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**CONKEY** makes a remedy for every chicken disease. We sell these remedies. If you have sickness among your flocks some of these remedies will surely save you some chicks.

**BUCKWHEAT** wanted.

## O. C. SHEPARD CO.

23 Public Square East Smith Road  
MEDINA, OHIO

# FARM STOCK

## TREATING HOGS FOR CHOLERA

Losses Are Inevitable Unless Early Action Is Taken and Proper Remedies Applied.

(Prepared by the United States Department of Agriculture.)

Unless early action is taken to diagnose the cases and apply proper treatment when disease appears in your swine herds, losses are inevitable. The chances are many that the trouble is cholera, and under such circumstances delay is dangerous, for when that disease has spread and progressed in the herd the loss of many hogs may be expected.

Early attention in an outbreak of hog cholera is essential for the successful treatment of the herd. It has been told repeatedly that anti-hog-cholera serum is not a cure; its use is primarily intended as a preventive agent against cholera, and as such it is universally recognized as the only reliable treatment. While the serum seemingly has had some favorable effect when administered to sick hogs in the very early stage of the disease, swine owners should not depend upon the product to save any number of animals after they have developed visible symptoms of hog cholera.

In Farmers' Bulletin 834 (revised) attention is called to the fact that the serum is most efficacious when administered as a preventive. "While the serum is regarded as most efficacious when administered as a preventive," the bulletin points out, "it seems to have some curative value, provided it is administered when hogs are in the very early stages of the disease. But very little benefit can be expected from the treatment of hogs that are visibly sick."

"Serum should be used with the understanding that it is a preventive rather than a curative agent." "It has been stated that serum alone has some value in treating sick hogs. This is true within a certain limitation. Ordinarily it is efficacious only in the very early stage of the disease, before the hogs show visible signs of sickness."

In a bulletin issued recently by Dr. R. C. Reed, chief of animal industry,

# DAIRY

## TO GROW SUFFICIENT SILAGE

Experts Assert It Is Better to Carefully Figure on Silo to Fit Herd of Cows.

(Prepared by the United States Department of Agriculture.)

The planting season is the time when the dairy farmer should arrange to see that he has crops enough to fill his silo. As a case in point, a Mississippi farmer failed to take this matter into consideration when he bought a silo of 60 tons' capacity, for he found that he had corn and sorghum for only 20 tons of silage; and since, moreover, he had only 8 cows, he decided he had made a mistake, and tried to sell his new silo instead of setting it up. A field man from the dairy division of the United States Department of Agriculture however, persuaded him to keep it until the next year, and to put up a small stave silo for immediate use. He did so, and found it such a help in feeding his cows cheaply that he bought more land and resolved to enlarge his herd to 50 cows, and thus make good use of his larger silo.

Both the height and the diameter of the silo must be considered. The proper diameter of the silo depends upon the quantity of silage to be fed daily; and this quantity will vary with the size of the herd. The silage should be fed out fast enough to remove it from the top of the silo at the rate of 1 1/2 to 3 inches a day, depending upon climatic conditions. The warmer the weather the more silage must be removed from the surface daily in order to prevent spoiling. For the winter feeding season it is safer to figure upon removing 2 inches daily than any smaller amount.

A common error in building is to make the diameter too large for the size of the herd. The weight of a cubic foot of silage varies according to the pressure to which it is subjected, but in a silo 30 feet high the weight per cubic foot averages about 40 pounds. So, by knowing the quantity of silage to be fed daily, it is possible to estimate what the diameter of the silo should be to permit the removal of a certain number of inches each day. The table below shows the proper diameter of the silo, on a basis of 40 pounds of silage per cubic foot,

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## NOTICE TO AUTOMOBILE OWNERS

BEGINNING JULY 15th 1921, our Service Department will do work on BUICK and REO Cars ONLY. We make this announcement with a great deal of reluctance and only after very careful consideration, as we have many good friends driving other makes of cars for whom we have been doing repair work; but in view of present conditions which make it impossible for our Service Department to be self sustaining, we feel that our first duty is to owners of Buick and Reo cars. To Buick and Reo owners we can assure better and more prompt service and to others we can only hope that some day we can include them among our customers.

# THE MEDINA PREDMORE HENRY COMPANY

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## CULLING CAMPAIGN IN COUNTY THIS SUMMER

The poultry judging school held at Columbus last week was a great success. Over 150 poultrymen and others from over the state attending. Medina county was represented by A. B. Luckel of Sharon, W. Ring of Litchfield, and County Agent Halderson of

Medina. It has been decided that a poultry culling campaign will be carried out in Medina this summer. These demonstrations will only be scheduled in communities where there is sufficient interest. Those who are interested should notify the Farm Bureau office and the matter will be talked over with them.



**ECZEMA**  
Christ's Blessing  
From Heaven Christ sends down a blessing. He communicates His nature to us, and so we learn how we are to live, and how we are to let Him live in us; and we see somewhat of what we might be if we had faith, and hope, and love, to bear the weight of the glory.—H. Monsell.

W. J. WALL, Druggist, Medina, Ohio Try our classified column for results



Cleaning Up the Hoghouse.

Maryland state board of agriculture, appears the following: "An analysis of the data obtained from sick herds, vaccinated in Maryland during 1919, shows that over one-fifth of the swine had died or were too sick to treat before the herds were immunized." Information from other states where control work has recently been conducted points to a similar lack of prompt attention in reporting outbreaks of hog cholera. Much of the criticism and unfavorable comment against anti-hog-cholera serum are due to the fact that farmers delay the use of the product for too long a period after cholera has reached the herd. When many of the animals show symptoms of the disease and the temperature reveals a high fever, it is not reasonable to suppose that serum will do much toward limiting losses. Therefore, the warning is again given to treat the animals at the very first sign of cholera in the herd.

Or better still, if there are reasons to suspect that the hogs have been or are exposed to infection, they should be immunized before they have fallen victims. In sections where there are no known outbreaks of cholera there does not seem to be any need for the use of an expensive treatment, but when the disease makes its appearance in the vicinity no time should be lost in having all susceptible hogs given the serum treatment.

Reports indicate that farmers and swine owners are remiss in guarding against the introduction of infection, and are generally inclined to expect too much of anti-hog-cholera serum as a curative agent.

Copies of Farmers' Bulletin 834 may be had free upon application to the division of publications, Department of Agriculture, Washington.

## FIRST BROOD SOW ESSENTIAL

Animal Should Be Given Enough of Right Sort of Feed to Nurture Little Porskers.

The first essential for the brood sow is enough of the right sort of feed to enable her to lay on a little flesh against the drain of suckling a litter and also build up the litter which she is carrying.



Laying the Foundation of a New Silo.

for herds of different sizes to be fed different quantities for winter feeding, when 2 inches of silage are removed daily:

### Relation of Size of Herd to Diameter of Silo For Winter Feeding.

Inside diameter of silo, in feet.	Quantity of silage in depth of 2 inches.	Number of animals that may be fed, allowing—			
		40 pounds per head.	30 pounds per head.	20 pounds per head.	15 pounds per head.
10....	324	13	17	26	35
11....	394	14	21	31	42
12....	474	15	25	37	50
13....	564	16	29	44	59
14....	664	17	34	51	68
15....	774	18	39	59	78
16....	894	19	44	67	89
17....	1,024	20	50	76	101
18....	1,164	21	56	85	113
19....	1,314	22	62	95	126
20....	1,474	23	69	106	140

A 900-pound cow ordinarily consumes 30 pounds of silage a day, and a 1,200-pound one about 40 pounds. Yearlings eat about one-half as much as mature animals; fattening cattle, 25 to 35 pounds for each 1,000 pounds live weight.

It happens, sometimes, that a silo is not wholly filled, because there is not enough corn planted for silage, and there are not enough of other crops make up the deficiency. The amount of silage that may be obtained from an acre of corn varies from 4 to 20 tons. A fair allowance on average land is 8 tons per acre. Hence for a 60-ton silo it might be well to plant 8 or 10 acres of corn.

It is by all means best to lay out land enough in silage crops to fill the silo to the very top; and if there is any doubt about how much will be needed, to allow a margin of safety, remembering that the season may cut down the yield of this as well as of other crops. On the other hand, if there is too much corn or sorghum to go into the silo, the excess can be cut as dry fodder, and other crops can be made into hay.

Two bulletins issued by the Department of Agriculture are useful in this connection; one is Farmers' Bulletin 855, Home-made Silos; and the other is Farmers' Bulletin 578, The Making and Feeding of Silage.

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## MEMORIALS

Do you intend erecting a monument or marker for Decoration Day? If so we invite you to look over the beautiful designs we have ready to letter in our show room.



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