

Rains spur arrival of plant diseases

COLLEGE PARK, Md. — Rainy weather in early April appears to be triggering a pattern of fungus infection in Mid-Atlantic area home and commercial fruit orchards that is reminiscent of five years ago.

This word comes from Dr. Leslie O. Weaver, Extension plant pathologist and professor of botany at the University of Maryland at College Park. Dr. Weaver reports that mature spores from the overwintering stage of apple scab fungus were found April 1, on trees at Hancock (Washington County), in western Maryland's commercial apple-growing area.

Since rain fell on several successive days after this discovery, the three major

requirements for spreading the infection have been met. These requirements are:

Mature ascospores from scab-infected leaves of the previous year; Green leaves exposed from current-season buds; and sufficient hours of wetting for infection to occur.

Delayed dormant oil sprays containing a fungicide would have protected the emerging small green leaves if applied before the rainy spell started, Dr. Weaver commented.

But if you are among the many who didn't get their dormant spray applied this year, get set for an eradicator spray schedule which calls for applications every six to

eight days between now and the end of May.

Such regular spraying is important both to insure scab-free fruit from this year's crop and to protect the new buds which will bloom and produce fruit next year.

If apple scab was present on your trees last year — or in nearby orchards — pre-bloom sprays should contain an eradicator fungicide like dodine (Cyprex) or benomyl (Benlate), either alone or in combination with a protectant such as captan.

If scab infection did occur in your apple trees that rainy first week in April, you can expect the characteristic

leaf spots to start showing up in mid-April.

For more information, contact your county Extension agricultural science or horticulture agents. County Extension offices in Maryland will have the following free publications, as appropriate: **Spray Schedules for Commercial Tree Fruit Growers** (Maryland Extension Bulletin 134) **Sprays for Home Fruit Plantings** (Maryland-Delaware Extension Bulletin 125).

If a similar rainy pattern occurs in early May, disease problems with ornamental shrubs are also apt to ap-

pear, the Maryland Extension plant pathologist warns. To be prepared for such emergencies, ask your County Extension office for a free one-page leaflet titled **Disease Control of Ornamentals** (Plant Pathology Mimeo No. 12 — revised 4/75).

Some additional comments on this year's rainy spring have been provided by Dr. Orman E. Street, acting climatologist in Maryland for the National Weather Service of the National Oceanic and Atmospheric Administration in the U.S. Department of Commerce.

Dr. Street noted that rainfall so far in 1979 ranges from near normal in western Maryland to moderately above normal in central Maryland and excessively above normal on the Eastern Shore.

So this situation may be a precursor to comparative degrees of plant disease problems that may occur across the state in the next month or so.

PUBLIC SALE

**ORCHARD AND FARM EQUIPMENT
ANTIQUES AND HOUSEHOLD GOODS
SATURDAY, APRIL 28**

At 9 A.M.

(Large Equipment at 12:30 P.M.)

Located in Berks County, Pa.; 4 miles North of Boyertown, West off Rt. 100 to Eshbach. Follow Lenape Rd. 1½ miles West to Anthony's Mill Rd. to Auction.

**TRACTORS,
FARM EQUIPMENT, ETC.**

D2 Caterpillar diesel with bulldozer blade, Int. Har. 34 H.P. 300 UTILITY tractor with rear mounted fork lift; Ford Ferguson and Ford 8N tractors with 3 pt. hitch implements including: Dearborn 2 bottom plows and extra parts, spring cultivators, circular bucksaw, P.T.O. pulley, Dearborn 7½' side mower, Woods 5' rotary Mower, Lely spin Spreader, 2 row corn planter, J.D. tomato transplanter, Dearborn rear scraper blades, post-hole digger with extra augers, rear fork lift, PTO sprayers pumps, and many other spare parts; as is Cletrac Oliver AG-6 crawler tractor; Wheel Horse riding tractor with equipment including: Hamburg single blade horse plow, J.D Killefer 9' disk harrow, 200 gal. field sprayer, large fertilizer spreader, 9' spring harrows, stone boat, air compressor with Wisconsin engine Milwaukee 7½ H.P. rototiller, insecticide sprayers, drill press, hydraulic jacks, crowbars, tow chains, urea nitrogen fertilizer, various lumber and barn beams, 75 bales straw, crosscut saws, scythes, many garden implements, hand tools and other items.

TRUCK AND CARS: 1961 GMC 3500 TRUCK with 12' closed body, 1968 VW Beetle, 1967 VW Squareback, 1964 Chevrolet 4 dr. sedan, 2 wheel trailer with title, 1950 Chevrolet 2 dr. sedan complete.

ORCHARD EQUIPMENT

John Bean 36 E air blast 500 gal. Speed Sprayers, flat bed orchard trailers, air pruners, chain saws, tractor mounted pruning platform, apple bagging machines, Weyland apple grader and parts, automatic bulk bin dumper, bulk bin boxes, oak pallets, Hyster QT-20 Forklift L.P., Barret Electric Lift truck, pallet jacks, hand trucks, baskets and apple boxes, roller track, step ladders and orchard ladders, cherry shakers and catching frames, pruning clippers, as is John Bean 400 gal. ROYAL high pressure sprayer, land parts, as is Niagara Cyclone duster, staplers, platform scale, hand cider press, apple grinder, truck tarps, space heaters, hand tools, beekeeping supplies, trellis wire, and other items.

**ANTIQUES AND
HOUSEHOLD GOODS**

Brass fire irons and tongs, oak clerk's desk, Revere lantern, mahogany partners' desk, Windsor chair, oak sideboard, oak beveled mirror, walnut wardrobe, iron crib with brass finials, benches, Empire bureau, trunks, clocks, cabbage slicer, leather books, wooden toys, flatirons, treadle sewing machine, crocks, blue Ball jars, glassware and china, bric-a-brac.

Spinet piano, new Franklin woodstove, apt. size refrigerator, dehumidifier, beds and 5 bed frames, table, canning jars, books, sideboards, chairs, wooden high-chair, Doll furniture and dolls, TVs, wooden desks, window fan, sleeper couch, home winemaking supplies, carboys, and numerous other pieces.

Terms: CASH or checks with I.D.

Lunch Stand

Sale by

MRS. WILLIAM H. MOON

Silver Crest Orchard

Auctioneer: Victor B. Rhoads

Tel. (215) 326-5042



COMPLETE DISPERSAL

Held at Shady Lane Dairy Sales, ¼ mile West of Quarryville on Oak Bottom Rd.

FRIDAY NIGHT APRIL 20

7:30 P.M.

**75 Head High Grade
& Registered Holsteins**

This sale consists of a herd of 30 head Holsteins from S. Lancaster Co., good herd with ½ fresh last mo. for spring, balance due summer and fall. Also 10 cows fresh from 1 herd that are being sold as they get fresh or close, 6 fresh cows from another herd where the herd is being sold as it freshens. Good load of hand picked NY cows right off the farms where they are raised. Farmers if you are in need of good dairy cows make your plans and mark this sale to attend. No cows sold prior to sale. All cows will be sold on sale date, 30 day TB & blood tested, pregnancy examined.

SHADY LANE DAIRY SALES

RD 4, Quarryville, PA

Owners

Glenn D. Fite
717-786-2750

David L. Fite
717-786-1725

PUBLIC SALE

**FARM EQUIPMENT, TOOLS &
HOUSEHOLD GOODS
WEDNESDAY, APRIL 18**

11:00 A.M.

Loc. at Intersection of Highville Road & Indian Marker Road, R.D. #1 Millersville, Pa. Manor Twp., Lanc. Co., Pa. (about 3 miles west of Millersville or 1 mile east of Highville Fire Co.)

EQUIPMENT: D-10 Allis Chalmers tractor w/bottom plow & culti., Farmall H tractor w/manure loader, scoop & snow blade, I.H. bottom plow, 24 disk harrow, International cultipacker, 2 sec. spring harrow, spring harrow, 7' International mower, 5' A.C. rotary mower, International hay rak, 2 wheel trailer w/racks, Black Hawk corn planter, J.D. corn planter 290, Bemis single row tobacco planter, tobacco wagon w/ladders, mount. tobacco planter, shovel harrow, shovel plow, fertilizer & hole drills, field sprayer w/Myers pump, Minnich tobacco press, 3000 tobacco lath, #100 I.H. manure spreader. **TOOLS, ETC:** 36' & 28' wooden ext. ladders, platform scales, 16' wooden boat & trailer, wheat cradle, clover seeder, hand pump, elec. blower, 275 gal. oil tank, Myers well pump, elec. motors, forks, rakes, shovels, log chains, & lots of other tools not listed. Chicken crates, berry boxes, galvanized roofing, odd lumber, scrap iron, etc. **HOUSEHOLD GOODS:** Kerosene stove & space heaters, wood stove, 10 pc. Waterfall dining room suite, 7 pc. bedroom suite, Maytag wringer washer, victrola cabinets, 2 school desks & chairs, metal wardrobe, baby furniture, lg. rd. mirror, crocks & jugs, iron kettle, 2 wool comforters, misc. glassware & china, elec. appliances, etc. **NOT RESPONSIBLE FOR ACCIDENTS DAY OF SALE. NO OUT OF STATE CHECKS ACCEPTED. Food served.**

Sale by,

MR. & MRS. ELWOOD C. FREY

Howard Shaub Auctioneer 464-3541

and Roy C. Probst 464-3190

PUBLIC SALE

**OF 13 ACRE FARM
TO BE HELD
SATURDAY, MAY 5**

At 2 P.M.

Located 3 miles West of Manheim, ¾ mile North of Sporting Hill, along Colebrook Rd., midway between Sporting Hill and East Fairview Church; Rapho Twp., Lancaster Co., Pa.

13 ACRES

more or less, thereon erected is a 2½ STORY FRAME DWELLING with new siding, new roofs, and oil hot-air heat. The interior of this house has been removed and is ready to be remodeled.

LARGE BANK BARN with slate roof, stripping room and dampening cellar. 1½ story frame car garage. Running spring thru this property.

Approximately 600 ft. road frontage with 1 surveyed approved building lot.

Persons wishing to view property may do so Saturday, April 21 & 28 from 12 to 4 P.M. or by calling 665-5727 for an appointment.

Sale by:

RAY E. MILLER

J. David Young,

Attorney

Rufus Geib, Auctioneer
665-4136

ON THE FARM

MONTHLY BRED GILT SALE

FRIDAY, APRIL 20

Sale to start promptly at

1:00 every 4 weeks

Located 18 mi. South of Lancaster, Pa., 6 mi. South of Quarryville, take 272 to Little Britain, turn North, follow Little Britain Rd. to Jackson Rd., turn East, second farm, or take 222 out of Quarryville to Ceder Hill Rd. to Little Britain Rd. to Jackson Rd. Watch for sale arrows.

50 HEAD 50

(More or Less)

2 x 3 way cross bred gilts,

York & Hampshire & Duroc.

This sale consisting of 25-3 way cross bred gilts (parent stock, Wayne Better Bilt Gilts that came in out of the West) York & Hampshire & Duroc cross. These gilts are sired by purebred duroc, bred to purebred York. Looking for Better Stock? Need replacements & adding on or just starting in? Here is an opportunity to buy Better Bilt Gilts (acclimated) due to farrow from 3 days to 4 weeks after sale date. These gilts have size & quality to suit most any buyer. If you are in need of bred gilts plan to attend this sale. They'll be ready, some will be close.

Owner

CHRIST A. BEILER

R.D. 2

Quarryville, Pa.

Same time & place, 25 head (more or less) 2 & 3 way cross. Direct offspring from gilts purchased from Mark Nestleroth well known hog breeder from Manheim & a few from Willow Glen. These gilts are sired by purebred duroc also from Nestleroth stock and bred to purebred Hampshire from Franklin Feeser, Md. Due to farrow from 3 days to 3 or 4 weeks after sale date.

Everything vaccinated for erysipelas, wormed & sprayed for lice. Truckers Available.

Owner

JOHN B. STOLTZFUS

Abe Diffenbach - Auctioneer

NEXT SALE DATES - May 18 & June 15