A Registered cow owned by Paul B. Zimmerman, Ephrata RD1, completed the highest 305 day lacation. Fern produced 25,997 pounds of milk, 1,061 pounds of butterfat with a 4.1 percent test. Second high lactation was completed by a Registered Holstein cow owned by Calvin D Beiler, Paradise. Pinny produced 27,434 pounds of milk, 1,006 pounds of butterfat with a 3.7 percent test in 305 days.

The herd of John N Shirk, Leola RD1, had the highest daily butterfat average This herd of 30.5 Registered and Grade Holstein cows produced 57.6 pounds of milk, 2.18 pounds of butterfat with a 3.8 percent test. The herd of Elmer E. Kauffman Christiana RD1, placed second This herd of 31.1 Registered and Grade Holstein cows averaged 53.9 pounds of milk, 2.11 pounds of butterfat with a 3.9 percent test.

FIRST 305 DAYS OF LACTATION WITH 640 OR MORE LBS. OF BUTTERFAT.

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Paul B Zimmerman						
Fern	RH	7-0	305	25,997	4.1	1,061
Hope	RH	9-0	305	18,897	3.5	652
Calvin D. Beiler						
Pinny	RH	6-6	305	27,434	3.7	1,006
Kelly	RH	5-10	305	17,118	4.1	704
David K Stoltzfus						
Robin	RH	5-9	305	22,543	4.1	931
Red Rose Research Center						
Lassie	RH	7-8	305	20,543	4.4	901
J Z Nolt						
Abbie	RH	5-4	305	24,708	3.5	863
Galen W Crouse						
Suprise	RH	3-3	305	22,892	3.7	858
Jan	RH	7-2	305	16,567	3.9	641
Dale E Heistand						
Micky	RH	6-5	305	20,747	4.1	856
S R Shellenberger						
Wanda	RH	6-11	305	24,736	3.4	846
Dorisde	RH	9-3	305	17,861	4.1	741
Nixie	GrH	2-5	305	14,861	4.5	667
Minie	RH	2-4	305	16,483	4.0	659
David L Landis						
Clarbel	GrH	4-9	305	23,625	3.6	844
Daisy	RH	8-5	305	.16,887	3.9	658
Donald S Eby						
Vichi	RH	9-3	305	19,515	4.3	831
Jill	RH	6-10	305	16,627	4.5	745
Herbert & Rhelda Royer						
Jerry	RH	6-6	305	23,218	3.5	820
Princess	RH	6-8	305	17,716	3.9	697
Lancaster Mennonite Hospital Farm						
Linda	RH	6-6	305	22,125	3 7	820
R Mudy	RH	4-4	305	18,503	4 2	781
Recharge	RH	4-6	305	18,908	3.7	703
Fran	RH	7-2	305	19,961	3.3	660
Nellie	RH	8-6	305	19,779	3.3	660
Furry H Frey						
Betsy	RH	8-3	305	19,369	4.2	818
Dean	RH	3-1	305	17,557	4 1	715
Lester M Weaver						
70A	GrH	5-10	305	20,397	4.0	811
56C	RH	3-11	305	17,208	3.9	674
J Mowery Frey Jr.						
Pattie	RH	12-4	305	22,252	3.6	801
Nathan G Stoltzfus						
Kitty	RH	4-8	305	20,050	4 0	796
Rut	RH	6-4	305	16,469	4.4	729
Ruth	RH	8-1	305	18,305	3.7	667
James D Shertzer						
Fran	RH	4-10	305	19,089	4.1	779
H Landis Weaver						
Pat	RH	5-8	305	21,547	3.6	774
Harry G Kreider						
Abby	RH	6-7	305	18,675	4.1	764
S Flake	RH	4-6	305	15,678	4.6	725
Anna	GrH	5-0	305	15,349	4.3	655
Mark P Stoltzfus						
Abby	RH	5-9	305	18,017	4.2	764
B F & Mary Eshelman						
21 Selen	RH	4-4	305	17,728	4.3	762
42 Sheri	RH	3-5	305	17,964	3.9	697
Clyde W Martin						
Windy	RH	3-6	305	20,362	3.7	761
Moses N. Good						
Delores	RH	5-0	305	20,914	3.6	756
Duke	RH	9-7	305	15,457	4.1	640
Paul V. Nissley						
Dawn	RH	4-10	305	20,377	3.7	750
Tammy	RH	4-1	305	18,531	3.7	677
Aaron E. Beiler						
Pauline	RH	7-11	291	19,506	3.8	750
Polly	RH	8-10	300	17,600	3.8	672
Raymond & Louise Witmer						
Kebbie	RG	11-7	298	15,082	5.0	750
Lorna	RG	3-10	305	14,988	4.8	712
Penny	RG	5-4	305	14,679	4.7	687
Kelly	RG	10-6	305	13,438	5.0	667
William H. Douts						
Anna	RH	9-0	305	18,734	4.0	747
Robert H. Kauffman						
Brenda	RH	8-11	305	16,869	4.4	746
James W. Bowman						
Heidi	RH	4-7	305	16,622	4.5	746
K. D. & Else Linde						
Dora	RG	7-4	305	15,390	4.8	744
Robert Kauffman Jr.						
Molly	GrH	4-4	294	16,448	4.5	734
J Kenneth Hershey						
Karen	GrH	5-7	305	20,749	3.5	731
Norma	RH	4-4	305	21,883	3.3	730
Christ E. Stoltzfus						
Mary	GrH	10-4	305	19,430	3.7	725
Ida	GrH	2-7	305	14,755	4.5	664
Parke H Ranck						
May	RH	6-3	305	14,300	5.1	723
Rose	RH	2-3	305	18,387	3.5	649
Glenn E. Burkholder						
Verna	GrH	6-5	305	18,731	3.9	722
Wilmer G. Kraybill						
Foy	RH	8-1	305	17,481	4.1	721
Harold L & Don Risser						
Pepper	RH	6-8	305	16,638	4.3	719
Ben S. Stoltzfus						
Vickie	RH	6-11	305	19,922	3.6	716
John T Byers						
3 No 2	RH	5-2	305	16,869	4.2	713
Edgefield Farms						
Alma	RH	5-0	305	15,085	4.7	711
Cora	RH	5-4	305	18,613	3.5	658
Cookie	GrH	5-11	305	16,907	3.8	646
Jonathan B. Lantz						
Magic	RH	7-0	305	20,453	3.5	710
John E. Kreider						
Crystal	RH	9-1	305	17,243	4.1	710
Ellis D. Kreider						
Marlene	GrH	9-0	305	17,314	4.1	708
John M. Harnish						
Sharon 2	RH	4-3	305	16,706	4.2	708
John S. Wenger						
Marj 23	RH	5-0	305	16,574	4.2	704
Prize 12	RH	3-3	305	18,176	3.6	658
Paul N. Brubaker						
45	RH	5-0	305	16,429	4.3	703
Lloyd Wolf						
Louise	RH	3-6	295	15,729	4.5	700
Doreen	RH	3-9	292	15,969	4.3	693
Princess	RH	3-7	305	17,388	3.8	667
Robert F & Joan B. Book						
Ruby	RH	10-2	266	16,126	4.3	699
Marvin S. Nolt						
Tensen	RH	6-1	305	16,578	4.2	696
John P. Lapp						
Citaton	GrH	6-4	305	20,249	3.4	695
Ivan M Hursh						
Doll	RH	7-0	305	18,621	3.7	695
Crystal	RH	5-10	298	18,747	3.6	669
Aaron M Fisher						
Lucy	RH	5-6	305	18,473	3.8	695
J Harold Musser & Son						
43	GrH	5-4	305	19,559	3.5	694
LeRoy S. Smucker						
Blacky	RH	7-0	305	18,182	3.8	694
Mervin Nissley						
4	RH	6-5	305	16,832	4.1	694
Elmer H Weber						
Betty H	RH	3-4	305	17,419	4.0	691
Charles Tindall						
Pet	RH	8-2	305	18,285	3.8	690
Alvin K. Bollinger						
Linda	RH	5-1	298	15,203	4.5	689
Earl S Weaver						
Anna	RH	4-7	305	18,882	3.6	688
Roy H. & Ruth H. Book						
ITTony	RH	10-8	302	18,681	3.7	688
Elvin H. Hess						
Carol	GrH	4-3	281	17,325	4.0	686
Jacob S. Stoltzfus						
Reba	GrH	3-4	305	16,642	4.1	686

(Continued on Page 17)

Facts for Dairymen

by N. Alan Bair, Assistant County Agricultural Agent

Glass Vs. Stainless Steel Pipelines

When you make that initial decision to go to a pipeline milking system, your "decision - making" is only beginning. The many choices of brands and choices of equipment within any one brand seem to be endless.

To add to your possible confusion recent legislation permits the use of either glass or stainless steel milk pipelines for milking machines. In the past, stainless steel has been restricted from some milk marketing areas. The choice of one or the other is now a matter of personal preference or economic considerations.

Glass pipelines permit visability of cleanliness, milk flow, and washing action. The heat loss during the wash cycle is slightly less than for stainless steel.

The procedure of welding stainless steel lines in place is being rapidly adopted in the eastern United States. In fact, a number of new systems here in Lancaster County have used this method. This procedure has been used for many years in milk plants and on farms in the western United States. This means there could be a decided cost advantage to stainless steel in some installations.

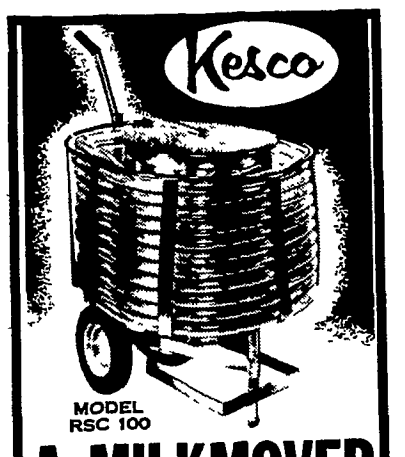
Whatever material is chosen for the pipeline, don't mix the two together, except under special conditions. For example, glass to stainless connections should be made in the vertical position, or with special fittings. That's because stainless pipe is measured at its outside diameter and glass pipe dimensions are for the inside. The two materials installed together horizontally may not drain properly.

Both materials are acceptable for milk handling purposes. Now it's a question of economics and personal preference.

Feeding Dairy Replacements

Future dairy herds must depend on the present heifer

(Continued On Page 17)



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- ELIMINATES EXTRA HELP
- PROTECTS MILK QUALITY
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- HAS ELECTRIC CONTROLS
- FITS INTO ALL BARNS
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