

'Poultry House of Future' to Be Displayed at NEPPCO Exposition

An exhibit describing the "Poultry House of the Future", housing three laying hens where only one went before, will be displayed for the first Oct. 8 to 10 at the annual exposition of the Northeastern Poultry Producers Council (NEPPCO) in the Farm Show Building, Harrisburg.

The solar poultry house at Pennsylvania State University will be the center of interest in the display. "This unique development may well revolutionize poultry housing techniques throughout the Northeast in the years to come," states Glenn O. Bressler, Penn State poultryman in charge of the exhibit.

One half of the 400-square foot display will be given over to a portrayal of the engineering principles and techniques used in the construction of the solar structure. The balance will present biological data on flocks in the solar house, as compared to conventional buildings. Presented in pictures and graphs will be such items as mortality, egg production, feed efficiency, and other key elements that determine profits.

"We've discovered that this new house embodies some amazing efficiencies," Dr. Bressler reports. "I think it will prove to be an eye-opener for poultrymen from

every part of the country."

Dr. Bressler will also discuss results to be obtained with the solar house in a panel discussion of "Poultry's Dream House" on opening day, Oct. 8.

More than 7,000 poultrymen from 14 states are expected to view the Penn State display during the three-day poultry get-together. Other special events include a "Hen of the Year" contest, the selection of a "Poultry Boy of the Year," and a "Poultry Woman of the Year."

Cow's Age Little Factor in Bang's Susceptibility

Age of a nonvaccinated cow does not effect her susceptibility to brucellosis, recent USDA studies show.

This finding is of special significance in brucellosis research because it gives a criterion for selecting suitable experimental cattle—enables effective use of cattle of various ages. The study also gives more accurate standards for immunological study of vaccinated cattle.

Dew Important Water Source For Field Crops

Dew may be an important source of moisture for plants in the Midwest, the U.S. Department of Agriculture reports. This is indicated by tests in Ohio that show accumulation of dew can total as much as 10 inches a year and in some years may furnish up to 20 per cent of the total water supply for crops in the humid areas of the Midwest.

The studies were made at Coshocton, Ohio, by USDA's Agricultural Research Service. Importance of dew as a moisture-source in other parts of the Nation remains to be determined, since tests like those conducted in Ohio have not been made in other areas of the U.S.

An appreciable amount of moisture that condenses as dew on plant leaves is absorbed directly by the plants, USDA researchers say. Also, some of the dew flows down plant stalks into the ground, thus adding to soil moisture.

There is a widely held belief that dew gives little benefit to plants, because most of it is lost through evaporation by the morning sun. However, USDA studies in Ohio show that dew can be an important source of moisture for growing plants.

In the USDA tests, dew accounted for as much as 0.08 inch of water in a single day and at times provided a monthly water supply of one inch or more.

Harry S. Sloat to Receive Distinguished Service Award

Harry S. Sloat, associate Lancaster County Farm Agent, will receive the Distinguished Service Award for Agriculture, at the annual meeting of the National Association of County Agricultural Agents to be held in Boston, Oct. 13 to 17.

The announcement was made Wednesday by D. F. Bredthauer, chairman of the Awards Committee, from his headquarters in Refugio, Texas.

Sloat has been on the agricultural extension staff of Pennsylvania State University since Feb. 1, 1921. He was appointed an assistant in farm management three days in advance of his graduation Feb. 4, 1921 from Penn State College.

He was assigned to Lancaster county in 1924 and was made assistant agent. Since March 1, 1949 he has been associate agent Farm management studies which he started more than 35 years ago are the longest on record in the United States.

Sloat has supervised accounts for 70 to 110 farmers each year.



Harry S. Sloat

He assisted in developing the Lancaster County Poultry Association and assisted in setting up the Producers Cooperative Exchange, Lancaster Poultry Exchange and Lancaster Poultry Center.

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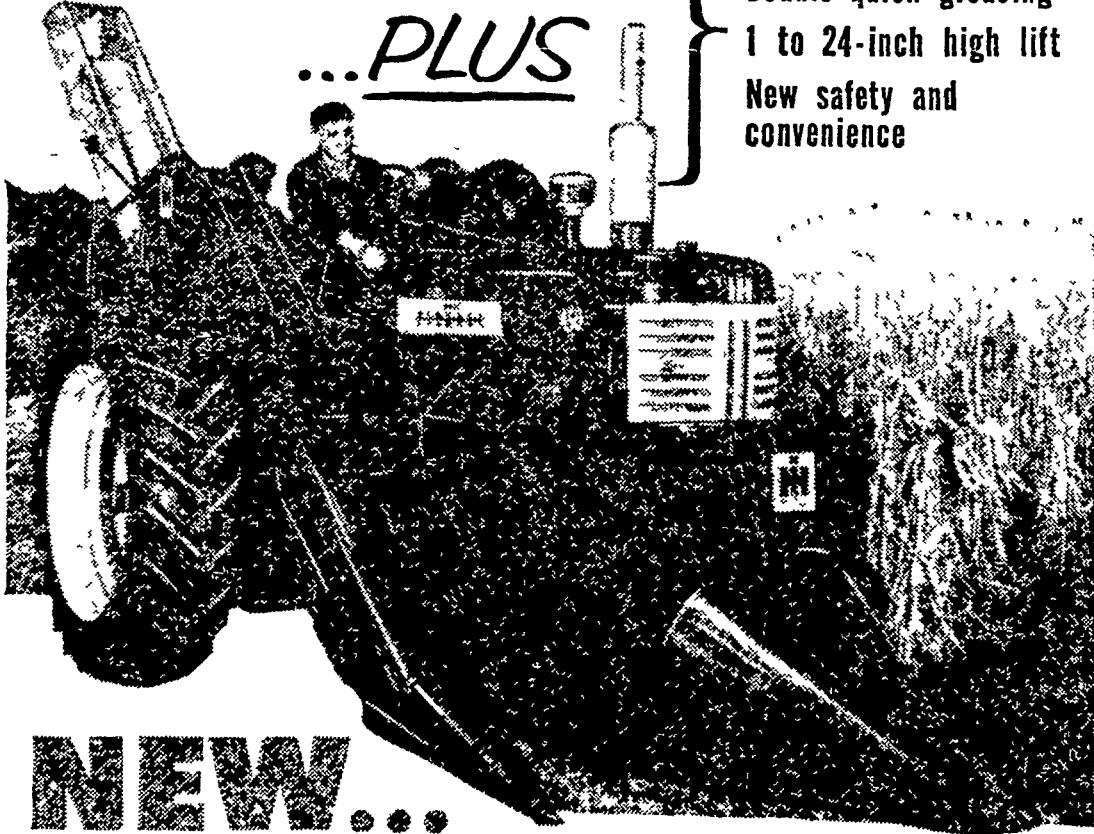
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