.2	694
Stevie	RH	5-2	305	16,770	4.0	666
Ivan S. Stoltzfus						
Jean	RH	7-9	305	19,724	3.5	697
John U Lapp						
Jess	RH	6-3	305	17,618	4.0	697
Skymour	RH	5-2	305	21,737	3.1	671
Glenn C Hershey						
Sarah	RH	7-3	305	21,715	3.2	695
Ivan Z Martin						
Jo Ann	RH	4-2	305	19,860	3.5	694
Edith	RH	3-4	305	18,370	3.7	671
Kreider & Kauffman						
Roxanne	GrH	4-1	305	16,334	4.2	694
David L Landis						
Almie	RH	3-2	305	18,233	3.8	693
H Richard Hershey						
Gem	RH	4-11	305	17,078	4.0	691
Jennie	RH	6-5	305	17,587	3.9	680
Arthur P Sweigart						
Bonnie	RH	4-10	305	16,840	4.1	690
Christian K Lapp						
Model	RH	4-9	305	15,918	4.3	690

(Continued on Page 20)



Facts Dairymen Should Know

By Victor Plastow
Associate Agricultural Agent

Are You Feeding High Moisture Corn?

Both high moisture ear corn and shelled corn have been successfully fed to dairy on many farms. On some farms, however, problems have been encountered. In some cases the entire ration (forage plus concentrate) has not been properly balanced from the stand point of protein, minerals, and vitamins. Sometimes high moisture corn has been fed at levels too high to allow for sufficient forage or roughage intake. This may result in a high incidence of digestive upsets and metabolic disorders, such as, ketosis, milk fat depression, and founder. In other cases, costly mistakes have been made in sizing silo storage to practical feeding out rates. There has been a tendency to ensile more than can be fed under the existing herd conditions.

Forage Analysis and Feed Programming

Individual help with feeding programs may be obtained through use of the Penn State Forage testing service. Information provided upon request includes minimum crude protein levels for concentrate mixtures, rates of grain feeding, mineral and vitamin recommendations, formulas based on feed supplies and prices, as well as feeding suggestions for dry cows, fresh cows, heifers and calves. Any existing health and reproductive problems are taken into consideration in feed programming. Tests available on forages and concentrates include moisture, crude protein, crude fiber, complete mineral analysis, nitrates and urea. Estimated TDN and ENE values are computed using established relationships. Forage testing, supplies and information are available through County Agricultural Extension offices and many D.H.I.A. Supervisors.

Urea Recommendations

- 1 Gradually convert cows from a non-urea to a urea-containing ration
- 2 Limit urea to 1.0% - 1.5% of the grain mixture as fed to dairy cows largely for palatability reasons
- 3 Do not use urea in mixtures containing raw soybeans or inadequately heat-treated soybean products.
- 4 Make certain that urea-containing mixtures (as fed) are adequately balanced
- 5 Use good mixing methods to insure against intake of toxic levels
- 6 Consider removing urea from the ration of sick cows with impaired rumen function

Breeding Cows on Time Pays Dividends

During winter housing it is easier to miss a heat period, especially one called a silent. However, a good set of records (Continued on Page 20)