

THE FOURTH ANNUAL SOUTH-EASTERN Dairy Conference was held Tuesday, with a large crowd of farmers in attendance. Sponsors and program personnel in the Lancaster Farming photo above are (left to right) back row, J. R. Peterson, Allis Chalmers; Robert Coon, Kendall; Jerry B. Shaffer, PP & L; Dr. Richard Schiltz, Tuco and Richard B. Stein, Red Rose. Front row, Jack C. Miller; William M. Babb Jr., Allis Chalmers;

Richard Hawk, Red Rose; Stanley Muselman, Farmers National and Miles R. McCarry, Curtiss. The event is sponsored each year by Allis-Chalmers, Milwaukee, Wis.; John W. Eshelman & Sons, Lancaster; Curtiss Breeding Service, Inc., Cary, Ill.; and New Holland Supply Co., Inc. New Holland, Pa. The registered Holstein heifer calf was awarded as the top door prize.

● **Crops**

(Continued from Page 1)

include: corn production practices and costs; weed control recommendations for '69; use of lime and fertilizers; things we are learning from the new soil testing methods, nuisance birds and their control; forage and grain crop insect control.

Agribusiness firms (lime, fertilizer, seed and pesticide distributors) will set up many exhibits and displays of their products. Informal periods of the program will permit farmers to talk with these men.

The program outline is as follows:

- 8:30 a.m.—Visit exhibits and displays of county seed fertilizer, lime, pest control, and farm supply dealers
- 9:30 a.m.—An Extension agent looks around  
Arnold G. Lueck, Associate Agricultural Agent, Lancaster
- 9:45 a.m.—Weed control, 1969 style  
George Berggren, Ex-

tension Agronomist, The Pennsylvania State University.

- 10:30 a.m.—Let's look at corn field production costs  
Speaker to be announced.
- 11:00 a.m.—Nuisance birds, controlling them now and in the future  
C. R. Studholme, State Supervisor, Division of Wildlife Services
- 12:00 noon—Lunch period  
Visit agribusiness exhibits and displays

1:30 p.m.—Recognition of 5 acre corn and hay show winners.

- 1:35 p.m.—Where we are headed in growing corn.  
Joe McGahen, Extension Agronomist, The Pennsylvania State University
- 2:15 p.m.—Farm crop insect control for '69.  
Robert Tetrault, Extension Entomologist, The Pennsylvania State University.
- 3:00 p.m.—Adjournment

● **Crossbreeding**  
(Continued from Page 1)

increases the number of piglets born and raised.

Sherritt did not definitely recommend certain breeds as good "nickers" but said the more different the breed the greater the resulting Heterosis effect. Thus a breed originating in England would give best crossbreeding results with an American breed.

He pointed out that inbreeding has just the opposite effect of crossbreeding saying that the effect of each 10 per cent of inbreeding would result in two per cent loss in sow productivity.

Dwight Younkin, gave a slide presentation on operations that confine brood sows which included open pens, free stalls, confinement stalls and an operation where the sows are treated like dairy cows. "The one factor that all confinement operations find," Younkin said, "is that the stalls may not have solid partitions between sows. Pigs are social beings," he said.

"Individual pens or tie stalls seem to give the most management problem," the specialist said. "Group penning with no more than 15 sows (preferably 8 to 10) to the pen seems to be the best at this time."

"The consideration of cost per herd to build the confinement sow pen must be considered," he said, "this cost can run from a minimum of \$50 per sow to \$100 to \$150 per head." "Management men figure you must

count 14 percent of your initial investment against the little pigs each year. That means on a \$100 per sow set-up you must charge about 88 cents per raised piglet against the investment. If you build a \$50 per head sow operation, the cost per raised sow would be 44 cents. The question is, can we afford the \$100 per sow operation.

"With what we know now group housing with no more than 15 sows per pen in an open-front building is our best recommendation."

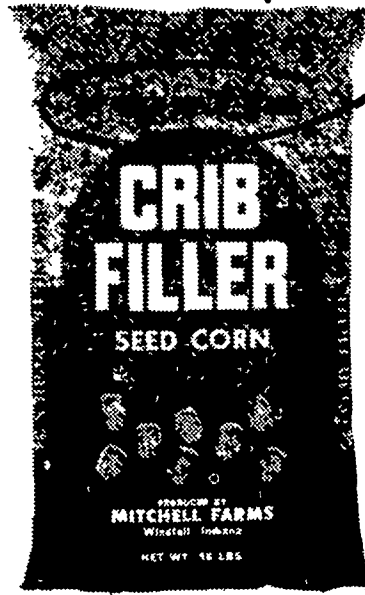
M. M. Smith, county agent, chaired the meeting and John Henkel, president of the Lancaster County Swine Association, announced the annual swine banquet for March 21 at the Plain and Fancy Restaurant and invited membership into the organization.

**Vegetative Growth**

The practice of top-dressing winter wheat when vegetative growth begins in March is a good one and should help fill up the grain bins. The use of extra nitrogen at this time of the year has given increased yields and where the farmer is not under-seeding with alfalfa or clover, it is recommended. Sandy, shale, or gravel soils will usually respond better because of more leaching away of the nitrogen from the crop. The extra nitrogen is suggested only on winter wheat and not on barley or oats because of more danger of severe lodging on the two latter grains.

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1969

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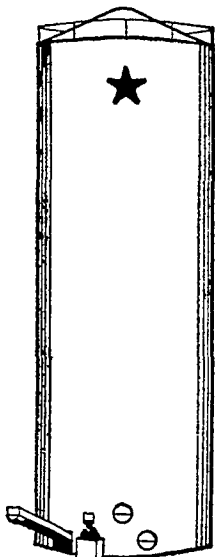
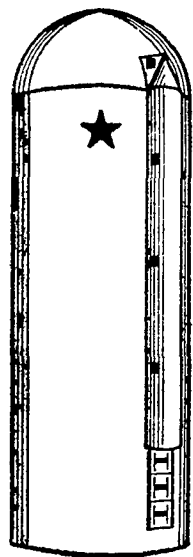
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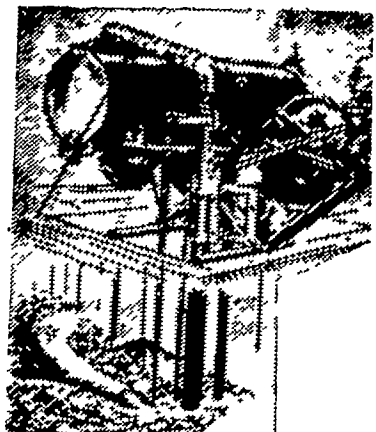


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