

# Animal Disease Summary

One down, one on the ropes, and one about to be tackled—that sums up the animal disease situation for the U.S. Department of Agriculture (USDA) at the beginning of 1975.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS)—the agency responsible for controlling and eradicating animal diseases—said that 1974 marked the successful conclusion of a \$55 million fight to wipe out exotic Newcastle disease in southern California. The close-down of surveillance activities there on July 3 signalled an end to the

nation's largest animal disease eradication campaign in more than 40 years.

Exotic Newcastle disease, a foreign virus affecting poultry and other birds, slipped into this country in November 1971, in a shipment of infected pet birds imported into southern California. Though not a hazard to consumers, exotic Newcastle is fatal to poultry and therefore could have drastically reduced poultry and egg supplies—boosting prices accordingly—had it been allowed to spread through the nation's laying and broiler flocks.

To combat this threat, Secretary of Agriculture Earl L. Butz declared a national animal disease emergency in March 1972—thus freeing manpower and federal funds for an all-out eradication campaign. Before the last infected flock was found on June 28, 1973,

nearly 12 million poultry died or were destroyed to stop exotic Newcastle.

APHIS officials pointed out that the disease currently "on the ropes" is hog cholera—a malady that annually struck an estimated 5,000 to 6,000 swine herds and cost hog farmers some \$50 million before a cooperative state-federal campaign was launched in late 1962 to eradicate the disease. Last year, only one infected herd was found in the continental United States—in Mississippi in February—plus three in Puerto Rico in May, compared with 16 throughout the country in 1973 and 205 in 1972.

"All 50 states, Puerto and the U.S. Virgin Islands are now designated as 'hog cholera free'" said Dr. John M. Hejl, deputy administrator of APHIS' Veterinary Services. "However, we can't consider this disease officially eradicated until at least 18 months have passed from the time of the last outbreak.

"We must continue to remain alert for both of these diseases," Dr. Hejl stressed. "At the same time, we can turn our attention to the disease that now has number 1 priority—brucellosis."

Although 99 percent of the nation's cattle have been freed of this costly disease, the rate of infection has been rising during the last 2 years—partly because of the attention devoted to the emergency exotic Newcastle and hog cholera situations. The bulk of the brucellosis infection is concentrated in 11 southern and southeastern states where 89 percent of all the known infected cattle herds exist.

"During the past year," Dr. Hejl pointed out, "we got the commitment of the livestock industry to move forward to eradicate this disease. We have also identified areas where the eradication program needs to be strengthened—particularly in those 11 problem states.

"With our current level of funding," he continued, "we can maintain the eradication effort at an adequate level during the first six months of 1975 and, hopefully, intensify our efforts during the last six months."

In other APHIS animal health programs, nearly 7,300 cases of screwworms were reported during 1974, compared with 15,000 in 1973. Work continued on construction of a new sterile screwworm fly factory in Tuxtla Gutierrez in southern Mexico, as part of a joint U.S.-Mexico screwworm eradication program.

This program is designed to push a screwworm barrier zone south from the 2,000-mile long U.S.-Mexico border to the 135-mile-wide Isthmus of Tehuantepec in southern Mexico. Completion of this eradication program should prevent future seasonal invasions of screwworms into the United States.

As a part of APHIS continuing effort to keep foot-and-mouth disease (FMD) out of the United States, agreements were signed during 1974 with Panama and Colombia. Under these agreements, all three countries are cooperating to prevent FMD from crossing the Darien Gap—an area of dense jungle and rain forest which acts as a natural barrier to the introduction of this costly disease from infected countries of South America. APHIS veterinarians are

now on the scene in Panama and Colombia to help increase surveillance activities and establish "buffer" zones essentially free of livestock on both sides of the Panama-Colombia border. When these buffer zones are completed, it will permit construction of the last segment of the Pan-American highway across the Darien Gap.

In other APHIS veterinary services programs during 1974, horse owners and trainers paid over \$18,000 in civil and criminal penalties for violating the Horse Protection Act, which outlaws the cruel and inhumane practice of "soring" Tennessee Walking Horses to enhance their gait in the show ring. APHIS officials reported that use of the thermovision machine—a heat-sensitive scanner that reveals irritated and inflamed flesh—was a prime factor in detecting sore horses. The thermovision machine uses infrared electronic signals to record temperature readings on a screen, with the results shown as color patterns that can be photographed and used as evidence in legal proceedings.

Under the Animal Welfare Act, APHIS has licensed or registered about 5,000 animal dealers, 1,200 exhibitors and 1,000 research facilities using animals in research.

In September 1974, a special task force of APHIS veterinarians and livestock inspectors, in cooperation with state animal health workers, moved in to control an outbreak of bovine tuberculosis in Georgia. Because of numerous sales from the original infected herd, between 700 and 800 potentially infected herds in Georgia and surrounding states have to be treated for TB. To date, 12 additional infected herds have been located. In the preceding 12 months, about 30 infected

herds were found in the entire United States.

Continued surveillance and testing of veterinary biologics kept nearly 150 million doses of unsatisfactory products off the market during 1974. APHIS enforces the Virus-Serum-Toxin Act of 1913, designed to ensure that animal vaccines and other veterinary biologics are safe, pure, potent and effective. In this area, APHIS officials also took action in mid-year to speed up the distribution of anthrax vaccine to livestock producers in central Texas, to help state officials contain an outbreak of that disease.

Efforts to eliminate cattle scabies outbreaks in southwestern and midwestern states continued during 1974. A total of 39 infected herds in six states were located and treated to eliminate scabies mites. In 1973, cattle scabies was found in 48 herds in ten states.

A program to eradicate an outbreak of cattle fever ticks discovered around Alice, Tex., in August, 1972 also continued. During the year, quarantines were removed from four Texas counties and extended in two others.

## NOTICE AUCTIONEERS!

We print sale bills. Call 394-3047 for price.

## LARGE FARM FOR SALE

858 ACRES - 658 TILLABLE

Located in North Western Penna Fertile level land 658 acres tillable 200 acres good Oak pine and Locust woodland, 13 acre lake, 2 farm ponds and never failing stream, 3 houses, 2 barns \$450 00 per acre Possession can be had with 10 percent down payment Can be financed over a 10-year period at 7 percent interest

**PAUL E. SANGER, LEBANON, PA**

935 East Maple Street  
717-272-1025 or 933-8187

## PUBLIC AUCTION

OF DAIRY HERD, FARM MACHINERY  
THURS., FEBRUARY 13  
10:30 a.m.



LOCATION. Go north on Rt 72 from Manheim to Mt Hope Mobile Homes Turn left onto Cider Press Rd., then left on Colebrook Rd to farm in the town of Mastersonville Watch for Sale Arrows

### 80 HEAD HOLSTEINS

This high grade herd consists of 41 mature cows, and is a relatively young herd, showing good size and dairy type. 4 cows fresh by sale date; 2 due Feb The majority of this milking herd are milking heavy and due July, August, and Sept. This is a good opportunity to buy top milkers due the right time. Also to be sold are 22 bred heifers all due July, Aug., and Sept.; one of which is a registered Astronaut daughter plus 18 open heifers from calves to yearlings. All cows & bred heifers will be checked for pregnancy. Herd is on Owner Sampler & individual cow records will be given

Mueller 650 gal. vacuum milk tank with 4 hp. compressor. 4 DeLaval milkers; No. 75 DeLaval vacuum pump with 2 hp. motor. Jamesway Barn Cleaner; Mueller tank washer; Bender dumping station; 52 gal hot water heater; tubs; milker rack.

Dairy Sale Approximately 12:30 Under Tent.

15 Ton Ear Corn 7 Ton Straw

### MACHINERY

N.H. 469 haybine; Grove chuck wagon with roof; Kool blower; J.D. KBA 28 transport disc; 2 - 18' hay wagons with 8' sides; J.D. 246 4-row cornplanter 3-pt.; Hawkbilt manure spreader; 200 gal. P.K. sprayer on trailer, like new; M.F. No. 61 1-row mounted corn picker; J.D. 4-bottom 14" plow 3-pt.; 38' Little Giant elevator; M.F. front & rear cultivators; N.H. 717 Narrow 2-row harvester & grass head; J.D. grinder-mixer; N.H. 268 baler & Trhower; 2 barn fans 30" x 36" with thermostats; mineral feeder; liquid protein feeder; Calf stalls; fence & posts; feed cart, and many other small items not mentioned.

SALE ORDER: Some small items; farm machinery; milking equip.; dairy herd.

Terms by:

**Alvin & Mary Good**  
(717) 665-6133

Randal V. Kline (717) 626-4975  
Lloyd H. Kreider, Auctioneers  
Clifford Gible - Records

LUNCH AVAILABLE

NOT RESPONSIBLE FOR ACCIDENTS

## PUBLIC SALE FARM MACHINERY

AND

### HOLSTEIN DAIRY CATTLE

1/2 mile Northeast of Strasburg, along Fairview Road from Strasburg to Paradise.

**FRI. FEB. 28, 1975**

11:30 A.M.

37 Head of High Grade Holstein Dairy Cattle  
17 milk cows, 5 due Feb. & Mar., bal throughout year.  
4 bred heifers  
9 breeding age  
3 8-month old heifers  
3 6-month old heifers  
2 heifer calves  
All ABS Breeding, 30 day test with charts sale day.  
A young herd with good udders Sale held in tent.  
Deutz 6006 diesel tractor with 1150 hrs  
Minneapolis Mohnc 4 Star tractor (both have good rubber)

Fox Industrial 546 forage harvester with 1 row corn head & hay pickup, AC hopper blower, AC forage wagon (like new), MM 3 bottom 16 in trip bottom plow 9 foot spring harrow, cultipacker

### 20 x 60 HARVESTORE (4 YR.)

International 990 mower conditioner 9 ft Farm-hand wheel rake 18 ft bale wagon with false front 30 ft Smoker bale elevator, Walsh crop sprayer 200 gal fiberglass tank John Deere flail chopper, 1 HC 2 row cornplanter 3 pt. flat bed wagon, Billion shure stand seeder 3 pt. Dart flail manure spreader 12 ft grain auger

Not many small items

300 gal Mojommer vacuum tank with 3 hp Lehigh compressor Surge Model D vacuum pump 1 50 lb Surge milker 3 45 lb Surge milkers, SS strainer, buckets & double wash tubs 2 feed carts Sunbeam cow clippers milk scales

Terms by,  
**A. STANLEY GROFF**  
717-687-7982

J. Everett Kreider  
Carl Diller, Auctioneers

## PUNCH LINE OF THE WEEK



UNCLE SAM  
COULD SPEED  
MAIL SERVICE  
BY SENDING  
POSTAL  
EMPLOYEES  
THEIR CHECKS  
BY MAIL.

## SALE EVERY TUESDAY

Graded Sale  
1st Tuesday each month  
2 P.M.  
Horse Auction  
2nd Saturday each month  
1 P.M.

**FAUQUIER LIVESTOCK EXCHANGE**

Marshall, Va.  
703-364-4861



**TENNESSEE MULES**

**FOR SALE**

**OMAR S. STOLTZFUS**  
2442 Creek Hill Road  
Lancaster, PA

## DAY HORSE SALE WEDNESDAY, FEB. 5



**PAUL Z. MARTIN'S**  
2 Miles East of Intercourse, Pa.,  
Along Route 340.

2 Load of WORK HORSES and MULES and 10 SADDLE and DRIVING HORSES from Kentucky STANDARDBRED HORSES from New York State

LOCAL HORSES  
Horses Hitched at 9 30 a.m. Tack 11 a.m.  
Horses at 12 30 p.m.

**PAUL Z. MARTIN**  
BLUE BALL, PENNA. 17506  
Residence - 717-354-6671  
Business - 717-768-8108

**MARTIN AUCTIONEERS**  
Hay, Straw & Corn Sale Every  
Wednesday at 12 noon