DHIA MONTHLY REPORT

(Continued from Page 17)

Owner I	Breed	Age	Days	Milk	Test	Fat
Amos H. Rutt Bonnie	RH	4-0	272	15.812	44	698
Gail Blossom	RH GrH	7.1 10-1	305 305	14,473 16,449	47 3.9	682 640
John L. Landis Horn	U1	9-0	305	17,131	41	696
Aaron S. Glick & S	ons GrH	6.5	305	16,701	4 1	693
Ben M Stoltzfus Lark	RH	4-6	305	17,535	3 9	690
J. Clayton Charles Dessie	RH	4-4	305	16,316	42	688
Calvin D. Beiler Lou	RH	10-7	305	16.905	4 1	686
Queameade Farms Audrey	RH	5 6	305	15,521	44	685
Harold M. Shenk Bossy	G1 H	5 9	305	18,367	37	684
John M Nissley Whity Ivy	RH RH	6-0 7-1	305 253	18.190 16,170	38 41	684 671
John A. Harsh Susie	GrH	8-2	305	19,052	36	683
Martin N. Heisey Betsy	G: H	8-5	305	21,471	32	682
A. H. & E. Shelly Ginny	RH	5-6	305	18,525	37	680
John S. Yost Doris	RH	8-9	300	16,650	41	680
J. Eby Hershey Bubbles	RH	8-2	305	19,509	35	674
Nelson H. Hershey Mattie		10-4	291	17,108	3.9	674
Ralph Myer 78	GrH	3-5	305	17,128	39	673
David S. Smucker Lindy	RH	4-3	305	17,277	3.9	672
Sam & Allen Kreid Pam	ler GrH	6-4	305	16,690	4.0	671
Jacob R. Houser Jr Susan		2-4	305	15,247	44	671
Nelson E. Martin Grace	RH	5-3	305	16,216	41	669
B F. & Mary Eshel Bark		7-8	305	15,431	43	669
Lantz Brothers Annie	RH	5-5	305	16,230	4 1	667
Galen W. Crouse Candy Ernstar	RH RH	3-4 2-6	305 305	17,799 14 571	$\begin{smallmatrix}37\\44\end{smallmatrix}$	666 644
James A. Hess Sally	RH	6-3	305	16 945	3 9	666
Frank J. Yost Mel	RH	6-0	305	16 560	4 0	666
Raymond & Louise Maple		3-11	305	13,356	5 0	666
Minuet Clair M. Hershey	RG	7-5	305	12,783	51	646
Queenie Tangie Samuel M. Augsbui	RH RH rger	6-2 3-7	292 303	16,383 15,221	$\begin{array}{c} 4\ 0 \\ 4\ 2 \end{array}$	646
Orpha William P. Arrowsi	RH	4-1	301	15 510	43	662
Holly John C. Groff	RJ	4-3	305	12,523	53	662
Jo J. Richard Garber	RH	6-5	305	17,428	38	661
Joan Reba	RH RH	6-3 7-2	305 305	17,273 20,778	38 31	659 649
Elmer H. Weber Molly	GrH	7-11	305	15,432	43	658
John N. Landis Mavis	RG	7-11	305	15,065	44	658
N Gerhart & L W	. Nolt RH RH	4-2 4-4	297 305	14,071 17,259	47 38	657 652
Melvin R. Eby Lynn	RH	5-4	305	16,123	41	656
Earl L. Hershey 91	RH	7-4	298	17,974	36	654
86 Monroe W. Good	RH	6-9	305	14,075	46	641
40	RH	7-6	305	16 538	40	654

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(Continued from Page 17)

but much more positive under the local fieldman during the all conditions Do not use both fan and ridge vent

ESTIMATING TANK SIZE FOR LIQUID, MANURE - The desired size of the tank depends

- 1. Number of animais.
- 2. Length of time for storage. 3. Amount of water to be flushed into the storage
- 4. Weather and land conditions

manure and urine per day The storage capacity for different storage periods are as follows:

Days storage	Per Cow	40 Cows	60 Cows	
1	2	80	120	
30	60	2 4 0	3600	
60	120	480	7200	
90	180	720	10,800	

The Pennsylvania Dairy Sanitorians Association has approve nutritive return for money spent ed a set of guide lines for liquid manure systems. These suggested guide-lines give recommenda milk.

tions for tank size. location and construction materials.

It is important to check with planning stages Individual plans must be approved.

FOOD COST-CUTTERS

When you buy meat, consider the amount of lean meat in the cut, not the cost per pound. Some cuts contain bone, gristle, and fat waste.

Bacon, which is largely fat, is will produce two cubic feet of one of the most expensive foods

> Chicken and turkey have a large proportion of bone to lean. but are often bargains compared with other meats Fish is high in nutrients, often low in cost.

> Eggs are usually a less expensive source of nutrients than most meats

Serve liver, it gives you a high Buy bread that's whole-grain or enriched and that contains

1	Owner · Name · I	Breed	Age	Days	Milk '	Test	Fat
•	Harry Zimmerman Polly	RH	6-11	305	16,300	4.0	654
	J. Kenneth Hershey Millie	GrH	6-4	305	18,934	3 4	653
	J. Z. Noit Bess Weldler Brothers	RH	6-4	293	21,056	3.1	650
1	Weidler Brothers Velma Joseph L. Fisher	RH	5.2	305	18,350	3.5	649
	Rainbow Joseph Eshleman	RH	8-11	287	16,613	3.9	648
}	Doris Elsie	GrH RH	5-10 6-1	305 305	17,016 16,661	3.8 3.9	647 643
}	Harry H. Ranck Jr. Hope	RH	6.6	305	16,447	3.9	647
)	Ben S. Stoltzfus Reflect Henry B. Leaman	RH	9-7	305	14,341	4 5	647
}	Gretta John M. Smucker	RH	5-5	263	15,514	4 2	646
;	Whity J Earl Horst	RH	8-3	303	20,665	3 1	644
į	Archie David S. Huber	RH	42	305	19,276	33 42	643 641
ŀ	J C Pownall Est.	RH GrG	6 4 5 6	305 305	15,136 11,658	55	641
Ļ	Phylis Samuel K. Stoltzfus Beauty		5-3	305	19,170	33	640
	J. Mowery Frey Bonnie	RH	7-11	303	18,742	3 4	640
• • !	John R Sauder Maggie	GrH	4.9	305	17,140	3.7	640
1	l						

HIGH DAILY BUTTERFAT AVERAGES

1	241011 21	Days	N V.	% Cow Days	W:13-	%	Fat
Name	Breed	On Test	No. Cows	In Milk	Lbs.	Test	Lbs
Samuel F. S				07.0	50.0	0.0	2 07
	R&GrH	32	35 0	97.6	53.2	3.9	201
Ralph Myer	R&GrH	31	55.9	89.4	50 6	40	2 00
Ivan Z. Mar	tin R&GrH	29	44 6	93.6	50 8	3 9	1 98
Amos B. La		23	77.0	00.0	000	•	
F	&GrH	30	36 0	89 3	547	36	1 96
Donald S. E	lby LH	27	44 6	93.0	46 4	4 1	1 92
Paul S Hor	ning						
	&GrH	26	35 0	99.7	53 9	3 5	1 90
Henry E Ko	ettering H	29	59 1	86 9	46 7	41	1 90
David L La							
	&GrH	29	31 0	89 0	47 9	40	1 90
	ry LH	31	32 1	86 7	47 6	4 0	1 89
	lartın	01	<i>0</i> 2 1	00.	1.0	10	2 00
	H	28	35 4	89 7	47 9	39	1 88
J Z Nolt	TT	00	00.0	00.0	-0.0	0.0	1.00
Kreider & K	H Cauffman	38	36 3	88 3	52 2	3 6	1 88
	&GrH	33	45 3	93 4	496	38	1 '37
J Eby Hers							
	H	34	33 3	88 9	45 7	41	1 87
	eider Aix	31	73 8	90 6	46 8	4 0	1 86
	zler	OI	190	<i>90</i> 0	2 0 0	ŦU	1 00
	H	29	41 4	88 7	483	39	1 86



Sheep Course

Whether sideline or main farm enterprise, sheep raising is for the knowledge shepherd. High grade lambs and quality wool come with good care and intelligent management

A sheep husbandry correspondence course, now offered by Pennsylvania State University puts the main emphasis on management of small flocks, typical of those in Pennsylvania.

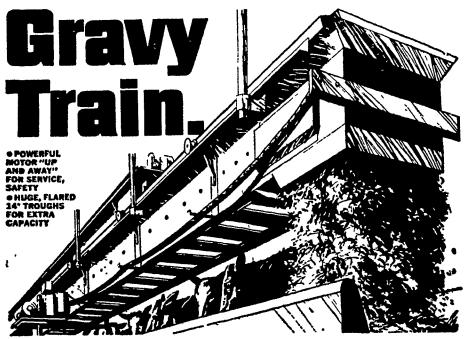
Lessons cover housing and equipment needs, nutrition and feeding practices, diseases and parasites and their control, plants poisonous to sheep, and lamb and wool marketing.

Thirty-five to 40 ewes are about the smallest number for a worthwhile farm flock, according to the correspondence course. With fewer than 35, the sheep project usually fails to receive the attention it deserves.

Send your name and address and \$3.45 to Sheep Husbandry, 198 Box 5000, University Park, Pennsylvania 16802 Make checks to Penn State There are no other charges and a complete course copy comes to you by mail.

Dwarf Fruit Trees

Popular varieties of dwarf apple and pear trees are usually available from most nurseries. Compact trees offer several advantages to booth the home or-188 chardist and commercial grower, says C. Marshall Ritter, ex-188 tension pomologist at The Pennsylvania State University. They usually begin to bear earlier than standard-sized trees Also, several varieties of compact trees can be planted in the space required for a stand-186 ard variety



Strength, Performance, Dependability. You've got'em all with VAN DALE'S NEW TRAVELING BUNK FEEDER.

Van Dale's SCF-1400 is the traveling feeder to put you on the track to faster, more profitable operations. Automatically, it delivers up to 40 tons of silage per hour to bunks on a single chain, continuous "shuttle" service.

Feeder trough chain is No. 67 pmtle (12,500 lb. strength) and drive chain is C-550 steel (average top strength of 10,000 lbs.). Interlocking, snap-together galvanized metal components reduce erection time as much as 50%. Suspended or floormounted, rails are mounted with Van Dale's exclusive clip-on brackets to provide extra-rigid support. Unit adapts to any feeding need in-barn or out-of-doors.

CALEB M. WENGER

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