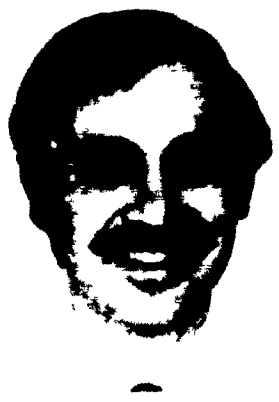

Facts for dairymen

By Alan Bair

Assoc County Agent
Lancaster, Pa

Sampling For Forage Testing

Some dairymen do not use forage testing because they feel that samples taken will not be sufficiently representative of their supply Field or farm difference and dependency on purchased hay are some of the factors which often concern them

During a recent visit with Dick Adams at Penn State's Forage Testing Laboratory he indicated that these fears or excuses for not testing are not substantiated by observations of tests obtained from farms where forages have been sampled at almost monthly intervals. Suprprisingly little variation occurred among major types or cuttings of forage in a given year. Even more surprising, shipments of purchased hay did not vary appreciably.

Forage analysis and feed programming can be a useful tool even on farms covering large acreages and those purchasing forage. It enables closer balancing of rations compared to the use of average analysis or general feeding guides. This may result in improved animal performance and or decreased feed costs.

Hay samoles may be taken as soon as the hay is low enough in moisture to keep safely without artificial curing Corn silage samples may be taken at ensiling or feeding out Samples should not be taken at ensigling unless the moisture level is sufficiently low toprevent appreciable seepage

Samples of silage other than corn should be taken only at feeding out This makes possible adjustments in feeding value, due to heat damage which may have occurred during ensiling

Both standard analysis and mineral tests should be obtained in most cases Sulfur tests should be obtained periodically. Nitrate and NPN tests should be reserved for problem situtests should be reserved for problem situations in most instances.

Legume or mixed mainly legume forages should be sampled separately from grass or mixed mainly grass forage. First-cutting forage should be sampled separately from aftermath cuttings which may be combined. Each silo of material should be sampled on large farms. More than one sample should be submitted from extremely large silos.

Lancaster Co. DHIA

(Continued from Page 87)

Paul S Horning						
Betty	GrH	4-1	305	18,525	4.0	738
Tiny	GrH	9-2	305	16,665	4.2	699
Elaine	RH	3-2	305	17,873	3.7	654
Triple H Farms						
346	GrH	4-10	305	18,640	4.0	737
66	GrH	5-9	305	18,760	3.7	685
John M Weaver & Son						
38	GrH	5-11	305	19,879	3.7	736
85	RH	4-0	305	17,883	4.1	732
48	GrH	4-2	305	13,650	5.2	708
72	GrH	3-3	305	14,154	4.9	697
73	GrH	3-1	305	16,456	4.2	694
18	GrH	7-11	305	18,819	3.6	678
Carl L. Martin						
Dix O	RH	3-4	303	17,335	4.2	735
Glenda	RH	8-4	305	19,096	3.8	730
Melvin L. Beiler						
Missie	RH	6-5	305	16,649	4.4	735
Grace	RH	6-0	296	16,494	4.0	668
Martin Weaver Jr						
Twila	RH	4-4	305	19,144	3.8	734
Joseph W Best						
18	GrH	6-0	305	18,975	3.9	732
93	GrH	4-11	305	16,808	3.9	658
43	GrH	5-0	305	16,415	4.0	657
David W Sweigart						
151	GrH	5-10	305	18,569	3.9	732
Adin Oberholtzer						
L. Norma	GrH	6-4	305	16,230	4.5	730
Lloyd E. Miller						
Irma	RH	5-1	305	20,857	3.5	729
Springarden Farm						
Terrie	RH	4-1	305	20,871	3.5	728
Leroy M. Oberholtzer						
Grace	RH	7-1	305	22,779	3.2	726
Ann	GrH	7-2	305	17,836	3.9	698
John U. Glick						
Elsie	RH	4-9	305	19,242	3.8	726
J. Carl Zander						
Patti	RH	4-7	305	18,874	3.8	724
Harry S. Aungst						
Carol	RH	6-2	305	15,762	4.6	724
Lancaster Mennonite Hospital						
Nandr 20	RH	12-8	305	15,480	4.7	724
Paul H. Krantz						
Patsy	RH	7-1	305	19,770	3.7	722
Anabell	RH	4-6	305	17,347	4.0	687
Roy H. & Ruth H. Book						
Arlene	RH	5-2	305	17,017	4.2	722
Henry S. DeLong						
176	GrH	8-11	305	19,673	3.7	719
Paul H. Rohrer						
64	GrH	4-1	305	18,371	3.9	719
Carl L. Shirk						
6	GrH	6-0	305	18,283	3.9	719
Jay L. Ranck						
Wendy	RH	4-4	305	15,528	4.6	718
Sam & Allen Kreider						
Rosie	GrH	5-1	277	17,602	4.1	717
Jade	RH	3-5	305	16,609	4.3	711
George R Baltozer						
48	GrH	6-0	291	17,905	4.0	714
Raymond & Louise Witmer						
Canary	RG	5-10	305	14,437	4.9	712
Elsa	RG	4-7	305	14,055	4.8	681
Allen Lee Stoltzfus						
Anna	RH	5-1	305	17,732	4.0	711
Samuel I Esh						
Cathy	RH	4-5	305	19,200	3.7	710
Danda Farms						
Martha	RH	5-5	305	16,195	4.4	710
Harold M Shenk						
N Y	RH	10-5	305	17,692	4.0	709
Willis M Martin						
Bessie	RH	4-2	305	19,927	3.5	707
Clyde M Buchen						
22 Edit	RH	5-8	255	19,422	3.6	705
Joseph C Wivell						
Sharon	GrH	4-0	305	17,812	4.0	705
Sue	RH	3-9	302	17,417	3.7	652

(Continued on Page 89)