

USDA Scientist Says

Turkey Parasites Live Years In Soil

Eggs of some turkey and chicken parasites may live 2 to 4½ years after being deposited on soil and left exposed to outside weather, a U. S. Department of Agriculture parasitologist reported today.

These findings by Marion

M. Farr of USDA's Agricultural Research Service indicate that a 3-month or even 12-month rotation of poultry yards is inadequate for the safety of young chicks and poults at Beltsville, Md., where she carried out her experiments.

Miss Farr's findings gener-

ally should apply to all similar climatic areas of the United States.

The scientist, reporting her research at the annual meeting of the American Society of Parasitologists, in session at University Park, Pa., said infected poultry pass the parasitic eggs in their droppings.

Other birds, as they pick for feed on the ground, may ingest the microscopic organisms.

Parasites damage the host by direct attack on tissue, and by eliminating toxic substances within the host. If present in large numbers, they can cause great loss.

In two series of tests at the Agricultural Research Center, Beltsville, she said, droppings collected from infected chickens and turkeys were distributed on soil in small outdoor plots.

Samples of this material were collected from time to time and added to the feed of isolated turkey poults.

Fourteen to 30 days after ingesting the parasite eggs, the poults were killed and examined for evidence of blackhead and the nematodes.

Miss Farr found that the cecal worm, *Heterakis gallinae*, remained infective up to 230 weeks.

CHAIN SAW SERVICE CENTER
New & Used
Snavely's Farm Service
NEW HOLLAND EL 4-2214

Eggs of the round worms, *Ascaridia dissimilis* and/or *A. galli*, were infective up to 161 weeks.

Thread worm eggs - *Capillaria obsignat* infected the poults up to 102 weeks after deposit on soil.

Eggs of the gape worm, *Syngamus trachea*, were infective up to 31 weeks.

Histomonas meleagridis, the causative agent of head disease, was infective as late as the 151st week. It is known that the infected blackhead dies within a few hours of the avian host. Farr concludes the parasite is incorporated within the cecal worm eggs.

PSU Poultrymen Slated For International Meet

University Park — Two Pennsylvania State University researchers will be among 30 Americans speaking at an international conference on animal behavior at Cambridge University, England, September 4 to 15.

The Penn State scientists are Dr. E. B. Hale and Dr. Martin W. Schein. The event is the International Ethological Conference, held every other year and attended by 100 leading scientists in animal behavior. The Penn Staters will fly from New York to London on Sept. 3.

Drs. Hale and Schein have pioneered studies of effects of behavioral defects affecting fertility in turkeys.

A motion picture featuring their experiments, previously shown nationally at meetings of biologists and psychologists, will be shown at the Cambridge conference. The film is entitled "Stimuli Releasing Sexual Behavior in Domestic Turkeys."

The two scientists have been awarded grants by the National Science Foundation to cover travel costs, including post-conference tours.

Following the conference both men will visit research centers investigating the behavior of domestic animals.

Dr. Hale will go to Edinburgh, Scotland, returning to the United States Sept. 17, while Dr. Schein will spend several weeks in Russia, Switzerland, Germany, Holland, France, and England.

In Soviet Russia Dr. Schein will visit physiology laboratories and science academies in Leningrad, Moscow, Kharkov, Poltava, Kiev, and Odessa.

Poultry Inspection Amendments Given

Amendments to regulations governing inspection of poultry under the Poultry Products Inspection Act were announced recently by the U. S. Dept. of Agriculture.

This Act requires Federal inspection of slaughtered poultry and poultry products shipped across State lines.

The amendments incorporate definitions of poultry class names which are required on labels of inspected poultry. Alternative labeling terminology also is specified.

The amendments exclude from the definition of poultry products subject to the inspection act certain products which contain some poultry meat, provided that this meat is from inspected poultry.

Examples of such products are bouillon cubes, sauces, flavorings, and soup bases and soups containing less than two per cent poultry meat.

Copies of the amendments will be available from the Poultry Division, Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C., within a few days after publication in the Federal Register, scheduled for Aug. 22.

Give Lancaster Farming advertising a chance to work for you,

Still your best crib buy

NewLowPrice
(F.O.B. Stock Points)
Over 1200 bu. capacity—means 1st year storage at less than 25¢ per bu.

EXCLUSIVE SPEEDY ROOF RAFTERS MAKE SPEEDY CORN CRIBS



Twice as Fast *Twice as easy erect*

Speedy roof rafters guarantee easy, proper placement of roof panels the first time. Rafters add great strength to the roof. Panels need only to be bolted together in three places. It's another big time-saving feature you get only in Speedy Bar-Lok corn cribs.

Sturdy 26-gauge galvanized roof is secured to 9 steel roof rafter side panels. Can't blow over. Come in today and see Speedy Bar-Lok corn cribs. We prove to you that Speedy Bar-Lok is twice as fast—twice as erect. Let us show you other features that make Bar-Lok your best corn crib.

LANDIS BROS
MANHEIM PIKE LANC
PHONE EX 3-3906

1959 SPECIAL CATTLE SALES

Abingdon Livestock Market, Inc.

ABINGDON, VIRGINIA
TELEPHONE Market 8-3551

SALE EVERY THURSDAY — ALL CLASSES OF LIVESTOCK

TUESDAY, SEPTEMBER 22nd

FIRST FEEDER STEER SALE — 1343 NATIVE STEERS — 500 - 1600 POUNDS.

TUESDAY, OCTOBER 6th

SECOND FEEDER STEER SALE — 2336 NATIVE STEERS — 500 - 100 POUNDS.

TUESDAY, OCTOBER 13th

STATE FEEDER CALF SALE — 1562 NATIVE STEER AND HEIFER CALVES.

TUESDAY, OCTOBER 20th

TRI - STATE FEEDER CALF SALE — 1764 NATIVE STEER AND HEIFER CALVES.

TUESDAY, OCTOBER 27th

THIRD FEEDER STEER SALE — 1944 NATIVE STEERS — 500 - 1000 LBS.

Above Sales Start Promptly at 1:00 P. M.

Tazewell Livestock Market

TAZEWELL, VIRGINIA
TELEPHONE YUkon 2-9921

SALE EVERY MONDAY — ALL CLASSES OF LIVESTOCK

WEDNESDAY, OCTOBER 7th

1:00 P. M. — FEEDER STEER SALE — 600 NATIVE STEERS — 500 - 1000 POUNDS.

WEDNESDAY, OCTOBER 14th

12:30 P. M. — STATE FEEDER CALF SALE — 600 NATIVE STEER AND HEIFER CALVES.

All cattle in the sales at both markets will be officially graded by Virginia Division of Markets and will be weighed in on the day preceding the sale date. Check with your County Agent, the Sales Committee or the Markets for further information.

FOR ADDITIONAL INFORMATION WRITE OR CALL

Abingdon Livestock Market, Inc.

A FEDERALLY SUPERVISED MARKET

Abingdon, Virginia

Tel. MA 8-3551