

Atrophic rhinitis cuts performance

GEORGETOWN, Del. — A recent survey of six hog farms on the Eastern Shore showed that five of them had the disease known as atrophic rhinitis.

Incidence of this disease may run as high as 75 percent nationally. It is characterized by a wasting away of the tiny scroll-shaped bones in the nostril of the pig. These bones are covered with mucous membranes that help filter incoming air.

When these filters are removed, the pig becomes very susceptible to respiratory illness, including pneumonia.

Mortality from atrophic rhinitis is very low. But losses can occur from slow growth and poor feed efficiency in infected pigs, warns University of Delaware extension livestock specialist Richard Fowler.

Two strains of bacteria are the principle causes of the disease. But other factors including gases resulting from poor environmental management, secondary invaders such as pneumonia-causing organisms, or internal parasites may add to the severity of the problem.

The organism lives and multiplies in the respiratory tract. When exposed to the sun it can't survive longer than four to five weeks. But it may survive in the shade for up to four months.

All the common disinfectants are effective against it if they come in contact with it.

Atrophic rhinitis is spread in three ways, says Fowler. (1) An infected sow can spread it to her litter shortly after birth. (2) Spreading can occur through the air in farrowing houses and nurseries. (3) Or cats, dogs and rodents can spread the organism to non-infected swine.

Producers often ask how they can recognize the disease. Sneezing is

the most common sign, with excessive tearing on the face below the eye.

A nasal discharge may contain blood in severe cases. The nose may become twisted, shortened or crooked. Some growers check a sample of their pigs against a post-mortem exam or slaughter check. To do this cut the nose at the second pre-molar tooth. It may be possible to isolate the bacteria in cultures taken from the nasal cavity.

Several control measures are useful in limiting atrophic rhinitis in a herd. Cull visibly affected animals. Use an all-in, all-out system in your farrowing house and nursery. Keep the percentage of replacements to a minimum. The

organism can survive up to three months in the soil during winter.

A summer pasture rotation program with six weeks between uses is advisable. Control rodents and keep cats away from pigs.

Treatment is best accomplished with either sulfathiazole or sulphamethazine, says the specialist. Administer 100 grams per ton of feed to sows for three to five weeks. Do this before farrowing and during lactation.

Baby pigs should receive medicated water from their first day until they reach 50 to 75 pounds. Observe the proper withdrawal periods for medications.

Vaccination is a very useful tool in preventing and controlling rhinitis. Consult your veterinarian or vaccine

supplier for proper dosage and timing of application.

Many producers experience this disease

in their herds but with good management and reduced stress, their hogs perform well in spite of its presence.

PUBLIC SALE

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SATURDAY, MARCH 14 10 AM

43 w/e Tractors: I.H. 656 D hydro clearance, loaded, Nice; I.H. 400 D w/T.A.; Oliver 77; I.H. 147 Cub Cadet w/Mower & Front Loader w/L.P. Gas Attachment, Nice, I.H. 203 S.P. 13' Combine w/Cab; 72 Ford F-750 Cabover 26' Truck w/4' Sides, Real Nice; I.H. 550 5-16" Semi-Plows; I.H. 12'6" Vibra-Shank Transport field cultivator; 2-16" harrows; J.D. 15-7 hole drill; I.H. 456 4 Row Planter w/Gandy Boxes & Monitor, Nice; N.H. 479 haybine; N.I. 7' cut-ditcher; I.H. 15 Rake; Pequea PTO Tedder; N.H. 278 PTO Baler w/thrower; New 3 pt. Fert. Spreader; 5 Ton Tandem Fert. Spreader; 15,000 Watt PTO Alternator; John Bean Mod. 30 Air blast Sprayer; Lockwood 2 Row hi-speed planter; Champion 2 Row Harvester; Hanes (hyd.) Potato Bin Stacker w/36' Boom; 5 Bulk Potato Bodies on trailers & wagons; Continental F-226 Industrial Engine; 3-225,000 & 2-150,000 BTU oil furnaces for Greenhouses; Weil-McClain oil burner Furnace w/2800' Radiation (Steam or hot water) used 6 mths.; 10-36" wall fans; 6 Louvers; Greenhouse Supplies; Loads More.

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PUBLIC AUCTION

FARM EQUIPMENT, MODEL T TRUCK; CHEV. TRUCK, CADILLAC & ANTIQUES

FRIDAY, MARCH 6th, 1981 At 10 A.M.

(9 miles N. of Easton), 1/4 mile N. of Martins Creek along Rt. 611 toward Bangor, Northampton Co. Pa.

FARM EQUIP.; MISC. TOOLS; EQUIP.

Massey Harris 44 gas tractor; JD 420 tractor w/3 pt. culti.; Farmall A tractor w/hyd. culti. & sickle mower; Farmall Cub tractor w/culti., sickle mower & RL pl.; JD 3 pt. two r c planter; 3 pt. two r culti.; JD 15 hoe grain drill on rubber; 8' transport disc; 3 pt. harrow; Grove four wheel dump trailer; N Idea 310 c husker; JD 6' rotary cutter; N Idea parallel rake; MC 45 baler; Smoker 24' elev.; MC 64 combine w/engine; Onan 5000 watt generator; Lincoln 225 AMP portable welder; Seneca Fall 6"x36" metal lathe (needs little repair work); (2) Toledo 200 lb. dial type platform scales; 100 hp four cyl. universal Ford marine engine w/gear box; store counter top beam scale; old antique gas pump w/glass & screen cover; (2) old barber chairs; one horse sleigh; old wooden grain threshing machine (nice); large lot of welding cables; metal ice box; old license plates; (2) hand drawn antique fire men hose carts, hose & ladder; plus many more misc. tools, parts & accessories not mentioned. CUB CADET #123 HYDRO RIDING MOWER w/48" DECK.

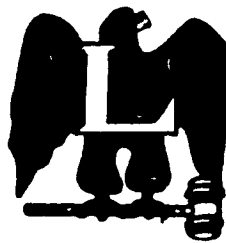
TRUCKS & CARS

1923 model T stake body truck complete (nice); (2) model T engines, rear, transmission; 1948 Chev. 1/2 ton fire truck w/utility body, siren, (24,995mi) nice; 1948 Cadillac convertible (new top); (1958 T-Bird parts) front & rear bumper, tail light. NOTE: This is a collection of many years everthing goes.

Terms: Cash or check, out of state checks must be accompanied by current bank letter of credit

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Along Spring Valley Road, Rohrerstown, PA

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DAIRY & MACHINERY SALE

TUESDAY, MARCH 3, 1981

10:30 A.M.

The undersigned, located 2 1/2 miles N.E. of Landisburg, Perry Co., Pa., 12 miles North of Carlisle on Rt. 74, will sell the following:

DAIRY HERD

60 Head Holsteins 60

Several Registered Cows & First-calf Heifers. Approx. 1/2 just recently fresh or close springers. Balance in all stages of lactation. Some bred for Base Milk. A Good Young Dairy - Producing Well.

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FARM MACHINERY

I.H. 311 Fast-hitch 3-bottom Plow; J.D. 24T Baler with Kicker; N.H. 460 Haybine; N.H. 56 Rake; 2 Bale Rack Wagon; N.H. Ground-Drive Manure Spreader; I.H. 2-row Trail Corn Planter (Plastic Fertilizer Boxes); Onterio 14 Disc Drill; Dunham Loader with hydraulic Bucket; Kingwise 30 Ft. Elevator; J.D. 3-section Lever Harrow; Farmall Cub Tractor - Yellow & White Paint; Quick-hitch Plow & Cultivators; 4 ft. Sickle Bar Mower for Cub & harrow; ft. End Angle Blade for Cub; N.H. 6 T. wagon with flat; I.H. 7 ft. Mower; 460 I.H. Tractor, Fast hitch, P.S. T.A.; 3 Surge Milker Units with Rebuilt Pulsators; Dumping Station with Line Dryer; Wagon Running Gears; 3-pt. Oliver 3-bottom Plow; J.D. #5 Mower Conv. to 3-pt. Side Delivery Rake; S.C. Case Tractor with 3-pt. Hitch; 7 Ft. Case Mower - 3pt.; 2-Cultivators - 3 pt.; 2-3 pt. Scraper Blades; Badger Stock Waterer (new); 30 Sawed Locust Posts; DeLaval #73 Milker Pump; M.F. #50 Tractor; Sauder Loader; N.H. Flail Chopper.

Order of Sale: Machinery, Cattle at Noon.

Lunch Stand Catalogs on Cattle

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OF FARM EQUIPMENT

& HOUSEHOLD GOODS

SATURDAY, MARCH 14

at 9:00 A.M.

Located along Rt. 645 1/2 mile north of Rt. 422 at Myerstown, Pa.

702 Uni-System with corn picker and sheller, A.C. WD45 diesel w/cultivator, Farmall cub w/cultivator, small crawler w/loader, 4 bottom 14 International plow (fast hitch or 3 pt.), model 60 J.D. flail chopper, 2 small manure spreaders, J.D. disc harrow, spike and spring tooth harrows, A.C. disc harrow w/folding wings, 8 ft. disc, 9 ft. double cultipacker, A.C. 2 row corn planter (3 pt.), 2 wagon running gears (1 w/flat bed), land roller, 2 smoker elevators, 7 ft. 3 pt. blade, 6 ft. blade, hog holding crate, hog feeder, potatoe grader, 2-16 ft. gates, Sears 4 can milk cooler, feed cart, 2 tobacco presses, 3,000 tobacco lath, 35 and 55 gallon drums, old drill bits, butcher bench, pudding stirrer, old strainer, wagon load of small items, straw bench, scrapple pans. Assorted doors, windows, roofing & siding, 20 in. truck tires.

HOUSEHOLD GOODS

Dresser, washstands, high chair, crib, bed, 2 gas stoves, combination coal and gas range (Prizer), assorted tables, wooden wardrobe, rockers, wooden tubs, jug and crocks, gas burner, Frigidaire deluxe twin 75 air conditioner, playpen, new curtain stretcher, pillows, toaster, wooden spoons, L.C. Smith Typewriter, canister set, quilt tops, assorted dishes and kettles, cluck door stops, unusual miniature lantern, lawn chairs, 7 Hp. Wheel Horse w/36 in. mower (electric start), 8 Hp. Hahn Eclipse w/32 in. mower and rear bagger (electric start), 7 Hp J.D. w/36 in. mower, also some power mowers all are reconditioned, many items too numerous to mention.

Sale Time: 9:00 A.M.

Sale order: Small items, household, equipment.

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