

FARM AND GARDEN

Farm Telephones.

In some parts of the country telephones are becoming very common. It seems that once a telephone is established in the family it is there to stay. Other sections of the country are very much behind the times in this respect, probably because no one has gone ahead with the preliminary arrangements.

A farm telephone is not only a great luxury, but it is fast becoming an absolute necessity. With the addition of more business to the farm every year and the scarcity of labor anything that saves steps is worth money. When you get accustomed to doing business over the telephone you realize its great value.

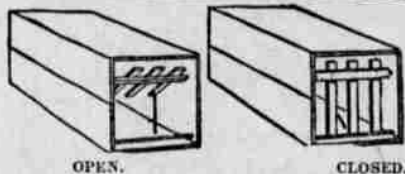
A short time ago I heard a farmer order 100 bushels of seed oats by phone from another farmer about ten miles away. He had seen a sample at the fair last fall and made the negotiations accordingly. The business was transacted in about five minutes while the farmer was sitting at his desk after reading his morning mail left at the box by the rural delivery man. It would have taken him all day to get his mail and drive to the other farmer and buy his seed oats.

But there is a social side to farm life that is fostered by the telephone. It often happens that a woman is left alone for the day and she can easily make arrangements to have a neighbor call and spend the time pleasantly, instead of feeling lonely. Then it is so easy to make social arrangements for evenings or to meet friends as occasion requires.

There are always people in a neighborhood who are public-spirited enough to go ahead with the necessary arrangements to establish a telephone service. Others should encourage them promptly by subscribing to the fund required. Everybody is benefited, because the arrangement is mutual in the neighborhood. — Agricultural Epitomist.

A Trap Nest.

The accompanying plan of trap nest is quite simple and can be made from a box of suitable size. It should be 12 or 14 inches square by 20 or 24 inches long. The slats should be nailed to a crosspiece about one-quarter the distance from the top. A couple of nails are driven through the box and into the crosspiece to swing on. Half way back, on the inside, a narrow



piece of board is nailed, back of which the nest is made.

To set the trap simply raise the slats inward from the bottom 8 or 9 inches high and place a small stick under one of the slats. As the hen enters the door is raised off the stick, which falls to the floor. There should be about five slats for a box 12 or 14 inches in width, slats close against inch strip at bottom.

When Vegetables Mature.

The following list will show the gardener how long after planting the various common vegetables will mature their growth and be ready for use:

Bush beans	40 to 65 days
Pole beans	50 to 80 days
Beets	60 to 80 days
Early cabbage	10 to 130 days
Carrots	75 to 100 days
Cauliflowers	100 to 130 days
Celery	120 to 150 days
Sweet corn	60 to 100 days
Cucumbers	60 to 80 days
Eggplants	100 to 140 days
Onion seed	130 to 150 days
Onion sets	90 to 120 days
Parsley	30 to 120 days
Parsnips	125 to 160 days
Peas	40 to 80 days
Peppers	100 to 140 days
White potatoes	80 to 140 days
Pumpkins	100 to 140 days
Radishes	20 to 40 days
Spinach	30 to 60 days
Bush squashes	60 to 80 days
Late squashes	120 to 160 days
Tomatoes	100 to 140 days
Turnips	110 to 140 days

Earnings of Good Cows.

To demonstrate that all the good cows are not confined to any one breed and to show that the net profit per year is from a good cow attention is called to the records of the best five cows at the Wisconsin experiment station as follows: Johanna, Holstein, 13,186.2 pounds milk, 444.96 pounds fat, average test, 3.62 per cent, net profit \$95.31; Marcella, Jersey, 7,783.1 pounds milk, 442.33 pounds butter fat, average test, 5.68 per cent, net profit \$80.01; Margaret, Guernsey, 8,652.7 pounds milk, 403.25 pounds fat, aver-

age test, 4.66 per cent, net profit \$78.30; Christiana, Ayrshire, 9,037.4 pounds milk, 366.58 pounds fat, average test, 4.06 per cent, net profit \$66.21. The cost of feed at market prices has been charged to each cow and the figures represent the sale of butter fat less the cost of feed. The skim milk, calf, and manure are products in addition.

Hog Cholera.

In the way of treatment the United States Bureau of Animal Industry has discovered a vaccine which saves about 80-odd per cent after cholera appears in a herd, and a larger per cent if vaccinated before the disease is introduced. Time will demonstrate the practicability of this method. The bacteriology department of the Kansas State Agricultural College is also working along these lines, but is not yet ready to announce anything but progress.

When symptoms of cholera appear in a herd, it is wise to dip the whole herd, disinfect their quarters thoroughly, give them a slight change in feed, and add to this about five drops of tincture of prickly ash for each hundred pounds of hog once or twice a day. The old remedy of wood ashes and salt is good in many instances. A little powdered sulphate of copper, dried sulphate of iron or charcoal given daily when the animals are not perfectly healthy frequently does much good. After all, the old adage, an ounce of prevention is worth a pound of cure, holds good here.

Saves the Fertilizer.

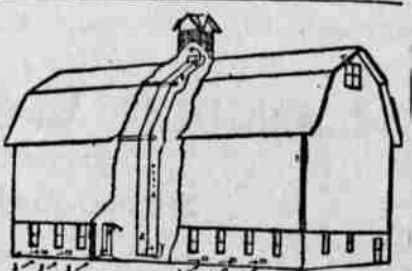
Fertilizer is expensive. By the old method of distributing it there was usually enough wasted to represent a pretty penny. Then came along a Virginia man and invented the hand fertilizer dropper. This device consists of an odd shaped bucket, running to a point at the bottom and having a small opening there, through which the contents filters. A hinged valve, operated by a rod that leads to the handle of the bucket, controls the flow. The top of the rod is connected to a crossbar, which runs under the handle of the bucket. This bar is in close reach, and, when resting on the top of the bucket the valve is open. To close the valve the operator merely extends a finger and lifts the bar, thus shutting off the fertilizer. The valve flares at the bottom, spreading the fertilizer in a broad, fine stream. For small farms, gardens and lawns this device is of great convenience, and is a money-saver.



Water for the Chicks.

Take an ordinary baking pan and have the tinsmith rivet on an "ear" on one side for nailing to a tree. Have him also make a hole in the bottom in one corner, that the water can be let out every day and the pan be kept clean. Nail the pan to a tree about twelve inches from the ground, so the chicks can drink without getting into it with their feet. The birds will soon discover that it is a fine place from which to get a drink on hot days. Sometimes they find, too, that it is a convenient place for a bath, and this of course makes the water dirty. But it is not much trouble to refill the pan with clean water, and this should be done two or three times a day. Chickens and birds require a great deal of water, and they often suffer for lack of it. Don't neglect them. — Boston Herald.

The King System of Ventilation. Ventilation for stables and barns is now regarded as one of the essentials to be provided for in construction. The King system as illustrated in the dia-



SHOWING THE VENTILATING FLUES.

gram consists of two sets of flues, one set to admit the fresh air, the other to furnish an escape for the vitiated air. The inlet or fresh air flues should be placed not more than ten feet apart and located in the exterior walls of the barn. The outlet may include one or more flues.

Scientific Small Farming.

An experiment from which much may be learned is being tried in Hungary. It is embodied in the new land bill, which is now coming into operation. The proposal is to break up 24,000 acres into settlements, which settlements will be subdivided into plots of seven acres each. But the interesting point is that in the center of each group of small holdings there will be a larger holding of not more than 666 acres, which will be in the hands of a capable and experienced farmer, who will set an example for the others to follow.

What is Castoria.

CASTORIA is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The children's Panacea—The Mother's Friend.

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Chas. H. Fletcher, and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.



Exact Copy of Wrapper.

Letters from Prominent Physicians addressed to Chas. H. Fletcher.

Dr. F. Gerald Blattner, of Buffalo, N. Y., says: "Your Castoria is good for children and I frequently prescribe it, always obtaining the desired results."

Dr. Gustave A. Eisengraeber, of St. Paul, Minn., says: "I have used your Castoria repeatedly in my practice with good results, and can recommend it as an excellent, mild and harmless remedy for children."

Dr. E. J. Dennis, of St. Louis, Mo., says: "I have used and prescribed your Castoria in my sanitarium and outside practice for a number of years and find it to be an excellent remedy for children."

Dr. S. A. Buchanan, of Philadelphia, Pa., says: "I have used your Castoria in the case of my own baby and find it pleasant to take, and have obtained excellent results from its use."

Dr. J. E. Simpson, of Chicago, Ill., says: "I have used your Castoria in cases of colic in children and have found it the best medicine of its kind on the market."

Dr. R. E. Eskildson, of Omaha, Neb., says: "I find your Castoria to be a standard family remedy. It is the best thing for infants and children I have ever known and I recommend it."

Dr. L. R. Robinson, of Kansas City, Mo., says: "Your Castoria certainly has merit. Is not its age, its continued use by mothers through all these years, and the many attempts to imitate it, sufficient recommendation? What can a physician add? Leave it to the mothers."

Dr. Edwin F. Pardee, of New York City, says: "For several years I have recommended your Castoria and shall always continue to do so, as it has invariably produced beneficial results."

Dr. N. B. Sizer, of Brooklyn, N. Y., says: "I object to what are called patent medicines, where maker alone knows what ingredients are put in them, but I know the formula of your Castoria and advise its use."

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Bears the Signature of

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Diplomacy.

"Isn't there some talk that Gringo is going to enter the ministry?"

"The ministry? Why—O, I see. That's what he really wants, but he intends to try for a consulship first."—Chicago Tribune.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

His Speedometer.

Inquisitive Person—How do you tell how fast you are going?

Chauffeur—I watch the expression of the faces of the policemen as I whiz past them.

There Are Others.

"Bings is afraid that he may be prosecuted for polygamy."

"Why, he is married to only one person, ain't he?"

"That is what he thought for a while, but now it appears that he married her whole family, and there are seven of them."—California Weekly.

Merely Friendly.

Elderly Relative—Mortimer, what are your intentions in regard to Miss Sullivan?

Scapgrace Nephew—Strictly honorable and praiseworthy, uncle.

Elderly Relative—I am glad to hear that, Mortimer. I was afraid you were going to try to persuade her to marry you.—Chicago Tribune.

Bad BLOOD

"Before I began using Cascarets I had a bad complexion, pimples on my face, and my food was not digested as it should have been. Now I am entirely well, and the pimples have all disappeared from my face. I can truthfully say that Cascarets are just as advertised; I have taken only two boxes of them."

Clarence R. Griffin, Sheridan, Ind.

Pleasant, Palatable, Potent, Taste Good, Do Good. Never Sicken, Weaken or Gripes. 10c, 25c, 50c. Never sold in bulk. The genuine tablet stamped G. C. Guaranteed to cure or your money back. 927

A Lite Trail.

"Jones says that he always gets to the bottom of anything he undertakes."

"Don't doubt it. At school he was always at the foot of the class."—Baltimore American.

A Parist at Large.

"Let me see—the census gives your town about 6,000 doesn't it?"

"No, sir; our town gives the census 6,000."

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placed anywhere, attracts and kills all flies. neat, clean, ornamental, convenient, cheap. Lasts all seasons. Can not spill or tip over, will not soil you or injure anything. Guaranteed effective. Of all dealers, or sent prepaid for 20 cents.

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