

Alfalfa Leaf Hopper Expected On Second Crop; Spray Needed

The alfalfa leafhopper is expected to do damage to the second cutting alfalfa, says Robert Powers, Chester County agent. Recent dry weather has favored their buildup. The damage is done principally by the immature nymphs, which are presently building up.

Damage on alfalfa shows up as follows: (a) Reduced growth and yields; (b) Yellowed leaves, under severe infestation; (c) Reduced vigor of stand; (d) Lower feed value of crop.

Damage cannot be corrected, once it has occurred. It must be prevented. To prevent leafhopper damage on alfalfa,

spray the second cutting when it is 4 to 6 inches tall with Methoxychlor emulsion at the rate of 3 pints per acre. At least 25 gallons of water per acre is necessary to get good coverage, Powers said.

Adult alfalfa leafhoppers are wedge-shaped, pale greenish-yellow in color, and about one-eighth inch long. The immature nymphs are quite similar in appearance to the adults, but are smaller and of a more pronounced yellow color.

Both the adult and nymph stages of Leafhopper jump up from cover among alfalfa when disturbed. Both stages

damage plants. Some damage is caused by sucking plant juices from leaves and fine stems, but more damage is caused by the toxic substances which the insects secrete into the plant during the feeding activity.

For Problem Alfalfa Fields
In cases where severe chewing injury from alfalfa weevil was present at the harvest time of first cutting, there may be enough weevil larvae feeding activity that the second cutting growth will not appear.

If growth does not appear in a few days after the first cutting is removed, it is reasonable to assume that weevil larvae are chewing off the new growth.

In this case, the stubble

Henning Urges Agri. Courses For Urban High School Students

PHILADELPHIA, June 14 -- State Agriculture Secretary William L. Henning urged today that courses in agriculture be offered in city high schools and liberal arts colleges to develop "enlightened consum-

ers"

should be sprayed with Methoxychlor at the rate of 2 quarts per acre.

This stubble spray will not provide leafhopper protection as the spray material will not be deposited on the new growth, Powers emphasized.

Dr. Henning spoke at commencement exercises of the Philadelphia High School of Agriculture and Horticulture. He also presented a plaque to the school and to the city board of education for the school's contributions to rural-urban understanding.

"Although only 20 per cent of our income goes to pay for food, it is still the largest single item in each of our budgets," he said. "Food will continue to be the foremost factor in our national policies and in international relations

Dr. Henning said the study of food should not be for home economics classes alone. He asked that agriculture be "studied not as a vocational pursuit but for broadening the student's knowledge and thinking processes"

He told the graduates that they would be better equipped than any other students "in being able to recognize quality and value in the foods you buy, in knowing how to convert the bare ground of a housing development into an attractive lawn and productive garden, in knowing how to cope with plant and animal pests, and in distinguishing between nutritional sense and nutritional nonsense"

The framed parchment plaque, presented jointly to the Board of Education and the high school was inscribed:

"Presented for outstanding service in the improvement of rural-urban understanding through a unique and continuing program by agriculture courses offered by the Philadelphia School of Agriculture and Horticulture. The better understanding of agriculture matters by city residents and the better understanding by agriculture interests of urban attitudes are important to mutual improvement. The Pennsylvania Department of Agriculture publicly recognizes these contributions and presents this citation.

Dr. Henning said that school courses in agriculture were needed because of the switch from a rural to an urban society. He said the city residents "need to know of agriculture if their decisions and policies are to be wise."

SPABC Show Date Is Set

July 31 and August 2 are the dates for the eleventh annual Southeastern Penna. Artificial Breeding Cooperative's Cattle Show to be held on the headquarters grounds, Lancaster, Pa.

The announcement was made today by the Cattle Show Committee consisting of Herman Stebbins, R-5, York; Earl Noel, McSherrystown; and Harold Haldeman, Danboro. These men, all S P A B. C. District Directors, are working with the Cooperative's management in arranging for the event.

The schedule calls for judging the Ayrshire, Brown Swiss, Guernsey, and Jersey exhibits on Tuesday, July 31, and the Holstein entries on Thursday, August 2. With 364 entries at last year's show, it is felt that this schedule will comfortably accommodate the expected number of entries this year.

(Continued on Page 16)

Mr. Egg Producer:

IF YOU WERE TO ASK THE FLORIN FEED SALES AND SERVICE REPRESENTATIVE IN YOUR AREA (Pictured below) WHAT YOU AS A POULTRYMAN CAN EXPECT BY CHANGING YOUR LAYING FLOCK TO FLORIN LA-MOR, THEY WOULD GIVE YOU ANSWERS BASED ON ACTUAL EXPERIENCES THEY HAVE HAD IN THE FIELD WITH SATISFIED CUSTOMERS.



Martin K. Miller
Sales - Service Mgr.



Irvin H. Ginder



Clarence H. Oberholtzer



J. Martin Gish

THE CUSTOMERS STATED

1. Birds ate less feed - as much as 1 lb. less per dozen eggs produced.
2. Floors became drier.
3. Egg production increased.
4. Feed cost per dozen eggs dropped as much as 4c per dozen.

FLORIN LA-MOR is a complete, high energy, highly palatable feed, designed to give you maximum profit possible from your laying flock.

Please Call Us Today at Mt. Joy. OL 3-2411 and the representative in your area will be glad to give you more information.

WOLGEMUTH BROS., Inc.
FLORIN, PA.