

Indemnity Pay on Paratuberculosis Made Retroactive

Dr. William I. Henning, State Secretary of Agriculture, advises that dairy and beef cattle farmers of Pennsylvania will be paid indemnities on cattle found to be afflicted with Johne's disease or paratuberculosis.

An official proclamation made payment retroactive to August 10. Federal officials in charge of U. S. Department of Agriculture livestock disease control work in Pennsylvania said Federal indemnities also would be paid on cattle destroyed on account of Johne's disease.

Maximum Payments Listed

State and Federal indemnities will be the same as for tuberculin and brucellosis cattle, a maximum of \$3.50 per head for grade cattle and \$50 per head for purebred cattle. Federal payments are a maximum of \$25 per head for grades and \$50 per head for purebreds.

Johne's disease is a form of tuberculosis and in October 1948 was proclaimed "an infectious disease of a transmissible character."

Relatively few cases were reported in the State until 1952 when nine animals were found to have the disease, Dr. Henning said. The next year there were 11 reactors and last year the total was 13.

Written Authority Needed

"The State has paid indemnities for many years on animals condemned on account of tuberculosis and brucellosis through a program of control and eradication," Secretary Henning explained.

He said Johne's disease, if allowed to go unchecked, could become a major disease of cattle in the Commonwealth and seriously affect the dairy and beef cattle industries.

Indemnities will be paid only after written authority to conduct a Johne test has been obtained by an accredited veterinarian from the Pennsylvania or United States Departments of Agriculture and the animals given a positive reaction to the test.

Salisbury Township Road To Be Rebuilt

The Salisbury Township road supervisors at their monthly meeting Saturday at the White Horse Hotel made final plans to complete the rebuilding of about one fourth mile of road, southeast of Kinzers, leading to the Gap-Strasburg Road.

Bills amounting to \$4,338.69, were authorized to be paid. Clyde McKilhips presided.

Potato Can Equal Corn Silage as Feed for Cattle

The potato diversion program may help dairymen solve a feed problem, particularly in areas where roughage is short from drought conditions and in the major potato growing counties, points out Lancaster County Agent M. M. Smith. Potatoes have a total digestible nutrient content about equal to that of corn silage and one-third that of good quality hay.

Since potatoes are relatively low in dry matter and protein, and lacking in vitamins A and D, some good quality legume hay or grass silage needs to be fed with them. If a heavy allowance of potatoes is fed, include in the concentrate mixture a slightly higher content of crude protein.

15 to 25 Lbs Daily Limit

Limit the amounts of potatoes fed to dairy cows to 15-25 lbs daily, depending upon the size of the animal. Smith cautions not to feed unripe, decayed or frozen potatoes (they contain solanine which may be toxic), nor sprouted potatoes unless they are introduced into the ration gradually to avoid digestive disturbances. If scouring occurs reduce the quantity of potatoes and later gradually build it up again. Since all potatoes used for feed must be chopped or sliced under terms of the diversion program, any danger of choking will



FOR SHORT ORDERS—Mrs. Myrle Günsallus, of Fort Scott, Kan., puts this miniature of an old-fashioned range to good use. Its electrically heated oven is just the thing for making breakfast toast, and two-element top can be used for at-the-table cooking.

be minimized. Chopping of slicing potatoes increases their palatability.

Per 100 pounds potatoes are worth 22 per cent the price of grain mixture, on a T.D.N. basis. Potatoes are a neconomical buy at 50 cents per hundred pounds when good quality hay is selling for \$30 per ton.

Potato silage may be made by running a combination of 80 per cent potatoes and 20 per cent hay or dry corn fodder through the silage cutter. The addition of 40 pounds of ground grain per ton may improve the silage. This about equals good quality corn or grass silage. Limit the feeding of potato silage to 40 pounds daily per 1,000 pounds of body weight. Potato silage is similar to grass silage in pressure on silo walls and seepage.

Marine Air Corps has a deadly bird under its wing. Named the "Sparrow," the all weather, air-to-air guided missile features an electronic "brain" which tracks the target after being launched from a fighter plane.

Ervin DeLong Gets Eastern Award For Poultry Flock Production

Ervin DeLong, Quarryville RD1, will receive a Champion Egg Producer Award in addition to a Master-Egg Producer Award for a poultry flock having one of the highest production records in the Eastern states, Victor L. Koenig, Executive Secretary of the Hy-Line Poultry Management Association announced today.

The Master Egg Producer trophy was announced during the 1953-54 season as an incentive to poultrymen to join the Hy-Line Management Record Program. The trophy is awarded to participating farmers whose flocks make a record of 225 or more eggs per hen housed in a 12 months period.

But in a single-season the average production of the Poultrymen participating rose to 227 eggs per hen housed. It was felt a higher incentive was needed and so a Champion Egg Producer trophy is now being awarded those who reach a figure of 250 or better.

DeLong's flock reached a score of 2513 eggs per hen housed in the 1954-55 season. DeLong's hens averaged about eight dozen eggs higher than the average for all laying flocks in the United States.

Members of the association keep daily records on the performance of their flocks and send these records once each month

DHIA Tests Area Herds

A registered Holstein owned by John C. Metzler, Christiana R1, completed the highest 305-day lactation completed in September by the Red Rose Dairy Herd Improvement Association.

Winding Glen Dunwood Miriam produced 732.6 pounds of butterfat and 19,406 pounds of milk to lead the field.

High herd for the month was the Guernsey herd of Raymond F. Witmer, Willow Street RD1, which averaged 856 pounds of 773.3 pounds of butterfat and 13,591 pounds of milk.

A grade Holstein, Number 25, from the herd of Martin Weber East Earl R1, led in individual butterfat production with 1018 pounds yielded in 1,590 pounds of milk testing 6.4 per cent.

Second was Bonnie Lea Fern, a registered Guernsey from the herd of Donald E. Weicksel, Christiana R1, with a record of milk and 44 pounds of butterfat.

Ticklers

By George



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