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Memphis Power & Light Company

Our Poultry Column

Edited by
Prof. Frederic H. Stoneburn

Without charge, our readers may secure expert personal advice on poultry topics. Address inquiries to Southern Poultry Bureau, Box 138, Memphis, Tenn. State your problems fully; enclose stamped self-addressed envelope.

IN THOSE sections of America that the poultry industry is largely developed intestinal worms in poultry have been a source of heavy loss for many years. These parasites are also well established in the South and an aggressive campaign against them should be included in the poultryman's regular schedule of operation.

There are many distinct types of worms to be found in the intestines of our domestic fowls. These may, broadly, be divided into two groups, round worms and tapeworms. The former are the more common and less injurious. An earlier article in this series dealt with round worms and their control and reprints of this are still available. Copies will be sent free to our readers who request same from the Southern Poultry Bureau, as above.

THE MAJORITY of poultrymen will be astonished to know that there are more than thirty distinct types of tapeworms which infest poultry.

They range from roughly ten inches in length down to tiny ones that can scarcely be seen with the naked eye, with the more common form of one to two inches in length. In general character and habits they are very similar.

The presence of these trouble-makers in the flock, especially in the case of the younger birds, is indicated in several ways. Poor or run-down condition, lameness, blindness, necks twisted to one side or over the back, abnormal appetites, very great thirst, drooping wings and ruffled plumage. The droppings are often slimy, rather clear and shiny, frequently gassy as shown by gas bubbles. As the infestation becomes heavier the color of the droppings becomes brownish yellow.

When any considerable number of worms are present the birds lose weight, get in poor condition physically, egg production falls off and there is a high death rate due to the effects of the worms or to the inroads of other troubles due to the poor condition of the flock.

A SURE INDICATION of the presence of tapeworms is the finding of worm sections or segments in the droppings. And, of course, the detection of the complete worms in the intestines. When making post-mortems of suspected birds, carefully slit the intestines the full length and wash out the contents in a pan containing a small amount of water. Examine this material with care and also the inner walls of the intestines. If the worms are present they can easily be detected, excepted the microscopic forms.

While these worms absorb large quantities of nourishment, the major damage is due to the injury of the intestines of the birds. They irritate the intestinal walls, cause these to thicken and so fail to function properly with consequent under-nourishment of the sufferer. This irritation even causes hemorrhages at times. Serious as these items are the greatest damage done by tapeworms is to make the birds especially susceptible to many destructive diseases.

THE BATTLE against this worm plague includes both treatment and prevention. First, consider prevention. The tapeworms fasten themselves to the intestines by hooks and suckers. The body grows in segments or sections which contain the eggs. When "ripe" the lower sections drop off and pass out with the droppings.

In this form the tapeworm eggs are not injurious to poultry. Before becoming dangerous, they must first develop within the body of some intermediate host. Stable flies, house flies, snails and earthworms serve this purpose, and fowls eating these carriers—if the latter have picked up the tapeworm eggs—soon become infested. To avoid this, the carriers should be prevented from securing the poultry house frequently and either disposing of them at a distance from the poultry plant or storing in closely screened pits. And the birds should be prevented from eating the carriers, especially flies. Screened poultry houses will aid in this, as will fly traps. Especial protection should be given the chicks until they reach the age of four months when they develop considerable resistance against tapeworm infestation.

TO BE EFFECTIVE, individual treatment should be given the afflicted birds. Best results seem to accompany the use of a special form of iodine known to the trade as Iodine vermicide Merck. A rubber tube is inserted in the throat and passed through the crop directly to the gizzard and the iodine forced into the latter organ. So administered, the iodine destroys both the round worm and tape worm, worm eggs and even the organisms causing coccidiosis. Iodine is now being put up in hard capsules which do not break up until they reach the gizzard.

A drug known as kamala is also an effective agent for killing tapeworms. It is commonly used in capsule or pill form, 1½ grams being the dose for birds weighing three pounds or more.

These worm-killing preparations are usually carried in stock by dealers in poultry supplies and feeds. Or they may be ordered by mail from the makers.

THE LYE treatment is inexpensive and is said to give good results. The method, as outlined by one authority, is as follows:

"To one gallon of whole grain add one tablespoonful of concentrated lye. Cover with water, mix thoroughly and cook at low temperature for three hours. Feed this to the birds, allowing them all they will eat. One gallon is sufficient for about fifteen fowls. Allow free access to drinking water. Treatment should be repeated on two successive days. Birds should be starved for twelve to twenty-four hours before treatment is started. A temporary decrease in egg production may result."

Since tapeworms are so highly injurious one should inspect his flock carefully. If the worms are found, treatment should be administered immediately. (Copyright.)

CAYCE NOTES

Mr. and Mrs. Jack Williams and sons spent Friday afternoon at Bolton, Tenn.

Mr. and Mrs. W. J. Attaway and daughter, Mrs. Mason Fleming visited friends in Byhalia Tuesday.

Messrs. V. D. Brooks and Ray Russell made a business trip to Memphis last week.

Mrs. Dora Brakefield of Collierville, and Mr. Walker Sandlin, son and daughter of Memphis were guests of Mr. and Mrs. P. T. Sandlin Sunday.

Mr. and Mrs. Clifton Boswell and children of Byhalia visited Miss Nannie Flannigan Sunday afternoon.

Mr. and Mrs. Robert James of Memphis spent the week end with Mrs. James' mother, Mrs. Thompson.

Mr. and Mrs. D. V. Jamison of Memphis spent Sunday with Mrs. Jamison's parents, Mr. and Mrs. J. P. Williams.

Mr. and Mrs. V. P. Cox and children, Mr. and Mrs. P. P. McFerrin and baby were callers in Cayce last Sunday afternoon.

Mrs. J. P. Milliron is in Memphis this week visiting her daughter, Mrs. Jamison.

Mrs. T. A. Roberson and her father, R. J. Williams, and quite a number of others from Cayce enjoyed the ball game at Red Banks Saturday afternoon.

Mrs. S. N. King of Memphis is here spending several days with her son, M. M. King, and family.

NOTICE OF SPECIAL ELECTION TO BE HELD IN TOWN OF COLLIERVILLE, TENNESSEE, SEPTEMBER 30th, 1930.

We, the undersigned Board of Election Commissioners for Shelby County, hereby call an election to be held in the town of Collierville on

SEPTEMBER 30th, 1930.

for the purpose of enabling the citizens and qualified voters of said town of Collierville to vote whether or not said town of Collierville shall issue its bonds not to exceed \$30,000.00. Said bonds to be used to construct and improve the water works facilities for said town of Collierville.

The following are appointed to hold said election:

Officer—Chas. Dean
Judges—S. H. Hinton
S. T. Attaway
H. L. Sigrest
Clerks—Mrs. Tom Dean, Jr.
Mrs. Cecil Cox
Registrar—Mrs. Herbert Lehman

The Officer of election will call for the ballot box on Sept. 29th, at the office of the election Commissioners at the Court House.

William White, Chairman
Wassell Randolph, Commissioner
W. L. McKee, Sec'y.
Board of Election Commissioners of Shelby County, Tennessee.

ATTEND ASSOCIATION AT SHILOH

Phil Chilton and Tim Treadwell attended the 90th annual session of the Tallahatchie Primitive Baptist Association which was held with the Shiloh church near Mt. Pleasant.

The following preachers were in attendance: Rev. J. Duke of Nashville, Rev. W. A. Smith of Oxford, Rev. McDowell of Water Valley, Rev. Summerville and Rev. Davis of Williston. A bountiful dinner was served at the church Friday, Saturday and Sunday. The ordinance of baptism was administered to two.

A wonderful spirit of fellowship was evident.

WHAT HAPPENED IN CORDOVA

The Christian Endeavor Society of the Presbyterian Church had a special program Sunday night when members of Court Avenue Presbyterian church were guests and assisted with musical numbers.

J. E. Bazemore is recovering from a serious illness.

Glenn McNeely and wife of Texas and mother, Mrs. Clara McNeely, of Memphis were recent visitors of Miss Ora Lurry.

Clifton McNeely is spending a few days with his aunt, Miss Ora Lurry.

A number of students from here entered West Tennessee Teachers College when it opened last Monday.

Mr. and Mrs. Clyde Hamner and little son were visitors with relatives here last week.

Mrs. Keaton is visiting friends and relatives in Arkansas this week.

Miss Birdie Humphries who is a nurse at the Methodist Hospital was here with homefolks last Sunday.

Mr. and Mrs. John Burrows had as their visitors last Sunday, Mr. and Mrs. Talmadge Burrows of Memphis.

Mrs. J. W. Carter, Miss Sadie Carter, Walter Carter, and Mr. and Mrs. J. C. Pierce and daughter, Norma Ruth, visited in Williston last Sunday afternoon.

Mr. and Mrs. Conley and family went to Memphis last week end for a visit with Mrs. Conley's mother who has been sick for some time.

Alvin Posey is spending a few days in the home of Mr. and Mrs. Crook.

The Woman's Missionary Society of the Baptist Church will have the State Mission Program at the church Wednesday. The Mission study class will meet next week.

Misses Grace and Lorena Weeks were week end visitors of their parents, Mr. and Mrs. L. E. Weeks.

Miss Mary Schwam who was a student last year at Maryville College has entered W. T. S. T. C.

Miss Annie Strong has returned to Greenville, Miss., after spending several weeks here with her parents.

Andrew Miller entertained a friend from Memphis last week end.

Miss Sarah Ellis is teaching music in the school and has quite a nice class.

WORDS OF WISDOM

A noble aim, faithfully kept, is a noble deed.—Wordsworth.

If slighted, slight the slight and love the slighter.—Spurgeon.

A man is at his worst when he pretends to be good.—Syrus.

Hypocrisy is the homage which vice pays to virtue.—La Rochefoucauld.

The speaking in perpetual hyperbole is comely in nothing but in love.—Bacon.

The art of a thing is, first, its aims, and next, its manner of accomplishment.—Bovee.

The history of the great events of the world is little more than the history of crimes.—Voltaire.

People will not look forward to posterity who never look backward to their ancestors.—Burke.

The more men know, the more they deceive themselves. The only way to avoid error is ignorance.—Rousseau.

THE WORLD OVER

The top of the Leaning Tower of Pisa is 16 feet out of the perpendicular.

The Knights of Columbus organization was founded in 1822 in New Haven, Conn.

The use of vehicles having metal tires has been prohibited on the streets of Mexico City.

The Great Pyramid of Gizeh contains about 2,300,000 blocks of stone, each weighing about 2½ tons.

India has been experimenting with concrete roads, building stretches of them in Benares and just outside that city.

An Italian scientist has succeeded in vaccinating silk worms against diseases that cause them to die or become paralyzed.

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I also take this opportunity of thanking my patrons for the ginning they have given me, and can assure them that they may expect the same fair treatment as I have given in the past, and will appreciate your future business. To those who have never ginned with me I take this opportunity to solicit their trade also, and hope you will give me a trial.

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Fall Showing of Fine Furniture

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A wonderful array of new Living Room and Bed Room Suites—the latest patterns fresh from the factory—now ready for your inspection.

Be Prepared for the Chilly Days Ahead

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Airtight Heaters—\$55.00
Oak Heaters—\$12.00, \$16.00, \$18.00
All-cast Coal Ranges—\$49.50

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"Benny," said Mark Twain, "is the seed of spirit from which we grow the flowers that shall endure."
—American Magazine.

Created or Cultivated?
We wish to defend the Lord by saying he did not create human nature. We think the people themselves cultivated human nature.—Athenian Globe.

