

Nicarbazin Named Best Chemical To Control Coccidiosis in Chickens

HARRISBURG — The chemical nicarbazin was described at the Pennsylvania Farm Show as "the outstanding chemical for controlling coccidiosis" in chickens.

In 1955-56, the first full year of its use in control of the disease, nicarbazin reduced coccidiosis in the Delaware and Maryland broiler growing areas by 95 per cent over the three previous years.

This was reported by Dr. Walter H. Ott, Director of the Merck Institute for Therapeutic Research, during a meeting of the State Poultry Federation.

"Introduction of sulfa drugs into the poultry industry less than 10 years ago started a virtual revolution in the poultry and feed industries," Ott declared. "The use of an economical and effective chemical, added to the ration by the feed manufacturer, helped the poultry industry to expand greatly without the hazards of coccidiosis."

To control coccidiosis, Ott said, a chemical must control the spread of the disease as well as death. He also stated the hazard from toxicity must be less than the advantages gained from the medicinal value of the drug. In addition, the chemical must be easily tested, must be stable in feeds, and must work well with other additives such as antibiotics.

Nicarbazin was well tolerated by nine other kinds of animals in laboratory tests. Pigs tolerated 50 to 100 times the approved usage of this drug for chickens. Sheep and calves tolerated the drug in their daily grain or milk rations equally well as did chickens fed continuously.

Random Tests Best Says George Anthony

HARRISBURG—Random sample tests are the best means of evaluating quality of poultry, according to George M. Anthony, chairman of the state committee which is starting Pennsylvania's first annual test this year.

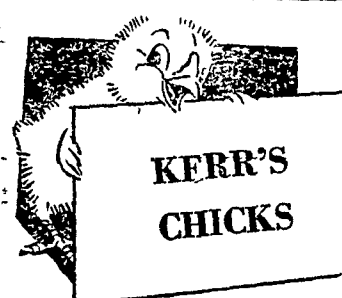
Anthony addressed a meeting of the Pennsylvania State Poultry Federation at the State Farm Show.

The tests compare different strains of birds under the same environmental conditions and management practices, Anthony said. Detailed statistical data is published to provide factors for evaluation.

Anthony said that a new system of collecting eggs directly from the contestants' hen house or from egg baskets of the day's production would overcome present shortcomings in obtaining a "really true sample with which to start."

Egg, broiler or turkey producers should consider all of the tested factors in deciding between strains of birds, Anthony said. He added that the grower should also "try several strains side by side to determine which is best for his particular farm management setup."

Anthony declared that "to know your hatcheryman" and to have confidence in his dependability was important in order that the grower be assured of getting quality chicks.



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GREEN MEADOW FARM had the grand champion Hampshire ewe. She is Green Meadow 859 out of a full brother of Green Meadow Perfection. Holding the ewe is Edward Hess, R1 Bareville. Hess and his brother, Arthur, operate Green Meadow. The shepherd is Bill Hess. This is the third consecutive year that the farm has placed in the purple at Farm Show (Staff Photo)

Awards Given Christmas Trees At Farm Show

C U Peeling, 2208 Logan St., Camp Hill, Cumberland County, won the grand championship Christmas tree award in the first competition ever held at the Pennsylvania Farm Show. It is said to be the first Christmas tree award of its kind ever made in the United States.

The grand champion tree was a Scotch Pine and was given a place of honor on a revolving stand in the Farm Show arena.

Peeling also won first place in the Norway Spruce, Red Pine and the Austrian Pine classes. Sixteen Pennsylvania Christmas tree growers entered 30 trees.

Homer R. Savage, Reading RD 1, won first place in the Douglas Fir class.

H. Denton Ashway, Jr., took first place in the White Pine class.

The champion tree is 10 years old and came from a 30-acre Christmas tree plantation near Halifax, Dauphin County, one of several owned by Peeling. He started growing the trees 21 years ago and has been a member of the Pennsylvania Christmas Tree Growers Assn. since it was organized.

Entries were judged by Fred E. Winch, Jr., Cornell University, Ithaca, N.Y. He said that to the best of his knowledge this was the first Christmas tree show in the United States. Trees were judged on the straightness of stem, shape and symmetry, also height, pruning and density.

Rural Bank Deposits Show Higher Increases

Rural bank deposits throughout the nation increased 3.4% while city bank deposits increased only 1.8%. The Farm Credit Administration now predicts that farmers will borrow more money in 1957 than in 1956. The FCA estimates that total outstanding farm debt will hit \$18 billion at the end of this year, more than 6% ahead of the previous year.

Poultry

(Continued from page 2)
reds 22-23 cents few lots 24 cents. Turkeys unsettled Demand fair More than adequate supplies were available Few lots heavy type. Young hens 30-35 cents. Young toms 22-24 cents.

Total receipts Jan. 15 79,000 lbs included Maryland 3,000 lbs Delaware 6,000 lbs.

Wholesale selling prices No. 1 and fancy quality broilers or fryers heavy type 3-4 lb 22-25 roasters 20-22. Pullets 4 1/2 lb. and over 29-30. Hens heavy type 17-22, light type 10-16 Old roosters 10-12. Ducks muscovy 25-26.

Turkeys young hens 30-35 young toms 22-24.

Eggs

PHILADELPHIA, Jan 16 — (USDA) Barely steady Current supplies were more than adequate for the fair demand. Storm and poor transportation conditions have no appreciable effect on volume of arrivals

Wholesale selling prices minimum 10 per cent AA quality. Large 45-48 lb white 37 1/2-39, brown 36-37, medium white 31-32, brown 31-32. Extras, minimum 60 percent A quality Large 45-50 lb. White 35-36, mixed color 34 1/2-35, medium white 30-31, mixed 29-30. Standards 31-32, checks 27-29

Receipts Jan 15 - 5,100 cases all by truck.

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- 4:00-5:00 P. M.—Talk on feed ingredients and feed manufacturing.
- 5:00-7:00 P. M.—Talk on modern farming methods, inspection of feeds, and general discussion.
- 7:00-8:00 P. M.—Talk on broiler raising.
- 8:00-9:00 P. M.—Talk on raising replacements and producing eggs.

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