

# Integrated insect control to be featured at Ag Progress

UNIVERSITY PARK - Integrated insect control, combining limited amounts of an insecticide with the use of natural enemies of harmful insects, can increase profits in farming. Such integrated pest control will be described during Ag Progress Days August 23 to 25.

The technique has been tested for two years on potatoes at the Research Center by Dr. Zane

Smilowitz and associates. Using no insecticide (to conserve beneficial insects) and applying lower than normal quantities of soil systemic insecticide, the Penn State scientists produced yields equaling those from standard plots using standard insecticides.

Visitors to Ag Progress Days will learn how this method of integrated pest management can reduce the grower's insect control

costs and increase profits per acre.

Another experiment, to determine the impact of natural enemies on aphid populations, will be featured - along with the effect aphid populations have on plant growth. Potatoes dug at different times during the growing season will be displayed to demonstrate how they develop and effects

of insect numbers on quantity.

Elsewhere in entomology experiments, four different seeding rates of alfalfa will be compared under four insecticide treatments. Previous studies indicated that carbofuran (Furadan) incorporated into the soil at seeding time gave excellent control of potato leafhopper and blotch leafminer to the first cutting. This treatment may offer the farm an opportunity to save money by

reducing the seeding rate of alfalfa without penalty of yield and quantity, stated Stanley G. Gesell, Extension entomologist, and Lynn D. Hoffman, research agronomist, in charge of the plots.

Gesell said that experiments to control

leafhopper and blotch leafminer on established alfalfa will also be featured. The 1976 tests indicated that acephate (Orthene) spray applications provided good control of these two insect pests. The 1977 plots will show the efficiency of several spray dosages with and without the addition of a surfactant or wetting agent. Elsewhere, the cost versus benefits of various soil insecticides on field corn will be shown.

## BRED GILT SALE

SATURDAY, SEPT. 3, 1977

1:30 P.M.

Located 8 miles north of Myerstown on Rte. 501 and 1 mile south of U.S. Rte. 22 on Rte. 501 at Bethel, Pa. Turn west at Bethel School to second farm on left at Harvey Zimmerman farm.

60 - Bred Gilts  
4 - 240 LB. Boars  
3 Way Cross

Gilts are bred to purebred Hampshire boars, start farrowing Sept. 10. Pigs were Vaccinated Erysipelas, wormed, and treated for lice.

No outside hogs will be sold at this sale, they are all home raised.

G. Harvey Weik, Auct.

Conditions by:

Henry H. Martin

717-933-4279

## Dairy and beef cattle activities planned

UNIVERSITY PARK - Beef cattlemen and dairymen from Pennsylvania and neighboring states are invited to attend a varied program during Ag Progress Days August 23, 24, and 25 at the Rock Springs Agricultural Research Center, say Lowell L. Wilson and Stephen B. Spencer of the Department of Dairy and Animal Science, The Pennsylvania State University.

The Center is located nine miles west of State College, on Route 45.

A live demonstration will feature information about beef quality and meatiness grades and recent beef carcass grade changes and relative costs of production. The method of estimating carcass meatiness of hogs by

ultrasonic evaluation will also be demonstrated.

Representatives of AI organizations and breed associations will be available to discuss activities of their national and state organizations.

The program for dairymen will also include demonstrations and displays on handling of frozen semen, forage testing, calf hutches, substituting high quality forages for grain, and many others.

A live deer will be on display with posted information about the habitat and nutrition of Pennsylvania deer. Many other consumer - and producer - oriented exhibits, displays and demonstrations will be on hand, including dairy goat displays.

Food will be available on the grounds and there will be a small charge for parking to help defray expenses.

## PUBLIC SALE

OF 117 ACRE FARM &  
112 ACRE FARM &  
DAIRY HERD & FARM EQUIPMENT

Located approximately 5 miles North of Myerstown. Take Route 501 North to Mill Road, turn left to farms.

SATURDAY, SEPTEMBER 10, 1977

At 10:00 A.M.

**Farm #1:** 117 acres, 95 acres tillable, mostly level to gentle slope, good fertile soil, very clean no rocks, type soil, part Ryder and Wiltshire silt loam, small part shale mixture, Swatara Creek and small creek flowing through property. House brick, first floor-modern kitchen, dining room, and living room, second floor-four bedrooms and bath, full basement, oil-hot-water heat, 2,000 gallons in-ground tank, water supply-270 ft. well. Bank barn, three bay drive in 42' x 110' old-type stables, 12' x 55' tile silo, frame 3 bay garage, level around buildings.

**Farm #2:** 112 acre dairy farm, approximately 95 tillable, level to gentle slope, good fertile soil. House frame, first-floor-four rooms with modern kitchen, second-floor-four rooms and bath, full basement, oil-hot-heat 2,000 gallons in-ground tank. Water supply-two wells and 1/2 acre farm pond. Barn 40' x 74' bank barn, free span dome roof, 37 stanchions, 80' x 88', 120 free stall cow barn. 26' x 44' free stall building, 65' auger feeder with roof, 12' x 45' stave silo, 14' x 45' concrete silo, 14' x 21' milk house, 30' x 30' x 1 1/2 story corn and equipment shed, 30' x 100' trench silo, wooden sides, concrete floor, 30' x 60' implement shed, 20' high free span. Real Estate to be sold at 1:00 P.M. Inspection, anytime by appointment to be offered each individual farm or by entirety. Farms are land joining.

For inspection call HORNING FARM AGENCY, INC. 215-286-5183. Terms 10% down day of sale. 60 day settlement.

44-Head Holstein Dairy Herd, 39 milk cows, 15 registered, top producer 18,906 milk, others over 18,000 lbs., 6 over 16,000 lb., 6 months to 1 year.

### FARM EQUIPMENT

1969 gas 5,000 Ford motor and transmission rebuilt, 4-Star-Jet M.M. tractor diesel, John Deere 1010 crawler, blade and winch, No. 67 N.H. baler, 101 Ford 4 bottom 16" plow, Ford 12' disc harrow, Ford 535 haybine, J.D. 46 loader, manure fork and 7' bucket Ford post hole digger, Pollard 5 wheel hayrake, Int. lime spreader, A.C. 720 harvester 2 row corn and hay pick-up, 20' David Bradley grain elevator, 24' hay elevator, 2-row 309 Ford planter with 4 row bar, Dion blower and pipe, 1959 Ford F600 truck, 1957 Int. dump truck for parts, three 12-hole, 2 ten hole, wooden hog feeder, 3 hog waterers, 10 H.P. Ford lawn tractor with 42" mower and snowplow. Girton 825 gallon bulk milk tank, 6 DeLaval pipeline milker unit, glass pipeline for 37 cows, DeLaval automatic washer, 2 stainless steel tubs. 90 acres standing corn, also baled alfalfa hay.

Terms by:

ROY C. & JANET McLAIN

Patrick M. Reb, Atty.

Elton & Alvin Horning, Auct.

HORNING FARM AGENCY, INC.

Main Street

Morgantown, Pa. 195413

## NORTHEASTERN INVITATION

## DUROC SALE

Sponsored by  
The Penna. Duroc Breeders Assoc.

FRIDAY, AUGUST 26, 1977

Show at 4:00 P.M.

Sale at 7:00 P.M.

Location: Lebanon Fair Grounds. From Rt. 72 to Rockerty Road East.

BOARS OPEN GILTS BRED GILTS

Health Papers for out of state sales will be available.

Auct. - Harry Bachman, Annville  
Judge - Fred Crittenden, Hardyville, Va.

For Catalog Write: Rick Pfautz, Sec.

RD 1 Stevens, PA 17578

## RE-GE FARM COMPLETE

## DISPERSAL

FRIDAY, AUGUST 26, 1977

11:00 A.M.

The undersigned will sell at the Art Kling Sale Barn, located 12 miles North of Carlisle on PA Route 74, 2 1/2 miles North East of Landisburg, Perry County.

45 Head-Reg. Holstein Cattle

DHIA-Classified

32 Milking Cows and Heifers

3 Bred Heifers - 3 Yearlings

Calves - 1 Bull

Most of them are 2-3-4 Year Olds

DHIA Rolling Herd Avg.

15038 Milk - 3.9 Test - 588 Fat

88 Pt. King Pin: 6 yr. 11 month, 327 da., 21506 milk, 3.9-844 fat.

86 Pt. King Pin: 4 yr. 11 month, 305 da., 15696 milk, 4.4-689 fat.

88 Pt. Vern: 5 yr., 325 da., 17518 milk, 4.0-708 fat.

3 - Good Plus Transmitters.

Others sired by: Ivanhoe Star-Bootmaker-Fleetridge Monitor-Rockdale Pres.-Seiling Rockman-Ivanhoe Jack-Seaman.

Vac. - Cert & Accredited: Young cattle that are improving every year - individuals that would make a welcome addition to your herd.

### Dairy Equipment

Sani-Matic dumping station, vacuum; 3 - DeLaval sterling milkers; extra pail strainer; misc. items.

### Machinery

IH 504 tractor row crop, Farmall H tractor, J.D. B with loader, NEW IH haybine, 7 ft. cut, No. 990, IH baler & thrower, No. 430, NH 3 pt. mower, No. 451, belt drive, 2 yr. old, NH 250 bu. manure spreader, IH wheel rake, 3 bale rack wagon, 1 Bale King, 2 wooden rack flat wagons, IH 6 ft. flail chopper, IH 3 bottom 3 pt. plow, 14 inch, 3 pt. Blake, 2 bottom trail plow, IH 2 row planter, J.D. 3 section lever harrow, IH orchard disc, cultivators for Farmall H&M, NI loader for H & 504, Ontorio hoe drill, 24 ft. hay elevator.

J.D. 110 lawn tractor, 36 inch mower-Johnson loader, 2 way hydraulic, 3 ton bulk feed bin, Auger out type.

Sale Order: Machinery-11:00, Cattle-1:00

Terms: Cash

Allen E. & Richard L. Rote

Owners - 789-3193

Fred Naugle, Ped.

V. Art Kling, Sale Mgr.-Auct.

789-3883

## PUBLIC AUCTION

Authorized by Sheriff of Queen Anne County at PEARCE LUMBER, INC., 1 mile south of Millington, Md., on Route 313.

SATURDAY, SEPTEMBER 3, 1977

At 12:00 Noon

#1 - A complete electric operating sawmill on 6.5 acres with debarking and wood chipping equipment. (Presently in operation) to include 1000 Amp. service, 3 phase, 61 cycles, 220 volt, capacitors on all machines, 200' roller conveyor, 60' chute, Lane headsaw, 44" x 52" saw blades, Lane double husk w/100 hp. motor, Tyrone-Berry feed, Corley trimmer 46" & 75 hp. motor, live deck 42' - 4 chain, J.A. Van stop & load, Corley log turner, American swing saw 32" blade, log cleaner, DeWalt radial saw, wedge saw, Phelps chipper, 30 hp. compressor, Morbark debarker & chipper, Great Northern bridge crane 66' span, Euclid bridge crane, etc. . . .

Includes sawmill building, office, sewer system, planer mill, lunch room, & other buildings & air conditioners . . . (to be sold as entirety).

#2 - Office Equipment to be sold individually - desks, chairs, files, calculator, parts cabinets, etc. . . .

#3 - Individual Items: Super 10 Pettibone Carrilift serial #2128 - model #104A w/G.M. diesel engine; saw blade grinder, 3 mat drills; 3/4" drill motors; 52" blade, Hobart elec. welder, acetylene outfit; belt lacer; greasing equip.; banding tool; socket set; and many other various tools and equipment.

Terms: Cash or approved check for personalty. Real Estate: \$5000. Deposit in Cash or Certified Check . . . Settlement within 30 days, after completion of Court proceedings . . . Balance in Cash or Certified Check at Settlement.

HARRY RUDNICK & SONS, INC.

Sales Managers & Auctioneers of Galena, Md.

(301) 648-5100