

NEPPCO Plans To Honor Past Show Winners

Back again with a few additional special touches at the annual NEPPCO Exposition this year will be two of the show's most popular features, the Boulevard of Champions and the Random Sample Laying Test Display.

The two outstanding attractions will share the spotlight with a three-day educational program and more than an acre of technical and commercial exhibits at the Farm Show Building here in Harrisburg on October 6, 7 and 8.

Outstanding winners of the poultry industry competitions over the past two decades throughout the northeast are honored in the Boulevard of Champions display.

The giant panorama will tell the story in photos, trophies, charts and words of the finest egg laying flocks in official U S competition, will honor egg quality champions and the finest egg carton designs, and will call attention to the Northeast's "Best Poultry Boy," the "Poultry Princess" contest winners and champions in 4-H and Future Farmers of America contests back through the years. In addition to honoring past winners of the 14-state competitions, it will also serve as the center for announcing winners of the several contests at this year's NEPPCO exposition.

In the Random Sample Laying Test Display, breeders who compete in official laying tests may display the same type of birds that made up their winning entries. Each cage will bear the complete record of the test entry they portray in order to be eligible for the display, birds must have finished in the top quartile of an official random test, based on net income.

More than 5,000 poultrymen, women and youngsters from throughout the 14-state northeastern area are expected to visit Harrisburg for the three-day exposition. Attractions include addresses by poultry experts, commercial exhibits by more than 100 poultry products firms and a social and educational program for farm youngsters.

STOP-DROP SPRAYS FOR APPLES

Weather conditions this season may make it advisable to use a spray to reduce early fruit drop. Two materials are cleared for this, 2,4,5-TP and NAA (Naphthaleneacetic Acid). The material usually considered best is 2,4,5-TP. It may be used on all varieties. Apply it two weeks ahead of the expected harvest date; this will hold the fruit on the trees about three to four weeks. In case of a delay in application, do not harvest closer than three days.

It is suggested that this material be used at the following concentrations on the following varieties:

Johnathan — 15-20 ppm;
Gimes, R. Delicious, and G. Delicious — 10 ppm;
York and Stayman — 15-20 ppm;
Rome — 20 ppm.

This material has a tendency to hasten maturity if applied too early or at too high concentrations. As you pick and store your fruit, watch it very carefully for internal breakdown. Cut samples frequently for guidance but by all means do not pick too late

because the "stick-on-spray" reduces drop. Your fruit keeps on ripening.

Wild Sweetclover Resists Weevil

Resistance to the sweetclover weevil has been found in a species of wild sweetclover, the U. S. Department of Agriculture reports.

Scientists are working to transfer the resistance to commercially important sweetclover varieties. The wild sweetclover, *Melilotus infesta*, is not acceptable as a forage, hay, or soil-improvement crop. Conquering the sweetclover

weevil by genetic changes in the sweetclover plant would greatly reduce dependence upon insecticides.

M. infesta was the only sweetclover species not fed upon by adult weevils in research conducted by Dr. George R. Manglitz and Dr. Herman J. Gorz of USDA's Agricultural Research Service, in cooperation with the Nebraska Agricultural Experiment Station. This finding is the first indication of resistance to the weevil in sweetclover.

Development of agronomically acceptable weevil-resistant sweetclover would enhance this plant's potential as a forage and soil-improvement crop. This destructive pest has

discouraged many farmers from trying to grow the crop, which partially explains the widespread decline of sweetclover acreages in the Northern Great Plains and other areas, officials said.

Scientists do not know why the weevil, *Sitona cylindricollis* Fahraeus, does not eat the leaves of *M. infesta*. Research has shown no indication that the plant is harmful to the weevil.

Weevils confined to *M. infesta* produced fewer eggs, apparently because of starvation. Surviving weevils recovered their egg-laying ability about as well as weevils kept without food, when both groups were later fed the same diet.

LOCAL GUERNSEY COWS COMPLETE PRODUCTION RECORDS

A senior three-year-old Registered Guernsey cow owned by R. F. & L. A. Witmer, Willow Street, has completed an official DHIR production record of 11,690 pounds of milk and 585 pounds of fat in 305 days with two times a day milking.

Another Willow Street Guernsey cow, this one a seven-year-old owned by J. Rohrer Witmer, had a production record of 13,210 pounds of milk and 598 pounds of fat in 305 days on two-times a day milking.

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