

## SECOND SECTION



A Registered Holstein cow owned by J. Mowery Frey Jr., 401
Beaver Valley Pike, completed the highest 305 day lactation in
May. Rae produced 19,636 lbs. of milk, 982 lbs of butterfat with a
5.0% test. Second high lactation was completed by a Registered
Holstein owned by Jacob S. Dienner, Gap R1. Linda produced 21,
433 lbs. of milk, 955 lbs. of butterfat with a 45% test.

The herd of David S. Lapp, Gordonville R1, had the highest
daily butterfat average. This herd of 25.1 Registered & Grade Holstein cows averaged 55 5 lbs. of milk, 2.17 lbs of butterfat with a
3.9% test. The herd of Paul B. Zimmerman, Ephrata R1, placed
second, This herd of 32.0 Registered Holstein cows averaged 51 4

second. This herd of 32.0 Registered Holstein cows averaged 51 lbs. of milk, 2.07 lbs. of butterfat with a 4.0% test.

The lactations with 600 or more pounds of butterfat in the

first 305 days are as	follow	s:				
	Breed	Age	Days	Milk	Test	Fat
J. Mowery Frey Jr. Rae Dinah	RH RH	8-11 5-5	305 305	19,636 21,360	5 0 4.3	982 929
Jacob S. Dienner Linda Daisy	RH RH	6-8 4-2	305 305	21,433 18,659	4.5 4.2	955 780
John M. Nissley Misty J. Z. Nolt	RH	8-6	、305	20,735	4.0	828
Sandy Maple LeRoy S. Smucker	RH RH	9-4 6-7	305 305	21,463 18,294	3 8 3.8	825 703
Queen Harry S. Aungst		7-7	305	17,896	4.5	805
Elsie Hiram S. Aungst	RH RH	5-6 8-3	305 305	17,645 18,453	4.5 4.3	794 792
Cheerio Ann Robert C. Groff	RH	4-9	305	17,446	4.1	711
Lill Earl Smoker	RH	6-0	305	20,436	38 37	771 750
Bobby Nathan G. Stoltzfus Fobes	RH RH	8-2 5-8	305 305	20,037 21,155	35	736
Marg Rut	RH RH	6-3 2-9	305 305	15,195 12,878	4.1 4.7	618 603
James L. Landis 13 Robert W. Ulrıch &	RH Son	7-4	305	18,151	4.0	734
Sadie Edwin N. Kurtz	GrJ	11-4	305	12,025	61	731
Jean Lloyd Wolf . Becky	RH GrH	6-7 7-2	305 302	16,866 19,008	43 38	724 720
Erma Red	RH GrH	4-9	290 305	16,186 15,427	3.9 4.0	637 624
Sally Lester M. Hawthorn		2-7	305	16,344	3.7	604
Sue Jane Donald S. Eby	RH RH	6-9 8-5	305 305	17,859 16,195	4.0 3.8	715 620
Jewel Nancy Harry L. Troop	RH RH	7-10 7-9	305 305	16,852 17,783	4.2 3.9	715 691
Cherry Arleen	RH RH	5-4 6-8	305 305	14,498 16,915	4.9 3.8	709 647
Molyfay Titus B. Stoner Star	RH RH	3-2 6-8	305 305	13,050 20,733	4.7 3 4	609 707
Joy Jay C. Garber	ŘĤ	4-0	305	16,932	3.7	631
Diece Lester M. Weaver	RH	5-4	305	14,733	4.8	706
19B Brinton & Eager Bea	RH RH	5-2 5-8	305 305	16,471 19,969	4.3 3 5	701 698
Diane Reuben Z. Smoker	RH	3-9	305	13,850	45	618
Maud Walnut Run Farm	RH RH	6-6 5-11	305 305	17,991 15,708	3 9 4.4	695 691
Star Ezra M. Martin Carol	RH	<b>7</b> -6	305	16,312	42	690
John C. Groff Spring	RH	7-5	305	15,069	46	690
Levi K. Esh Rocket Melvin H. Ranck	RH	<b>4</b> -8	305	18,157	3.8	687
Clara Paul S. Horning	GrH	4-9	305	15,780	43	685
Burke Jonas E. Zook	RH	5-0 6.4	286	14,689	4.7	685 684
Sue Clarence Stauffer Sylvia	RH RH	6-4 7-4	305 305	20,122 21,295	3 <b>4</b> 3.2	682
Robert F. & Joan B Patsy 1	Book RH		305	17,461	39	681
Paul & Robert Wer Hester Inky	iger GrH RH	5-6 5-2	305 305	16,369 14,971	4.2 4.3	680 644

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Ë	Owner - Name B	reed	Age	Days	Milk	Test	Fat	•
	Allan R. Shoemaker Ella	RH	7-8	305	18,499	37	676	
	S. R Shellenberger Patty	RH	5.3	305	16,029	42	674	
Ξ	V. Ferry Rohrer Ollie	RH	7-9	305	18.274	3.7	670	
	Amos C Stoltzfus Beauty	GrH	6-9	305	17,939	3 7	665	
≣	Paul N. Biubacher 79	RH	5-7	305	16,469	4 0	665	
	Nelson H. Hershey Reva	RH	5-4	305	15,614	43	665	
	Walter E. Mowrer 54	GrH	6-7	305	17,543	38	661	
*/	Bennie L Fisher Blackie	GrH	5-2	305	13,653	48	660	
Ξ	Furry H Frey Blackie Harry H Ranck Jr.	RH	8-0	305	16,681	40	659	
n a	Ruth Lou	RH RH	6-4 4-11	305 305	15,344 15,037	4 3 4.3	659 646	
d i,-	Bethania Farm Sally	GrH	9-8	305	15,218	4.3	656	ŀ
st	J. Mowery Frey Cindy Cindy	RH	5.5	305	17,373	3.8	654	
l- a	Amos M. Stoltzfus Gail Sam & Allen Kreide	RH	3-5	305	14,684	45	654	
d 4	Gina Ja Jean Dairy Farm	RH	4-6	305	17,079	3.8	651	ĺ
e	Princes Raymond M. Hoove	RH	5-10	305	16,721	39	651	
t	Kay Dawn	RH RH	3-7 3-8	305 287	19,046 16,750	3 4 3.7	650 613	
32 29	Arthur P. Sweigart Rosa Henry W. Martin	RH	7-8	305	17,916	36	649	
55	Dinah Dianne	RH RH	4-2 6-8	305 291	17,554 15,038	3.7 4.0	649 603	
30	C. Witmer Sherer Marsha	RH	5-4	305	15,621	4.2	649	
8	Robert H. Kauffmai Rockie Nancy	1 RH RH	12-6 2-3	305 305	16,633 14,786	3.9 4.1	648 611	
25 3	Fobes Parke H. Ranck	RH	3-8	305	15,759	3.8	602	
)5	J. Floyd Kreider	RH	2-3	305	15,172	4.3	647	١
)4	Jaime Willis S. Nolt Elva	RH RH	11-7 3-10	305 305	18,508 16,997	3.5 3.8	644 642	
)2  1	Calvin D. Beiler Emily	RH	3-10	305	13,779	4.7	642	ļ
71	Raymond & Louise Kebbie		7-11	305	12,728	5.0	642	
0	C Robert Greider Jewel	GrH	4-4	305	17,051	3.7	638	
8	J. Kenneth Hershey Marylou Ernest J Sauder	RH	4-1	305	16,305	39	638	١.
4	B <b>o</b> bbie Wanda	RH RH	3-0 6-1	305 305	$14,026 \\ 14,925$	$\begin{array}{c} 45 \\ 40 \end{array}$	638 601	
1	Eli S Kıng Lilly	GrH	7-3	305	16,723	38	634	
4	Andrew G. Miller Lucy Amos & Eleanor He	GrH	3-7	295	16,882	3.7	632	
0	Beauty Mervin Nissley	RH	3-0	305	13,756	46	631	
4	17A 2	GrH RH	7-9 6-11	305 305	17,871 17,142	3.5 3.6	630 618	
5	6 Ben M. Stoltzfus Lady	GrH RH	2-10 5-11	305 305	14,829 15,815	4.1 4.0	615 630	
5	John J. Landis	RH	3-9	305	18,671	3.4	629	
5	John N. Landis	RH	6-8	305	18,157	3.4	609	1
9	Fawn Alma Benuel S. Beiler	GrG GrG	7-8 4-8	305 305	13,658 13,039	46 4.7	629 611	
9	Dude Alvin K. Bollinger	RH	9-8	305	16,727	3.8	628	
1	Goldie Daniel S. Esh	RH	4-1	274	14,398	4.4	628	
6	Sadie Isaac M. Brubaker June	GrH RH	9-2 4-5	305 305	16,567	3.8	625	
1 8	M. Irvin Eberly Honey	GrH	3-10	305	22,817 17,233	27 36	624 624	ľ
8	Jay R Foreman Hılda	RH	5-11	305	15,743	39	621	
5	Arthur D. Wenger Nector	RH	3-7	305	12,886	48	620	
1	John Omar Stoltzfu Louise Willis M Martin	RH	6-10	305	17,698	35	619	
Ю <u> </u> Ю	Lıza Nelson E Martin	RH	7-11	305	16,770	37	618	
7	Jo David L Landis	RH	3-7	305	15,534	40	615	
5	Sally Bon J. Arthur Rohrer &	RH RH Sons	7-1 7-5	305 305	14,710 16,477	$\begin{array}{c} 42 \\ 36 \end{array}$	615 601	
5	Linda Kenneth A. Skiles	RH	8-9	305	17,829	3 4	613	
4	Terry John L Landis	GrH	7-4	305	13,507	45	612	
2	Tilly N Gerhait & L. W.		7-3 4 0	305 305	17,937	3 <b>4</b>	611	
1	33 Henry B Leaman Zinky	GrH GrH	4-0 4-8	305 305	15,340 15,087	40 40	611 611	
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By Victor Plastow Associate Agricultural Agent

It is advisable to have cows freshen in the fall when they are to be tested, for their yield of milk will be appreciably higher than if they freshen another period of time Also, the percentage of fat for the year will be slightly higher.

Age for first calving-heifers that are well grown for their age may be bred to calve at an earlier age than those which lack development Most dairymen plan to have Holstein, Brown Swiss and Ayrshire heifers freshen at 27 to 30 months of age, and Jersey and Guernsey at 24 to 27 months. If heifers are properly developed, their total production up to a given age will be greater if 649 they first freshen when slightly younger than this. Heifers that 648 calve relatively early will not produce quite as much milk in their first lactation as when calving is delayed a few months. However, considering the addi-644 tional cost of carrying a none producing heifer a longer time, 642 fairly early calving is generally more profitable. Also, if breeding is delayed too long, it is often much more difficult to get a heifer in calf Heifers that calf early must be fed liberally during their first lactation, so that their 638 growth will not be stopped Otherwise, they will not reach normal mature size

Regularity and Kindness are 634 more important with dairy cows than with other farm animals. The highest yielding cows are usually of nervous temperament. and especially with such animals, 630 excitement often causes a sharp 618 decrease in yield. Cows being driven should not be hurried, and attendants should never strike or otherwise abuse them. Good dairymen now realize the 609 fact brought to public attention that dairving is based on the maternity of the cow, and treat their animals accordingly. If you so handle the cows that they are fond of you, you have learned one of the most important lessons that lead to profitable dairy-625 ing. A cow's affection for the calf prompts the desire to give it milk, if you gain her affection she will desire to give you milk.

The sharp decline in milk production which often occurs in mid-summer is sometimes attributed to the annoyance of the cows by flies Investigations have indicated, however, that in most dairy regions the decline is usually due more commonly to the heat or to a scanty supply of pasture at this time Cygon has been widely used during recent years for spraying stables to eradicate flies

