

USDA Claims Success

All-Out Fight in Florida Controls Fruit Fly

One year ago on Nov. 26, 1958) field workers of the U. S. Department of Agriculture and the Florida State Plant Board trapped the last Mediterranean fruit fly in the United States in Manatee County, Florida.

For these workers — and for the fruit and vegetable industries of the Southern United States — Nov. 26, 1957, will long be a landmark in man's continuing fight against insects. Since that date a comprehensive trapping program has been continued to make sure the Medfly has not survived in some isolated section of Florida, the only State in which it was found in 1956 and 1957. Not a single Medfly has been trapped.

Entomologists term the Medfly the world's worst fruit pest. It also attacks many vegetables. During the period April 13, 1956, to Nov. 26, 1957, it not only menaced Florida's \$400 million annual fruit and vegetable crops but also those across the southern half of the Nation.

The Medfly invasion began, entomologists believe, when the pest sneaked into Florida in baggage arriving at a Miami area water port or airfield. It was first discovered by a Miami home owner, infesting his backyard grapefruit trees. The pest was identified promptly and within ten days a full-scale attack was under way. State quarantines were invoked promptly and road blocks set up to prevent spread of infestation through movement of products.

Survey teams of trained inspectors searched out affected areas and measured the size and intensity of each infestation. These early surveys showed the Medfly to be infesting a thousand square-mile strip along the southeastern Florida coast. Accelerated surveys and trapping operations quickly revealed its presence on the Florida west coast and in central Florida — the main citrus producing area of the State.

By April 30, just 17 days after the pest was first reported the heaviest infestations were under spray treatment with ground equipment and on May 18 with small airplanes. By June 15 aerial spraying had begun over metropolitan areas with multi-engine aircraft. At the height of the program scores of aircraft were used to lay down a bait spray newly developed by the Department's Agricultural Research Service scientists. The program was surrounded by appropriate safeguards so that man,

last fly was trapped in November of that year, only 13 flies were found.

Once before, in 1929, this dreaded fly invaded Florida. At that time it was eradicated by an intensive program within a year's operation.

USDA-State cooperative efforts, including the destruction of many host plants and thousands of tons of infested fruit, were responsible for the quick success.

Such measures would not have been feasible in 1956-57 because of high labor costs and the large number and variety of ornamental and native host plants growing in the Miami area which were not affected in 1929.

Furthermore, development of safe-to-use bait insecticide mixtures permitted eradication without the destruction of millions of dollars worth of fruits and vegetables that accompanied the 1929 campaign.

Modern-day eradication was achieved with modern-day weapons — aerial applications of bait sprays, soil treatment under heavily infested trees, plastic traps, attractants and various fumigants — many of them developed by the Agricultural Research Service laboratories in Hawaii.

Gas Stoves Water Heaters
Room Heaters Gas Clothes Dryers
 MANY OTHER GAS APPLIANCES
 Priced Low to Sell — Our Service The Best

WARD BOTTLE GAS
 EPHRATA, PENNA.

Home Improvements
 Storm Doors, Windows, Jalousies,
 Awnings, Roofing, Siding,
 Carpentry, Roof Coating

AUTHORIZED RUBEROID APPLICATOR
 ALL WORK GUARANTEED

Ralph F. Kline
 405 S. Broad St. Ph. MA 6-7474 LITITZ, PA.
 Phone Lancaster LO 9-0841

Visit Our Stand At Root's Community Market
 20 years experience in Home Improvement field
 Our experience is your safeguard. Why take chances?

Pa. Honey Crop Off; U. S. Up 9%

Pennsylvania honey production for 1958 is estimated at 3,432,000 lbs., or seven per cent below the five-year average. It was six per cent below 1957, and 30 per cent below the ten-year average.

Colonies numbered 143,000 in 1957, ending a decreasing trend and up six per cent from 1957. Average yield per colony was 24 lbs. Value of the 1957 honey crop totaled \$872,000, with bee wax being valued at \$33,000. Average price for honey received by state beekeepers in 1958 was 25.4 cents per lb., averaging more than \$6 per hive income.

The Crop Reporting Service stated that U. S. 1958 honey production totaled 26,562,900 lbs., an increase of nine per cent over 1957 and 13 per cent above the five-year average. Production average from 7.42 million colonies was 49 lbs.

The national price average was 17.4 cents per lb. Production increases were 31 per cent in the West, 22 per cent in the West-North-Central, and 21 per cent in South-Central. Decreases were 18 per cent in North-Atlantic, 15 per cent in East North-Central and 14 per cent in South Atlantic.

The 10 leading honey states which produced 61 per cent of the crop were California, Minnesota, Florida, Wisconsin, Texas, Idaho, Iowa, New York, Michigan and S. Dakota.

FREE!
 Subscribers to
Lancaster Farming
 will receive **FREE** one advertisement
 each month in our Mail Box Market

Subscribers using the MAIL BOX MARKET will be governed by the following rules:

- Limit your advertisement to five lines which means not over 25 words.
- All advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper.
- Only one advertisement each month.
- No business advertisements accepted for this column.
- You are allowed to run the advertisement one time. Send in no duplication.

Please mail all advertisements care of
LANCASTER FARMING
MAIL BOX MARKET
P. O. BOX 1524, LANCASTER, PA.

Chester Co. Ext. Assn. Meets Near Parkesburg

The 46th annual Chester County Agriculture and Home Economics Extension Service dinner-meeting has been scheduled for the Upper-Octorara Presbyterian Church, beginning at 10 a.m. Feb. 3rd.

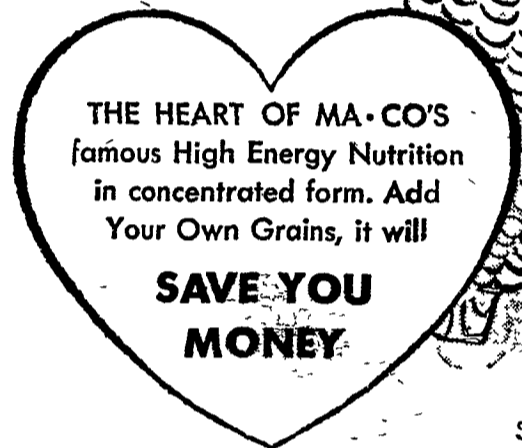
Robert A. Powers, Chester County agent, and June Wilke, home economist, have announced the meeting will include the morning business meeting, a ham dinner at noon and an afternoon program of: Reports on National 4-H Club Congress, demonstration; Discussion of new materials for farm construction and closing remarks by Ralph C. asst. - director of the Extension Service.

Harold H. Ireson, will preside over the evening business session. Reports will be by Lou Mullan, Pocopson, county association secretary, C. Worthington, West Chester, treasurer; Frank E. asst. agent, and Mrs. W. Davis, Jr., Dillwyn.

LONG ON CORN?

Cash In On New Super

MA·CO
POULTRY
BLENDS



● We carry all **BULL BRAND** Dairy Ration

S. O. TRUPE IRA B. LANDIS
 East Earl, R. D. 1 779 Valley Rd., Lancaster
 M. S. GRAYBILL & SON B. G. MELLINGER & S
 Bareville Willow Street, R. D. 1
 Pioneer Manufacturers of High Efficiency Poultry Ration

PUBLIC SALE

Farming Implements and Livestock

Saturday, Feb. 7th, 1959

Located 1 mile west of Brickerville on Route 322, Zabeth Township, Lancaster Co., Pa.

16 MILK COWS
2 Young HEIFERS

Holstein and Jersey (some fresh and close sprung). This is a good producing herd with good size with charts. Bangs and T. B. Tested within the last 30 days.

EIGHT SUCKLING PIGS
1948 B JOHN DEERE TRACTOR
 with roll-o-matic power-troll
1947 FARMALL H TRACTOR
 with cultivators, 2 row tobacco hoers, McCormick m loader.

1937 JOHN DEERE A TRACTOR
 7 ft. John Deere #4 trailer grass mower, 4-sec. sprung row (like new), New Idea manure spreader, two 12 ft. Genius trailer plow, John Deere disc harrow, 7 packer David Bradley rubber tire wagon, 16' bed, Idea side rake, Ontario 13' hoe grain drill, Judson drill on rubber, John Deere corn planter with fert attachment, spike harrow, P.T.O. grass seeder, Key field sprayer with power take-off pump, 50' hose with (high pressure), 1940 INTERNATIONAL PANEL TR 180 Amp electric welder like new, 2 air compressors, 50-gal. steel water tank on wagon, 2 tobacco wagons, ladders (18' & 20'), one 22' double tobacco ladders, tobacco lath, lot of outside tobacco scaffolding, tobacco press, tobacco shears, corn shellers, 6 shelters, rubber tire wheelbarrow, ensilage cart, equipment, Farm Master Sursingle two-unit Farm Master hot water heater, 6 can international cooler, vacuum can hoist, wash tubs, milk-cans, but strainers, chicken nests, feeders, fountains, forks, sh Reo 21" Trim Lawn mower, copper kettle, some house contents, and other articles too numerous to mention.

Sale to begin at 12:00 o'clock Noon when terms conditions will be made known by:

Ralph B. We
 Rufus Geib & Omar Landis, Auctioneers.
 Hess & Faus, Clerks
 Refreshments by the Farm Women Society. No