

## Rearing Poultry On Wire Floors May Reduce Infections, Vet Says

The need for parasite-controlling anthelmintics and coccidiostats could vanish if the poultry industry switched from floor rearing to wire-floor rearing of birds, says Dr. P. P. Levine, professor of avian diseases, at the New York State Veterinary College, Ithaca, N.Y. Dr. Levine reviewed avian disease research at the recent Pfizer Research Conference.

He said the trend to cages for hens has noticeably reduced incidence and severity of worm infections. Levine reviewed one study in which hens raised in cages and wire-floor reared broilers had fewest worms, compared to birds raised on the floor. He also pointed out that bacterial infections are spread by fecal contamination, and some leukosis outbreaks could possibly be caused by a beetle which picks up the virus from infected litter.

"There is little doubt that as time goes on, the infectious agents that produce relatively prompt and acute disease will decline in importance and number," Levine predicts. "Advances in knowledge about viral and larger disease organisms are occurring rapidly, and control measures are being developed quickly."

But, he adds, the increasing use of chemotherapeutic agents and synthesized feed components, use of pesticides and anthelmintics, and raising birds in "man-made" environments are creating greater need for knowledge in the field of intoxications. "FDA regulations governing drugs and feed ad-

ditives make this knowledge mandatory," says Levine.

Naturally occurring intoxications are coming in for closer scrutiny, too. Levine said the edema disease that struck the broiler industry several years ago is still being studied. The edema factor is extremely toxic in very small quantities, especially to younger birds.

The United States poultry industry has only recently encountered the so-called "ground nut poisoning" first reported in turkey poults in England. Laboratory work there revealed the cause to be an aflatoxin produced by fungus growth on peanuts.

## Egg Purchase Program Set

First offers in a dried whole egg solids purchase program announced by the U.S. Department of Agriculture June 16 will be due by 2 p.m., July 10, and weekly thereafter until further notice, USDA said this week. Initial offers totaling 300,000 pounds are requested.

Offers must be in carlot quantities of 27,000 pounds net weight. The dried whole egg solids must be pasteurized and gas-packed in three-pound (No. 10) cans at establishments operating under the supervision of Consumer and Marketing Service. The dried whole eggs must be processed after the date of current production which meet the U.S. Procurement Grade I quality require-



Nan Schreiber  
**Nan Schreiber, Summer Extension Assistant**

Nan Schreiber has been named summer assistant extension home economist in Lancaster County. Her appointment was effective June 19th. The daughter of Mr. and Mrs. V. Lester Schreiber, New Holland, she is a senior, majoring in home economics, at Hood College, Frederick, Maryland.

Miss Schreiber is a member of the college chapter of the American Home Economics Club at Hood, a member of the college choir and chairman of the yearbook staff. She was an active 4-H club member for six years in Lancaster County.

She will be associated with Mrs. Doris W. Thomas, Home Economist, and M. M. Smith, Victor Plastow, Arnold G. Lueck, County Agents.

Acceptance of the initial offers will be announced by midnight, Thursday, July 13.

C&MS said the dried whole eggs will be bought as a surplus removal activity with funds authorized by Sec. 32 of Public Law 74-320 and distributed to school lunch programs. The dried whole eggs must be processed after the date that a contract is signed, but not later than the third Saturday after that date. The first shipments will be due during the period of Aug. 1 to Aug. 15, inclusive.

## Bollinger Wins

(Continued from Page 1)

possible 500 in the event held this year at the Masonic Homes Farm, Elizabethtown. He is a member of the Cloister FFA Chapter at Ephrata High School.

A crowd numbering about 60 participated in the judging competition, which was divided into three divisions—men's, ladies', and youth.

Winners in the men's division were: Richard Boyd, York County, 476; William Fisher, East Earl R1, 463.5; John Henkel, Strasburg R1, 462.5; Mark Nestleroth, Manheim R3, 454.5; John Burkholder, Lititz R3, 441.5; and Leon Arnold, Lebanon, 440.5.

In the ladies' division, it was Carol Henkel, Strasburg R1, finishing first with 436.5 points. She was followed by: Mary Martin, Christiana R1, 412.5; Mrs. Earl Fisher, East Earl R1, 375; Mrs. Hazel Nestleroth, Manheim R3, 369.5; Romaine Huber, 362.5; and Ethel Bollinger, Denver R2, 349 points.

In addition to Bollinger, other placings in the youth division went to: Larry Arnold, Lebanon, 436.5; Susanne Martin, Christiana R1, 423; Beth Boyd, York County, 405.5; ago during a peri-glacial period.

Frank Arnold, Lebanon, 404.6; and Glenn Sauder, Manheim R3, 404.5.

In the judging events, five classes of market hogs, consisting of four animals per class, were rated. Dwight Younkin, Penn State extension livestock specialist, served as official judge and explained his choices to the audience following the judging of each class. He was assisted by Masonic Homes Farm Swine herdsman James Horton, who was assisted by Masonic Homes Farm swine herdsman James Horton, who hosted the affair.

After lunch, Horton conducted a tour of the farm's swine facilities. At present, he noted, a herd of about 80 sows is being maintained, but that number is somewhat higher than the average of about 50 head usually kept.

Long famed for its Duroc strain of hogs, the Masonic herd is now basically York-Duroc crossbred, with "a little Hampshire thrown in," Horton explained.

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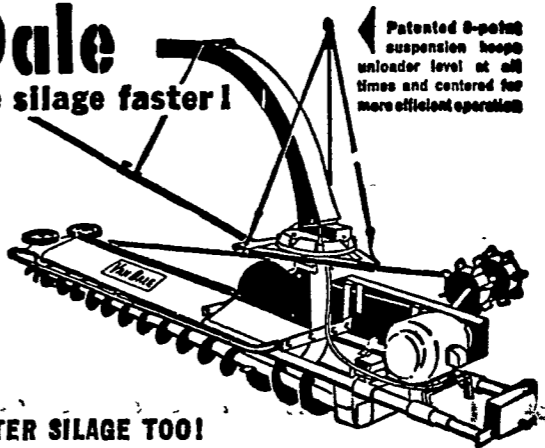
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