

## Lanc. DHIA Report

[Continued from Page 14]

Robert L. Shelly						
R&GrH	28	29.0	93.1	49.3	4.0	1.98
Henry E. Kettering						
R&GrH	33	49.4	86.9	47.1	4.2	1.97
Fred Crider						
RG	30	48.0	94.4	42.3	4.7	1.97
Joseph L. Fisher						
R&GrH	35	31.0	100.0	52.5	3.7	1.96
Conewago View Farms						
R&GrH	29	57.5	88.6	48.4	4.0	1.96
Herbert & Rhelda Royer						
RH	22	54.0	86.9	49.8	3.9	1.95
Edgefield Farms						
R&GrH	33	60.7	93.2	46.5	4.2	1.94
Dan S. Stoltzfus						
R&GrH	34	49.6	91.4	49.6	3.9	1.94
Melvin R. Stoltzfus						
Mix	27	32.0	100.2	47.5	4.1	1.94

### FACTS FOR DAIRYMEN

by  
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Assistant  
County  
Agricultural  
Agent

#### Additives For Corn Silage

There is renewed interest in additives for corn silage at filling time. This interest is a result of changing economic factors as well as heavy promotional efforts by several concerns. The two basic types of additives are NPN (non-protein nitrogen) additives and preservatives of a chemical or enzymatic nature.

Although they have some other potential benefits, NPN additives are primarily of value in raising the crude protein content of corn silage and reducing the need for supplement protein. This is a convenient way of feeding NPN, especially for fattening cattle. Also the NPN intake is spread out over longer periods than when one depends solely on urea or other NPN sources in grain mixtures for dairy cows.

NPN additives which may be used on corn silage at ensiling include urea, anhydrous ammonia and commercial products containing these NPN sources plus added numerals. Commercial products are available in both liquid and dry form.

Proper management is

important with any silage making operation. To avoid NPN losses and abnormal fermentation, it is best to use NPN additives only on corn silage with a moisture content of 63 percent-72 percent, preferably 65 percent-70 percent. The rate of application should be geared to provide 4.5 lbs. actual nitrogen per ton of whole plant corn silage with 65 percent - 70 percent moisture at ensiling.

The most heavily promoted liquid additive for corn silage was designed primarily to make corn silage a complete feed for fattening cattle. Mineral and protein supplementation may still be needed for dairy cows when silage is made with this additive. According

to Dr. R. S. Adams, Dairy Nutritionist at Penn State, a decision to use this product or another NPN additive should be based on economics, tempered by convenience and availability consideration.

Several commercial preservatives are being advocated for use on corn silage. These include such things as enzyme preparations, bacterial cultures, mold inhibitors and antioxidants. Dr. Adams indicates that there is little or no benefit to be expected from the use of these types of materials. There should be no need for preservatives on corn silage, if it is ensiled at the proper moisture level of 63 percent to 72 percent.

#### Hurrah — Dairy Month

##### 1974 is History!

With just a few days left in June you might be relieved that "your" month is past - now you don't have to feel guilty that you did absolutely nothing to promote the very thing you make a living from - milk. No one expects dairymen to stand up on a milk can and give a speech about milk. Every dairyman is expected to produce the best milk possible, and produce it in an environment that reflects the clean, wholesome and nutritious image that milk should have.

At the present time the dairy industry does not have the best image. The current political connections only reinforce what the consumer has been sold by the competition and "health" advocates for years. Yes, times are a changing but the dairymen better be ready for the change. We must have a "sweet" product to change a "sour" image.

It's not too late to do a little something special to promote your product. Support your local dairy princess by putting her abilities to use throughout the year. Know the facts about your products like the one discussed in this column last month. Don't be afraid to admit that you actually drink milk because you like the taste of it!

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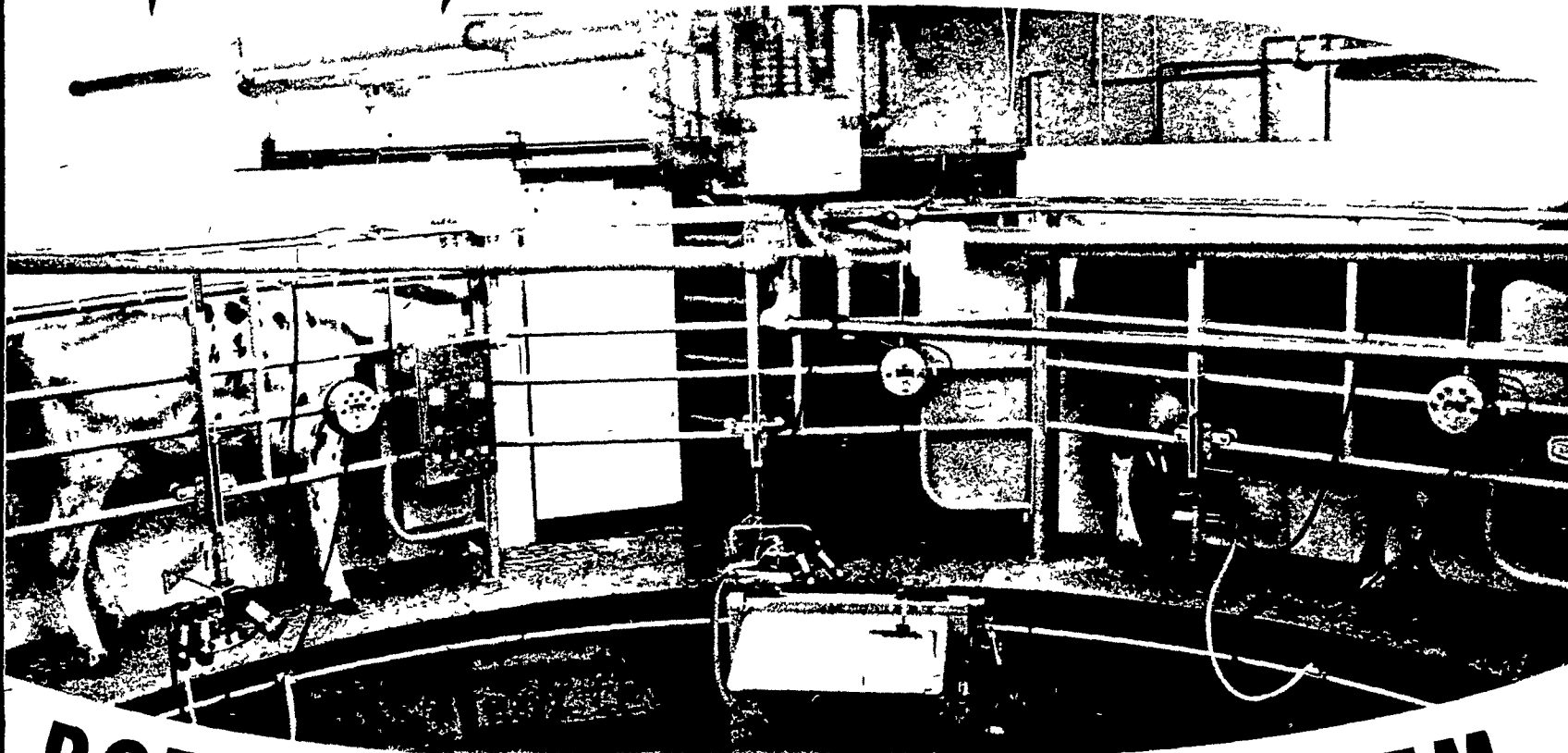
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