

Corn pest

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Through the PL 480 program, USDA researchers also confirmed the pest in Pakistan and Egypt

Kent County Agent W. James Milliken said yield reduction on the local farm may not be due to the nematode but rather to other growing season factors.

Next to nothing is known about the pest's life cycle. Little research work has been done on it.

The cyst, which contains the eggs and larvae, is brown, about one millimeter in length, and 500 microns in diameter.

It is related to the soybean cyst nematode.

Plant protection officials say they have absolutely no idea how the pest got to the Kent County farm. But USDA's A. M. Golden, a nematode expert, speculates it must have been in the soil for as long as five to 10 years for it to build to its current numbers.

"We know almost nothing about *Heterodera zea*," Golden admits.

The pest, like other nematodes, can be spread by machinery, animals, or humans. Custom fertilizer applications to the field also may have spread the cyst on machinery.

It takes a number of years for the cyst to multiply to the point where it shows up in soil assays. It takes a similar length of time again for it to build a population large enough to do damage.

Because of the long time factor involved, the researchers said they have to presume the nematode has long since moved beyond the boundaries of the original farm. For that reason a fumigation or sterilization program of that farm's fields probably will be impractical.

USDA officials are working on the assumption the corn cyst nematode eventually will cause damage to U.S. corn yields, although the India studies which showed yield damage were not done with U.S. hybrids

Goat owners to hear veterinarian

LANCASTER — Dairy goat owners are invited to the next regular meeting of the Dutch Country Dairy Goat Club, to be

"We kind of wish there won't be much publicity on this," one agriculture official said, adding there was no reason to start a panic

USDA also said it is concerned that all state and international ag pest control officials be informed of the confirmation of the corn cyst nematode before any published reports would appear before farmers or the public.

APHIS said it is moving so fast they don't have the input from other groups which will be needed to make decisions on how to handle the situation

In coming weeks, USDA and APHIS officials will be working with members of the Maryland Department of Agriculture, the University of Maryland, the county extension service, and other agencies in an attempt to define further the problem, continue efforts to find out how widespread the pest may be, and to develop procedures to combat any damage corn cyst nematode may do to Maryland's or the nation's corn crop.

Maryland Department of Agriculture's Plant Protection Section said it plans to set up a survey of farms in the area of the original discovery, working out from that one data point.

Maryland officials say there is little chance the pest "escaped" from the nematode lab near Middletown since that lab works mostly with potato nematodes, especially Golden nematode.

John Lightfield, an official at APHIS, said the various groups will be gathering information for some time before any firm conclusions or recommendations can be made on extent or control of the pest

held at 7 p.m. Friday, March 13 at the Lancaster Farm and Home Center

Dr. Richard Stoneback, Veterinarian and goat breeder from Oxford, will be present to discuss care of the kidding doe and the newborn kid, mastitis, parasites and other health concerns

The Amyr goat herd has won Dr. Stoneback much recognition in the show ring and in the breeding circles nationally and locally. As a practicing veterinarian and goat owner, Dr. Stoneback has much experience to share from his many years working with and treating goats.

The March 13 meeting is free, and is open to the public. For more information, call Pat Kauffman (717-284-4340) or the Lancaster County Agricultural Extension Service (717-394-6851)

PUBLIC AUCTION LIVESTOCK & MACHINERY TUES., MARCH 17

At 10 A.M.

Located in Centre County, 1½ miles N.W. of Woodward, Pa., Turn north off Route 45 onto Cemetery Road, at the west end of Woodward.

65 HEAD HOLSTEINS

36 milk cows (3 registered), service age bull, 28 springing and bred heifers. 10 cows recently fresh or springing, others in all stages of lactations, a good number 2nd and 3rd calf. This herd is not on test, but show a lot of production. T.B. and Bangs tested. Cattle will sell around noon.

Esco 350 gals. milk tank, Girton 250 gals. tank, Surge no. 22 milker pump, and some misc., milking items.

FARM MACHINERY

2 Farmall 450 tractors, gas and dsl. both w/fast hitch, J.D. no. 700 mixer-grinder, N.H. no. 327 manure spreader, I.H. no. 37 baler w/thrower and preservative att., I.H. no. 990 haybale, 1 H. hay crusher, M.F. rola bar rake, 2 wide track bale wagons used one season, 2 Gravity grain wagons, Gehl no. 710 and 85 self unloading wagons, N.H. no. 717 harvester w/corn head, I.H. no. 350 harvester w/3 heads, I.H. no. 56 hopper blower, A.C. no. 600 no-till 4 row corn planter used less than 100 acres, I.H. fast hitch planter, Oliver 13 disk gram drill, Taylor Way heavy duty 10 ft. transport disk like new, Pittsburg 12 ft transport field cultivator-harrow like new, 1 H. no. 401-12 ft. harrow, N.I. no. 305-2 row mounted corn picker, Win Power 12,000 K W generator on trailer, Sears feed mixer bin, 2 feed carts, misc. farm items and a small amount of wagon items

Terms - Cash Lunch at Sale

MR. & MRS. CLAYTON HETTINGER

Box 65
Woodward, Pa.
Mark Glick - Auctioneer
Reedsville, Pa.

PUBLIC SALE SATURDAY, MARCH 14, 1981 At 10 A.M.

The undersigned will offer at Public Sale in Centre County, Pa., 4 miles West of Old Fort Centre Hall or 4 miles east of Boalsburg, Route 45 on Rimmey Road Second Farm.

FARM MACHINERY

5 tractors - Farmall 460, diesel, row crop, 2 pt. H. Farmall - 400, gas, row crop, 2 pt. H. Farmall S M. power steering, Farmall-M power steering, Farmall-H. Allis Chalmers W.D. I.H. No. 60, 3 Bottom, 14" trip back Plow I.H. Plow No. 411, 4 Bottom, 14" trip back. I.H. Plow No. 412, 4 Bottom, 14" Trip back A C Plow for W.D., No. 53, Pickup, 3 Bottom Pittsburg trans Heavy Duty Disk, 10 ft with mulcher Kewanee, Chisel Plow, 190 Series, 9 ft 3 pt H Brillion, Cultipacker 11 ft I.H. No. 401 Spring tooth Harrow, 12 ft M.F. No. 33, gram drill, 15 Hole, single disk, with grass seeder Box, like new A C 4 row corn planter no till, No 600 insecticide Boxes I.H. 2 row corn planter No 211. N.I. Corn Picker No. 323 Pull type A C Gleaner E Combine, 10' grain head, good condition, bought new and used on this farm Gehl-Mixer & grinder, No 95, Good shape N I Flail mower, cut-ditioner 7 ft I.H. Baler, No 47, with thrower N I. Hay rake, No 402 3 good hay wagons, 2 with Hydric cylinders N.H. elevator, No 155, 30 ft with funnel & gram spout. N.H. Drag elevator. Lameo gravity box with new 8 ton running gears 1 flat bed wagon with Hydric cylinder 1 flat bed wagon, 16 ft. 1 feeder wagon. 2 wagons with boxes I.H. Manure Spreader No 540. 2 - I.H. No 33, Manure loaders. 1-Kelly loader with Hydric Bucket I.H. No. 8, Flail Chopper, Gehl self unloading forage wagon. Papec one row harvester P.T.O. I.H. No. 40, universal Blower. N I fertilizer spreader with grass seeding attachment, 12 ft. Power take off Corn Binder. McCormick Corn husker. Clipper seed cleaner, Concrete Mixer, 75 ft. endless Belt 9 inches. Mounted I H mower 3 Hydric cylinders. Wide front End to fit I H 460 or 560 Tractor. Cultivators to fit H. or M Tractors. Antique Ford dump truck, 1947-T tag. runs. 2 wagon loads of Miscellaneous items. Junk Pile

DAIRY EQUIPMENT

600 Gal. Milkeeper Bulk tank, a 4 horse power compressor, Kesco Dumping station, Delaval milk pump No. 73, 3 units with 1¼" vacuum line, approx. 15 good milk cans

CATTLE

Approx 25 head - some Black Angus steers, Holstein heifers of breeding age and down A few butchering items and household articles.

Lunch will be served.

Terms Cash or good check.

EDGAR & ELIZABETH RIMMEY

Owners
Carpers, Auctioneers
Ken Spicer, Clerks

Note Auctioneers & owners not responsible for accidents.

PUBLIC SALE SATURDAY, MARCH 21, 1981 10:00 A.M.

Located six miles east of Lancaster, 1½ miles south of Route 30, ¼ mile West of South Ronks Road, along the Bachmantown Road. East Lampeter Township, Lancaster County, Penna.

GRAY DRIVING HORSE

Carriage, spring wagon; two hack buggies; buggy shafts; steel wheel running gears; steel lane drag, dirt scoop, three new log rollers; eight 9' steel roller shafts; Fairbanks 13 ton drive-on scales, portable saw and saw buck with engine; steel wheel tobacco wagon; lumber; tongues; steel two horse hitches; 25 gallon sprayer with engine; 40' and 60' extension ladders, 20' ladder, step ladders; ladder jacks; two sets of driving and one set of work harness, harness parts; hames, log chains.

1920 WATER-COOLED AIR COMPRESSOR on gears, one horse cable power unit; square back sleigh; large anvil; broad ax; two wooden planes; old time parlor stove, two maddox; oil wagon lanterns; buggy wheels; beef gamble stick; steel farm equipment seats; wood tool tray; wooden wheel wheelbarrow; wagon seats; tool chest.

REMINGTON MIGHT-MITE CHAIN SAW; table saw with engine; Rockwell air drill; air grinder; air hammer; hand turn drill press; large antique power drill press; table grinder; small engines; tripod pipe vise; bench vises; garden duster; pipe threader; bolt cutters; wood and steel bits; pipe wrenches; sledges; tapping hammers; axes; hatchets; brace and bits; saw; open end, socket and adjustable wrenches; vise grips; files; wood and stone chisels; wrecking bars; punches; C-clamps; metal tool boxes.

Shovels; forks; stone forks; tree trimmers; bolts; screws; nails; gas lanterns; paint brushes; wooden horses; pipe fittings; rope and tacklings; fire extinguisher; hinges; 8 volt battery; scrap iron.

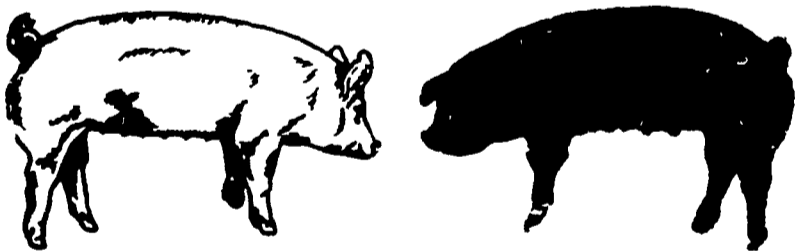
Small desk; coal stove; three wooden bottom chairs; two rope beds; drop leaf table; extension table; crocks; jars; etc.

CHRIST M. FISHER, Est.

Levi Z. & Ammon F. Fisher
Executors
SALE AT 10:00 A.M.
Diffenbach's Auctioneers

THANK YOU BUYERS FROM Lawrence, Leon and Thomas Arnold 17th Production Sale

OF



Yorkshire

Durocs

AUCTIONEER, Harry Bachman, Annville, PA.

BRED GILTS

High selling @ \$580 to John W. Shaffer, Dalmatia, Pa Sire "KICK"
2nd high @ \$500 to Wayne Bankert, Red Lion, Pa Sire "HUSTLE"
34 Yorkshire bred gilts average \$348.68
14 Duroc bred gilts average \$296.07
48 bred gilts total \$16,000 average \$333.33.

OPEN GILTS

High selling @ \$220 to Ronald Harrison, Littlestown, Pa Sire "TOP CHOICE"
2nd high @ \$185 to L. M. Fowler, Hughesville, MD Sire "LEXINGTON"
20 Registered Yorkshire open gilts average \$164.50
10 Duroc open gilts average 169.50
6 Crossbred open gilts average 160.00
14 Commercial Yorkshire open gilts average 157.85
50 open gilts total \$8155.00 average \$163.10

BOARS

High selling @ \$460 to Ronald Harrison, Littlestown, Pa-Sire "LEXINGTON"
2nd high @ \$450 to Harry G. Kreider, Quarryville, Pa. Sire "HUSTLE"
19 Yorkshire boars average \$307.89
13 Duroc boars average 348.84
32 boars total \$10385 average \$324.53
Sale total 130 head \$34,540 average \$265.69
64 registered buyers 6 states represented

Next Sale

FRIDAY, APRIL 24, 1981

6:00 P.M. Lebanon Fairgrounds