

Vaccination Is Urged for Swine by University

Hog Cholera Losses Move in Cycle Investigation Conducted by State Shows.

By L. VAN ES

If one inspects the chart representing the occurrence of hog cholera losses among the swine in this country, the tendency of the disease to assert itself in a tidal fashion will not escape attention. During the series of years the losses will increase from year to year and then after a certain maximum had been reached there will be a gradual decline until the losses are reduced to somewhere near the previous minimum loss at no time approached the zero line and thus there always remained enough of the disease from which an ascending loss curve can again develop.

It seems opportune to call attention to the fact that some four or five years ago the disease reached one of its low levels and that there are indications now that since that time it has become progressively more prevalent. During the spring of this year a more than usual number of pigs affected with hog cholera were received for examination by the Department of Animal Pathology and Hygiene, while the serum sales by the state serum plant have also steadily increased during the same period.

It is, of course, impossible to make any definite forecast regarding the occurrence of hog cholera during the summer and autumn of 1922, but the indications mentioned are apparently sufficient to give serious consideration by the swine growers of the state. To this evidence must also be added the nature of the seasonal behavior of the disease. Hog cholera outbreaks always increase in number from early summer to late autumn unless checked by vaccination or unless stopped for want of more hogs to take the disease, which even at this time occasionally happens in swine-growing communities where the farmers had not prepared for such an emergency.

We feel that the hog cholera situation as it presents itself today fully justifies the recommendation of preparing against losses by a more extensive use of serum and virus at this time. In a very large portion of Nebraska hog raising without vaccination means assumption of a loss risk which but a few can afford to carry at present serum prices and especially this early in the season when the average size shoats can be immunized with a much smaller serum dose than later on.

The use of serum is responsible every year for the saving of thousands of swine, yet it is quite probable that at no time more than 25 per cent of the Nebraska pig crop was vaccinated. The remaining estimated 75 per cent unvaccinated swine sustain the cholera losses and keep the infection alive. It seems wise to reduce this number by vaccination rather than by deaths as a mere matter of economy. We advise prompt vaccination, especially in the heavy hog-producing sections of the state.

Saline County Halts Work of Farm Agent

Friend—The Saline county farm bureau has decided to discontinue the extension work of the county agent during the remainder of the year 1922. Last spring the county board of commissioners refused to make an appropriation for the support of the farm bureau office in this county, and the members of the organization have met the expense during the first seven months of this year. The county agent, J. G. Millers, has made the following report: Days in the field, 367; days in the office, 201; miles traveled by rail, 208; miles traveled by automobile, 4,253; letter written, 1,059; letters received, 1,321; general meetings, 44; attendance, 748; farm bureau tours, 1; farmers' union meetings, 1; attendance, 160; circular letters mailed, 1,972; bulletins distributed, 1,024; laborers placed, 30; office callers, 178; office phone calls, 576; publicity articles written, 80; farm bureau board meetings, 7; attendance, 40; specialists from state agricultural college in county, 20; boys and girls' clubs in county, 11, with 108 members.

Three County Tours Are Planned in Scottsbluff

Scottsbluff—Three tours through Scottsbluff county will be made by farmers this year for the purpose of studying the methods of the most successful farmers in the valley. The third annual potato tour will go through the county August 16, and two days later will be held the first annual Jersey cattle tour, under the auspices of the American Jersey Cattle club.

On September 6 the first annual sugar beet tour will be held.

Culls

A pig cull box is also for both business-like and snags; "the" as a word, not a slogan; "This site makes him happy."

A large potato stock full of white chicken feathers, fastened to the end of a pole and hung in a fruit tree makes a most effective scarecrow, suggests an Iowa farm wife.

Nothing great was ever accomplished without enthusiasm—Emerson.

Freds can be mixed in lots of several hundred pounds by shoveling back and forth on a tight floor.

Upon the permanence of American agriculture depends the permanence of America. Don't wear out the soil which has been trusted to your care.

"More milk for all, both poor and wealthy, for it's the stuff that makes men healthy" would be a motto that would make all health care pathways soon forsake.

Buy what you feed and use, what you use.

The Farmer's Wife

BY MARY ANN GRAY.

The acid juice of green apples, crab apples or other unripe fruit may be used occasionally as a substitute for lemon juice in cooking when the latter is not available.

The following list of self-trimmed garments for making garments more attractive is suggested: Pippings, folds, bindings, cordings, shirtings, tuckings, pleatings, pockets, bound buttonholes, buttons, ruffles, reversed hems.

Beet Relish

1 qt. raw cabbage chopped fine, 1 qt. boiled beets chopped fine, 1 1/2 c. vinegar, 1 t. salt, 1 t. black pepper, 1/2 t. grated horseradish. Cover with cold vinegar and seal.

Folded stockings or newspapers covered with denim, gingham or ticking make good iron holders.

It's hard to keep the pages of the cookbook from becoming soiled. One housewife solved the problem by laying a piece of glass just the right size over the pages.

Livestock Men Make Farm Tour

Richardson County Breeders Inspect Herds and Hear Expert Talks.

Humboldt—The Richardson County Livestock association held its annual tour of inspection in the western part of the county, assembling at the farm of Thomas Coupe at Dawson, then to George Wiltz's, Henry Layson's, Guy Powell's, finishing the half day at the farm of Chris Lionberger where a basket dinner was served to about 50 people.

County Agent James Worrell was in charge of the trip. At the Lionberger farm, M. B. Posen of the state farm gave an exhibition of the manner of judging purebred Poland China hogs. This was for the benefit of the representatives of the Boys' Pig clubs.

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In the afternoon stops were made at Albert Rist's, whose principal showing was purebred Hereford cattle. The mother of his herd, now about seven years old, gives at this time six gallons or 48 pounds of milk per day; she has produced as much as 60 pounds. Red hogs were inspected at Ernest Rist's and a fine dairy equipment at the farm of Gust Herr. His herd consists of high-grade Herefords and Jerseys. His milk house is a model. The final stop was made at the Duroc Jersey farm of John Simon.

Certified Seed List

Prepared by State College
Lincoln—The certified seed list of the Nebraska Crop Growers' association has just been issued by the college of agriculture here. The booklet contains the names of a large number of growers of certified seed, the approximate amount for sale in bushels, the amount of smut found and the degree of purity.

Steal Farmer's Bees

Beatrice, Neb.—Thieves visited the farm home of Nick Klein, near Steinauer, and stole a hive of bees. John Schultz, living in the same vicinity, reports the loss of a fine flock of chickens.

Farmers' Union Notes

J. J. Coburn, president of the Nebraska Farmers' union, attended a meeting of representatives of all the Farmers' union in this organization, known as the United States held in Kansas City. To bring about closer working relations between these bodies was the purpose of the meeting. The houses represented were in Omaha, St. Joseph and Sioux City operated by the Nebraska Farmers' union; the house in Denver operated by the Colorado Farmers' union; the house in Kansas City operated by the Kansas Farmers' union; the Missouri Farmers' association; the house in East St. Louis operated by the Missouri Farmers' association and the Farmers' union of Iowa, Illinois and Minnesota.

An order for goods, accompanied by a bag of gold dust as a remittance, was received last week by the Farmers' Union State Exchange from George E. Tits of Juhl Wade, Alaska. The gold was assayed in a local laboratory and was found to be worth \$12.30, which was sufficient to cover the goods ordered and the postage upon them. Mr. Tits urged haste in sending the goods so that they might arrive at the coast before the closing in of winter. He remarked that the mail service to the interior is poorer now than it was 10 years ago when he first went to Alaska.

Pleas at Teromoh

Teromoh—A crowd of several thousand people attended the Farmers' Union picnic held here. W. C. Larson, Republican of the day, was the speaker of the day. He asserted that agriculture has been neglected in the past 10 years, but that in the last 10 years, he asserted, the farmers of the country as a whole are now in a position to produce at least \$10,000,000,000. He urged organization and cooperation as the only remedy. If farmers would not have suffered so great a depletion of prices in the past 10 years.

Crete Association Grows

Crete—A turnover of \$18,000 in the first seven months of 1922 was shown by the Farmers Union Co-operative association. The plan in the several departments, which handles cream, eggs and poultry, shows net earnings of 15 per cent, which was the greatest of any of the departments. This association operates a general store, an implement department, a produce department, a mill and elevator and stock live stock.

Loss Is Reduced

Assuming a loss from operations of about \$100,000 by the Farmers' Union Co-operative association, the loss in the first six months of 1922 was reduced to about \$50,000. The loss was reduced by the sale of surplus stock, the sale of surplus land, the sale of surplus machinery, and the sale of surplus produce.

Profit at Bennet

Bennet—A profit of \$10,000 on sales of \$1,000,000 was shown by the Farmers' Union Co-operative association in the first six months of 1922. The profit was made by the sale of surplus stock, the sale of surplus land, the sale of surplus machinery, and the sale of surplus produce.

Egg Production Ribbon Winners Are Announced

Entries in Fourth Contest Are Limited to 50—Many Flocks From Other States Are Entered.

Blue ribbon winners in egg production for July, in a contest staged by the University of Nebraska agricultural college go to the following flock owners:

Mrs. A. Arnold, Inavale (2); Harry V. Hill, Lexington (3); Donald O. Douglas, Van Nuys, Cal.; Ohio Poultry farm, Cincinnati, O. (2); Nebraska Experimental Station, North Platte (3); H. M. Wells, Auburn (3); Mrs. A. Thomas, University Place; Martin Rodstrom, Holdrege; E. O. Gill, Lincoln; Ernest Beaver, Beaver, Wyo.; Larue Brown, Davey; Ivar Johnson, Fremont; W. T. Davis, College View (2); George B. Ferris, Grand Rapids, Mich.; John W. Welch, Omaha; C. F. Borden, Geneva; Mrs. O. M. Boettger, Omaha.

The number of eggs laid per hen in the awards mentioned varied from 25 to 28 for the month.

In the high 10 hens class, first award goes to George B. Ferris of Grand Rapids, Mich., whose White Leghorns produced 295 eggs during the month.

Other winners in this class were Ohio Poultry farm; B. J. Johnson, Mead; Mrs. A. Thomas, Harry V. Hill, Mrs. A. Arnold, Reuben O. Vogel, Seward; Nebraska experimental station. At the contest continues, entries are beginning to come in from other states, including Montana, Ohio, Missouri, Colorado and Kansas. The college has found it necessary to limit the number of entries in the fourth contest to 50.

Exhibition Poultry Requirements Shown

At this season of the year the agricultural college of the Nebraska university receives numerous inquiries relative to the selection and preparation of fowls for exhibition purposes and the number of inquiries steadily increases from year to year. The college poultry specialists encourage the breeding for the combination of standard qualities with high egg production.

In the accredited farm flock project the first requirement is that the birds be standard. By this is not meant high-class show birds, but birds that have been bred true enough to standard requirements to reproduce their kind. This is followed up each year by culling to a high standard of perfection combined with a desire for higher egg production. The experts at the state agricultural college declare that such methods will tend to develop these flocks to a point where many individual birds will be fit both to win in the show room and fill egg baskets.

The college has for free distribution circulars which describe the show room requirements of the following strains: Single comb White Leghorns, White Plymouth Rocks, White Wyandottes, Buff Orpingtons, Parred Plymouth Rocks, and single comb Rhode Island Reds. A large number of these circulars have been sent to county agents.

Two-Day Tour Is Planned to Boost Cass County Fair

Weping Water—August 30 and September 1 are the dates set for the Cass county booster trip. It is expected that the tourists will cover the entire county, the east half the first day and the west half on the second day. The purpose of this trip is to work up interest in the Cass county fair to be held September 27, 28 and 29. The plan is to visit pure-bred herds, poultry farms and modern homes in the county.

Jersey Cattle Tour

Scottsbluff—Farmers interested in Jersey cattle will make a tour of Scottsbluff county August 18, visiting the experiment farm and the farms of J. G. Woodman and R. O. Fitzian.

Orleans Creamery Is Growing Rapidly

Orleans, Neb.—Orleans believes that it has the largest co-operative creamery in the world. During

June the output of the plant was 250,000 pounds of butter, an average of a carload every other day. Four years ago it took the creamery a month to make a carload.

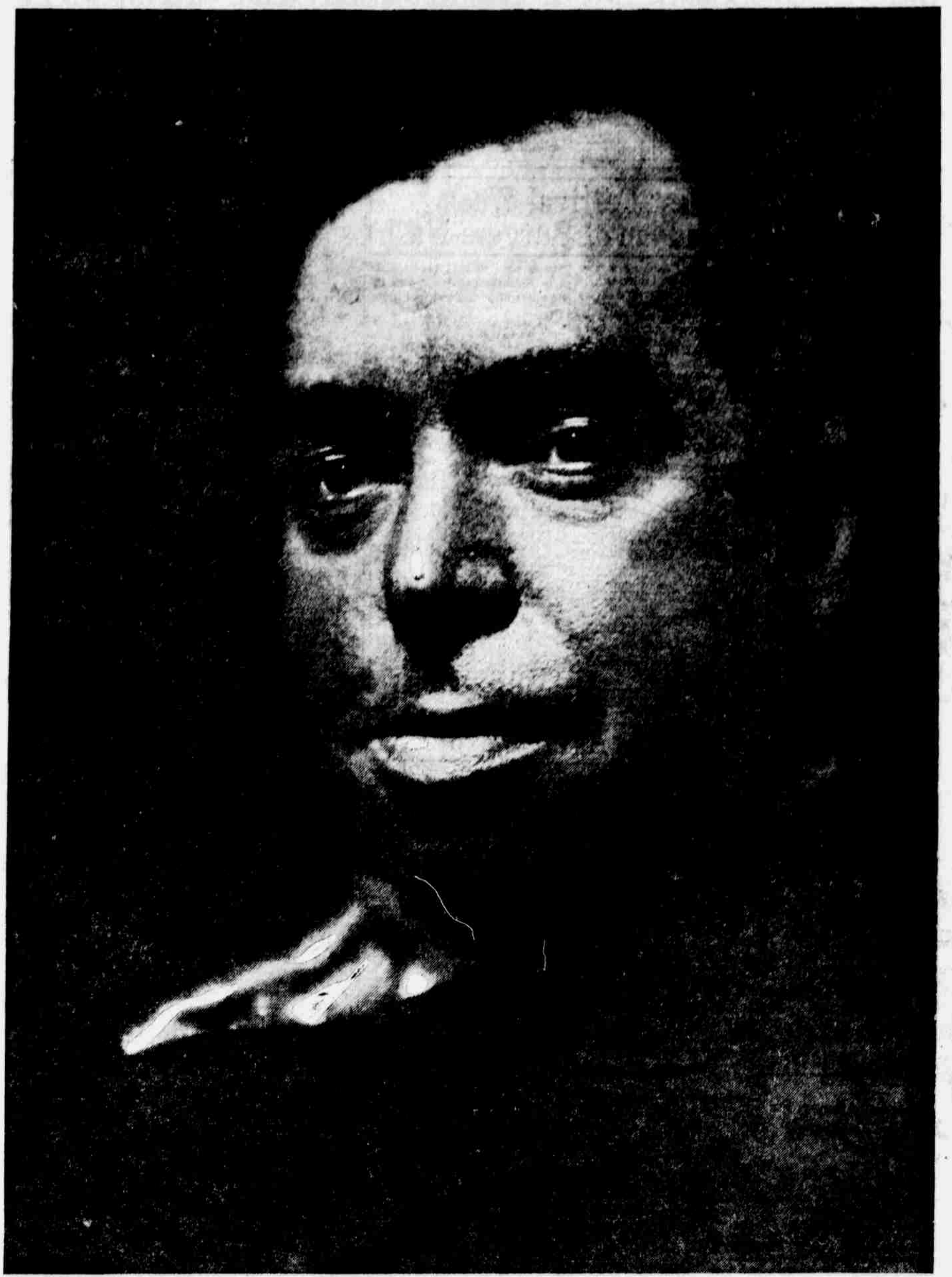
During June, 10,000 10-gallon cans of cream were brought to the plant from various buying stations located in western Nebraska, eastern Colo-

rain and Northern Kansas. More than 5,000 gallons of ice cream were manufactured and sold during this period.

Besides this the Farmers Equity Creamery association operates a large ice plant, which supplies artificial ice to a large district surrounding Orleans.

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