

The Distribution and Use of Hog Cholera Serum

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DEPARTMENT OF ANIMAL PATHOLOGY

An appropriation of \$15,000 was made by the last legislature for the production of hog cholera serum under the direction of the Department of Animal Pathology of the Nebraska Experiment Station. As this bill did not carry an emergency clause, the funds were not available until July 7. In order that the serum produced shall be as uniform as possible, it is necessary to mix the four bleedings from each hog, then mix those from a number of hogs together and thoroly test it before sending out. For these reasons the serum will not be ready for distribution before October 1.

The bill provides that the serum be sold at cost of production. The price will be put at two cents per cubic centimeter, which would make the cost about forty cents per hundred pounds of hog. The dose ordinarily advised for a hundred-pound hog is twenty c. c. (cubic centimeters), and this dose should be increased rather than diminished, especially to valuable pure-bred hogs or to brood sows in a herd. Pigs weighing under a hundred pounds should not receive less than twenty c. c., as their resisting power is less than that of larger hogs.

When cholera is suspected, the nearest qualified veterinarian, if one is available, should be called, a sick pig killed, and a post-mortem examination made to determine if genuine cholera exists. This is important, for, if cholera is not present when serum is given, the hogs will be protected for only three or four weeks, when they will again become susceptible to the disease.

If cholera is present and serum is wanted, use the telephone or telegraph. Do not write a letter requesting serum. The mails are somewhat uncertain and the larger part of the herd may become infected before serum could be received if ordered in this way. When telephoning, if the writer (Dr. J. H. Gain) is not in the office, call for Dr. L. B. Sturdevant or the office clerk. There will always be some one in the office in charge of this work. Always give the number and weight of the well hogs in the herd. If a certain number of doses are ordered it will be assumed that the minimum dose is meant.

This department will endeavor to deliver serum at the express office promptly upon receipt of orders which it can fill, but the delays en route from sending material by express are frequent and sometimes unexplainable. After determining whether serum is available or not, where the distance is not too great it will prevent delay if

the farmer will come to Lincoln in person to secure the serum, rather than depend on the express company.

The serum is put up in bottles containing 125, 250, 500 and 1,000 c. c. At two cents per c. c., these bottles would range in price from \$2.50 up to \$20.00. It will be shipped by express, C. O. D. Upon request, a new ten c. c. capacity syringe, suitable for this work and also for vaccinating cattle against blackleg, will be shipped with the serum, and the cost added to the bill.

Where the services of a qualified veterinarian can be obtained he should be called to give the serum. Where such a man cannot be had the following suggestions are offered:

Have the hogs in a dry place for at least twenty-four hours before giving serum. A wet, muddy hog is not easily handled; besides, there is the increased risk of carrying in some infection on the needle and causing a local abscess. Have at hand a bucket of some disinfectant, such as a five per cent solution of one of the coal tar dips; wash off the inner surface of each thigh and inject the serum deeply into the muscles, dividing the dose equally between the two sides and putting not over twenty c. c. in one place. The serum can also be injected just under the skin of the abdomen instead of into the muscles, but is not so readily absorbed and there is greater liability of an abscess. Some serum

will also leak out when the needle is withdrawn.

Leave the hogs in a dry place for two days after receiving serum.

Do not give a sick hog serum. Give only to those apparently well and leave these for a time in the infected yards. A hog must be exposed to cholera at the time of receiving serum, or within a few days, in order to acquire a lasting immunity. Some of the hogs that are apparently well may have had the germs of cholera in the system for four or five days. These will probably die.

The new serum plant will not be ready for use before January 1, 1912. With the old plant it will not be possible to supply all of the requests for serum for the next few months.

Confidence

We Back up Our Statements with Our Personal Reputation and Money

We are so positive that we can relieve constipation, no matter how chronic it may be, that we offer to furnish the medicine free of all cost if we fail.

We think that it is worse than useless to attempt to cure constipation with cathartic drugs. Cathartics may do much harm. They may cause a reaction, irritate and weaken the bowels, and make constipation more chronic.

Constipation is often accompanied and may be caused by weakness of the nerves and muscles of the large intestine or colon. To expect a cure you must therefore tone up and strengthen those parts and restore them to health-ier activity.

The discovery of the active principle of our remedy involved the labor of skillful research chemists. This remedy produces results such as are expected from the best of the best known intestinal tonics, and it is particularly prompt in its results.

We want you to try Rexall Orderlies on our guarantee. They are exceedingly pleasant to take and are ideal for children. They apparently act directly on the nerves and muscles of the bowels, having, it would seem, a neutral action on other organs or glands. They do not purge or cause inconvenience. If they do not positively cure chronic or habitual constipation and thus relieve the myriads of associate or dependent chronic ailments, your money will be refunded. Try Rexall Orderlies at our risk. Three sizes of packages, 10c, 25c and 50c. Remember, you can obtain Rex all Remedies in this community only at our store—the Rexall Store, The H. E. Grice Drug Co.

Queer Hotel Custom.

Hotel customs throughout the world are varied. A hotel in France is on wheels and turns so that any room can be given sunlight. Regulations governing the length of bed sheets have been made in certain states. Probably the most unique custom prevails in Tempe, a town in the Salt River valley, Arizona. Here the proprietor refunds the hotel charges to all his patrons on any day the sun does not shine. At first this seems benevolent, but looking into the matter we find that he has been called upon to remit to his guests only once in the last five years. Guaranteeing sunshine is an original feature.

Used to Light Work.

A weather-beaten woman somewhat over six feet in height and with a pair of shoulders proportionately broad, appeared at a back door in Wyoming and asked for light house-work. She said that her name was Lizzie and explained that she had been ill with typhoid fever and was convalescing.

"Where did you come from, Lizzie?" the woman of the house inquired. "Where have you been?" "I've been workin' out on Howell's ranch," replied Lizzie, "diggin' post holes while I was gittin' my strength back."—Lippincott's Magazine.

Foley's Kidney Remedy vs. a Hopeless Case

Hon. Ark. J. E. Freeman says: "I had a severe case of kidney trouble and could not work and my case seemed hopeless. One large bottle of Foley's Kidney Remedy cured me and I have never been bothered since. I always recommend it." Sold at Dr. Cook's drug store.

A Medicine that gives Confidence

Is Foley's Honey and Tar Compound Mrs. T. J. Adams, 522 No. Kansas Ave., Columbus, Kas., writes: "For a number of years my children have been subject to coughs and colds. I used Foley's Honey and Tar Compound and found that it cured their coughs and colds, so I keep it in the house all the time." Refuse substitutes. Sold at Dr. Cook's drug store.

ANNUAL REPORT OF THE CONDITION OF THE H. E. GRICE DRUG CO.

(Incorporated)
October 1st, 1911.

ASSETS	
Stock & Fixtures on hand	\$ 819.11
Bills & Accounts Receivable	1680.17
Cash on Hand	641.07
	\$ 10460.85
LIABILITIES	
Capital Stock	\$ 7700.00
Bills Payable	585.29
Surplus Fund	2185.56
	\$ 10460.85

H. E. GRICE, President. E. L. GRICES, Secretary.

The Turner Sale on the Geo. W. Lindsey farm, Tuesday, afternoon, Oct. 31st. Hogs, Horses, Cattle & Implements

Notice to Creditors.

State of Nebraska, In the County Court, Webster County. In the matter of the estate of Ferdinand H. Gerlach, Deceased. Notice is hereby given to all persons having claims and demands against Ferdinand H. Gerlach, late of Webster county, deceased, that the time fixed for filing claims against said estate is six months from the 25th day of October 1911.

All such persons are required to present their claims, with the vouchers, to the County Judge of said county, at his office therein, on or before the 25th day of April 1912; and all claims so filed will be heard before the said judge on the 27th day of April 1912, at one o'clock p. m.; and that the Executors are allowed one year from the 4th day of October 1911, in which to pay the debts allowed against said estate and settle the same.

(SEAL) I. W. EDSON, County Judge.

See this Office for Sale Bills

REDUCTION SALE

OF

Wagons - Buggies - Farm

Implements and Machinery

October 9 to 28th '11

Mr. Farmer if you need a new wagon, buggy or any other kind of farm tool or implement, call on us during this sale and buy at a bargain, as during the next twenty days we are going to offer a large stock of wagons, buggies, farm implements, etc., at less than cost. The list includes the following:

Hay Stackers, I. N. C.	\$ 40 00	1 Parry Surrey	\$112 00
4-Wheel Sweeps	25 00	1 P. and O. Surrey	100 00
3-Wheel Sweeps	22 00	Sulky Plows	25 00
Clover Leaf Spreaders	92 50	Gang Plows	42 50
Litchfield Spreaders	92 50	Pioneer Imp. Co.'s Buggies,	
Bettendorf Wagons, complete	54 00	including the Anchor Line,	
Burg Wagons, complete	65 00	at \$57.50 to	77 50

Also numerous other articles at similar values. This stock will be disposed of for cash only, but at the prices, the reduction will pay interest for two years and more.

20 . DAYS ONLY . 20

Red Cloud Hdw. & Imp. Co.

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Atkins & Barber

Furniture, Rugs, Carpets,
: window Shades, and :

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A Complete Line of Staple and Fancy Groceries, also the Latest Patterns in

Queensware

We are also making a Specialty of the Celebrated

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