T	100			- •;		
lair L. Hoo	ver GrH	4-9	305	16,155	4.5	726
51	GrH	8-11	305	18,326	3.7	682
7		0-11	500	10,020	<i></i>	002
paniel W. Fo	GrH	5-3	305	19,747	3.7	724
Bell	eme Olli	0-0	500	10,111	0	
Edgefield Fa	RH	3-0	305	21,079	3.4	722
Grace	RH	6-3	280	18,153	3.9	702
Netti	ŔĤ	6-8	305	19,002	3.6	686
Alice	RH	3-5	305	21,470	3.2	678
Laddie	RH	3-2	305	19,494	3.3	650
Joan		0-2	000	10,101	0.0	•
Harvey E. H	GrH	5-2	305	17,856	4.0	722
34	GrH	5-7	305	21,662	3.0	656
55		U-1	500	21,002	0.0	
Paul H. Rohi	GrH	9-11	305	18,422	3.9	721
43	GrH	5-11 5-4	305	17,875	3.8	684
46		U-1	000	11,010		
ellis D. Krei	GrH	4-8	305	19,083	3.8	717
80	GrH	4-11	305	16,408	4.3	700
70	GrH	3-7	284	17,656	3.8	665
85		0-1	201	1,,000	0.0	-
Earl E. Mar	RH	3-7	305	18,284	3.9	717
Kay	RH	3-2	299	15,536	4.4	676
Daisy Abram & Jol	hn Rarios		200	10,000		•••
	RH	5-6	303	21,038	3.4	716
257	RH	6-1	288	20,275	3.4	696
198	RH	4-1	277	19,029	3.6	694
296	GrH	4-1	289	18,372	3.7	678
169 Albert E. Fr		7-1	200	10,012	0	0.0
	RH	6-3	305	18,941	3.8	716
Dorcis Hiram S. Au		0-0	000	10,011	0.0	
	RH	5-3	305	18,271	3.9	715
Linda Glen D. Hers		0-0	500	10,2.1	0.0	
	7-11	6-1	305	18,871	3.8	714
Connie David W. Sw		0-1	000	10,011	0.0	
David W. Sw Dolli 49	GrH	3-11	305	17,188	4.2	714
S 96	GrH	3-10	305	14,577	4.7	680
		5-10	800	12,000		٠ ,
John P. Lap	RH	5-4	305	20,455	3.5	713
Celma Isabelle	RH	5-10	301	17,869	3.8	674
i isabette William J. A			991	11,000	0.0	V. 1
	aron & Si GrH	3 - 0	305	17,391	4.1	713
Susan		J-U	200	11,001	1.1	.10
Andrew G. N	RH	6-0	305	19,973	3.6	711
Jan	RH	3-2	305	18,883	3.5	657
Ding C. D. Shallon		J-4	JUJ	10,000	0.0	
S R. Shellen	werger RH	5-4	305	18,061	3.9	709
Zela		J~1	900	10,001	G. 3	100
Joseph W. B		4-7	305	17,769	4.0	709
47	GrH	·X-1	900	11,100	1.0	



Design a plow with a big 3-foot clearance between bottoms increase the width of the furrow to 18 inches make the stub beam longer Happy result the Allis-Chalmers 2000 Series Monoframe plow Eight square feet of clearance so more trash can get through High-speed plowing without stopping too because Bump & Run bottoms lift hydraulically over obstacles and reset automatically No need to leave the tractor seat Seeing is believing so come in now!



No Interest On Tractors or Implements bought with tractors until March 1, 1977.

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Ag.-Industrial Equipment R2, Rising Sun, MD 301-658-5568

675 GrH 7-5 17,614 3.8 34 655 83 GrH 4-2 18,015 3.6 Kenneth G. Groff 19,361 707 Blackie **GrH** 6-11 3.7256 16,339 4.3 698 3-5 RH Spring 7-9 3.5 685 GrH 305 19,505 Nancy J. Richard Boll 305 3.6 704 3-9 19,517 GrH 153 RH 8-6 305 19,907 3.5 703 **Birdie** RH 5-9 305 17,968 3.8 687 Audrey J. Carl Zander 703 RH 305 17,987 3.9 Lois RH 8-3 305 17,778 3.7 660 Dee Dee Britain Acres Farm 702 21,790 3.23-3 305 123 RH Parke H. Ranck 702 Ethel RH 6-0 290 15,101 4.6 Willis S. Nolt RH 301 20,245 701 4-6 3.5 51 Nathan G. Stoltzfus 701 8-5 305 18,415 3.8 RH Kitty Henry & Paul Martin Lucky RH 3-2 305 16,671 4.2 701 Paul N. Brubaker 700 305 18,095 3.9 RH 7-4 Harold L. Weiler 700 5-10 304 17,645 4.0 Ann RH Stephen J. Stoltzfus RH 6-2 305 17,109 4.1 699 Franny Paul D. Trimble GrJ 305 13,335 5.2 699 Etta 4-9 Paul H. Hursh 697 138 GrH 7-5 305 20,002 3,5 298 15,611 4.3 666 GrH 3-5 J. Henry Stoltzfus 6-2 305 16,270 4.3 696 GrH Spangler Brothers 17,520 695 6-8 305 4.0 Ellen GrH 305 17,150 4.0 688 Becky GrH 8-11 W. Eugene Witwer 695 RH 4-9 305 16,594 4.2 Janie Glenn E. Burkholder 694 4-0 305 17,379 4.0 Sarah RHRobert W. Ulrich Jr. 305 14,481 4.8 694 6-2 Molly GrJ Samuel F. Long RH 3-0 301 19,073 3.6 692 Inky 660 19,475 3.4 Topper RH 4-10 305 Allen Lee Stoltzfus 3-0 305 16,095 4.3 692 **Eclipse** RH Paul W. Zimmerman 690 19,995 3.5 GrH 5-4 71 18,289 3.6 661 4-3 305 77 GrH Triple H. Farms 305 689 19,611 3.5 23 GrH 6-11 Harry M. Brenneman 6-6 305 12,897 5.3 689 Dotty RG David S. Smucker 305 20,960 3.3 688 RH5-4 Lakes Marvin K. Witmer 5-4 305 18,433 3.7 688 Beth RH P. Robert Wenger 684 6-3 305 17,194 4.0 Pastel RH Furry H. Frey RH 305 15,621 683 Gertrud 4-2 4.4 Christian M. Hess 6-3 20,933 3.3 682 299 Connie GrH Earl L. Hershey 3.6 682 305 18,911 RH 2-3 241 681 16,311 4.2 3-1 305 231 RHClair M. Hershey 682 18,555 3.7 305 RH 4-7 Liza 655 305 17,261 3.8 RH 4-1 Dorinda Robert & Joyce Wagner 4.7 680 14,321 RG 305 Bopeep Edgefield Farm No. 2

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Lancaster Farming, Saturday, Jan. 1, 1977—59

TT 17. 12.44									
Henry E. Kett		0.5	905	00 100	3.4	678			
Fobes	RH	3-5	305	20,162	3.4	010			
Raymond M. V			000	10 700	0.0	C70			
98	$\mathbf{R}\mathbf{G}$	6-2	288	18,780	3.6	678			
Paul D. Welk						070			
Debbie	RH	5-10	305	18,007	3.8	678			
Rhelda & Lynn Royer									
Jo Jo	RH	3-3	305	14,808	4.6	678			
Martin N. Hei	sey								
Milky 18	RH	3-7	305	19,366	3.5	677			
A. Dale Herr (Holstein)									
77	GrH	6-6	305	17,279	3.9	676			
Mar Mulldale Farms									
Mellie	RG	4-11	305	12,919	5.2	676			
J. Eby Hershe	ey								
Renea	RH	4-2	305	18,469	3.7	675			
Collen	RH	3-2	305	18,041	3.6	651			
Thomas C. Lapp									
Charm	RH	8-6	302	17,232	3.9	675			
Glenn H. Shenk									
Raven	RH	5-11	305	18,976	3.6	674			
G. M. Weaver				,					
Susie	GrH	6-2	305	22,635	3.0	672			
Henry B. Lean		~ –		,					
Peta	RH	4-11	305	18,515	3.6	672			
John O. Stoltz			000	10,010	•••				
Daisy	RH	6-2	305	19,081	3.5	668			
J. Kenneth He		0.2	000	10,001	0.0				
Grace Grace	RH	7-2	305	18,321	3.6	668			
Romella Farm		1-2	500	10,021	0.0	000			
	rg RG	6-4	305	14.800	4.5	668			
Grace	RG	7 -2	294	12,244	5.4	657			
Sunshine	пG	1-0	4J4	14,444	J.T	001			
	[Con	tioned .	n Dage	COI					

[Continued on Page 60]



Facts for dairymen

By Alan Bair Assoc. County Agent Lancaster, Pa.

END OF YEAR ODDS AND ENDS

As a Christmas present to myself I decided to clean off my desk and give some organization to my office. The results may not be immediately apparent; but, I did run across some lists of information that I don't know were to file, but you might find useful. If you use them, I won't have to tile them!...

Item - one 3-1/2 by 5 inch card with the word "lice" written on it. Lice and barn itch can cause a lot of discomfort to dairy cattle in the wintertime. Most cows in Pennsylvania would benefit from a treatment with coumaphos or ciodrin during the winter to keep down the discomfort. You don't have to wait until the hair falls out and cows scratch themselves open to treat. In all likelihood, a thorough treatment would cut down on the number of "dancers" at milking time.

Item - Milking School Registration Form. We will be holding another milking school in Lancaster on January 18-19, 1977. As a result of our schools these last two winters, you asked for this one. I already gave out the registration form, but you can enroll by sending me your name, address, telephone number and a five dollar check made out to "Extension Service". You do not have to be a Lancaster County Dairymen to enroll -All you need is time to be in Lancaster from 9:30 a.m. -3:00 p.m. on those days, five dollars, and the will to be a better milker. secretaries tell me we have one strange applicant with a funny name and a far north address. How do you milk a reindeer? Ask Steve Spen-

Item A - A listing of DHIA averages for the last 36 years Most of you are doing

quite a job out producing milk! In 1940 the Lancaster County DHIA average was only 9,344 pounds of milk - in 1976 it was 13,762 pounds. What does the future hold? I think we are only just beginning achievement and efficiency will only get better. Yes, your costs of production are going up rapidly; but, in the last year alone, value of product over feed cost rose more than \$200 per cow. Better buy the wife a new coat for Christmas; it's cold and those cows need attention!

Item - List of teat dips. Teat dips have been proven to be effective in keeping down the incidence of new mastitis cases in the dairy herd. The National Mastitis Council did some testing and came up with an approved listing. If your teat dip is not on the list, you're missing the boat. Also, remember: keep it fresh - no 30 gallon drums or several cases sitting around don't let it freeze - the pH may go downdown-down-ouch; and, start over with fresh material each day. Yes, DIP, not spray, seems to be more effective. If you don't have the listing. I have an extra one.

Item - A big pile of feeding program recommendations from PSU. Many of your neighbors are realizing how profitable forage testing and feed programming can be. These on my desk won't do you much good, but with a little effort on your part you could have one specifically tailored to you and your cows' needs. And, how about this! Your DHIA supervisor will even help fill out the simple form. Such a deal at such a price!

Thanks so much for taking these items from my desk. That gives me a fresh start for the new year, and I hope it does the same for you.