

Farm and Garden

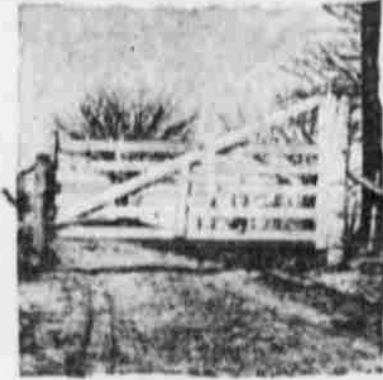
MAKING A FARM GATE.

Here's One That Has Been Found to Work Very Satisfactorily.

We have two wagon gates through which we must pass very often—often a dozen or more times every day—says a correspondent of Home and Farm. The boys live on one hill and the old folks on the other, and between the two places is a cow pasture three-quarters of a mile long, part woodland and part cleared land.

To get down and unfasten these gates at every such passing would be a great deal of trouble and in the run of a year would take time enough to do lots of other work. So it has been arranged to avoid this. Both gates are hung to open inward, so that a cow, horse or mule cannot push it open, and are hung so they will fall shut of their own accord. They are both light, one being made of three 1 by 4 bars, so they will not pound themselves to pieces.

It is no trouble at all to pass through, even with a led horse, and there is



GOOD FARM GATE.

great satisfaction in knowing that the gate will be sure to shut itself and require no further thought. But there is one difficulty which no doubt occurs to the reader's mind. Will not the wind blow it open and let stock into the cornfields? Yes, it will. And that is the point of this letter.

One of the gates has a woodland to protect it from such an occurrence. Only a very severe wind from the east will affect it in the least. Only since a strip was cut through for a telephone line has such a thing occurred at all.

The other one, however, is easily affected by a wind from the west, a body of woodland of very dense growth deflecting even a north wind against it. But we have solved even that problem with what we call a wind latch.

A piece of inch board 6 by 12 inches is trimmed to almost a feather at one end. A three-eighths inch hole is bored edgewise near the other end. A seven inch spike is put through and driven an inch into the post against which the gate strikes, near the top of the post, on the outside, so it hangs down clear of the barb wires of which the fence is made.

A piece of heavy wire three inches long is driven sidewise and on the west side, near the top of this board, or "wing," as we call it. A ring, or loop, is turned in the free end, from which a smaller wire extends downward to near the middle of the gate, where it connects with the latch proper.

This is a small rod, the size of a six-penny nail, and it passes through a three-eighths inch hole, bored down grain through a six inch board. The west end is bent square to the north, and the wire from the wing is connected with it. The eastern end is bent directly downward. Now, when the wind blows hard enough to cause the gate to open it will raise the wing, and that will throw the eastern end of this rod so as to catch the gate.

Like nearly all our gates, this one is swung to a tree, with the upper hinge nine feet from the ground. The wind often causes this tree to sway back and forth, but this latch always catches the gate in spite of such.

TWO GOOD THINGS.

There should be a farmers' club in every neighborhood, and there should be the best of farm papers in every home. And brains as well as brawn must be used by the one who would succeed.

Pinfeathers.

Some good poultry men think by feeding sitting hens in the morning they are more apt to remain contentedly on their nests all day.

Roupy fowls should be separated from the rest of the flock and kept here they are not likely to contaminate the soil or spread the disease.

There is nothing so injurious to chickens, turkeys, ducks, geese and pigeons as exposure to dampness. By that is not meant the occasional exposure to the rain, but living continually in damp places.

One cannot feed hens barely enough keep them alive and then expect eggs from them. It has also been proved that some kinds of foods will produce more eggs than other kinds, supply the elements requisite to the growing of feathers, bone or frame, and, a certain amount of fat (needful to conserve the animal heat) and a surplus to be turned into eggs.

SILCO WISDOM.

Observe These Points and Get the Best Results From Your Labor.

The basic point about a silo is that it must be an air tight receptacle. A cement silo should always be pitched with tar or painted on the inside with some air tight material before filling. The sole reason for building the silo is that it is the most economical way of storing a succulent feed. We can store three times as much dry matter in a silo per square foot as we can in a haymow.

The theory of silage is that sugar, protein, etc., turn to lactic acid by fermentation. Heat is generated, from 100 to 175 degrees, which kills off all germ life, or, rather, the germ life kills off itself. The longer this heat is maintained the better the silage. Around the outside the temperature is frequently low. Cypress, redwood and cement allow a little absorption, dry silage a little on the outside and provide fermentation.

Forty pounds per cubic foot is about the right weight for silage. It is practically uniform all the way down.

The most expensive place to build a silo is inside a barn. It may be desirable for convenience, however, but it takes up valuable space that can be used for storing grain or sheltering animals.

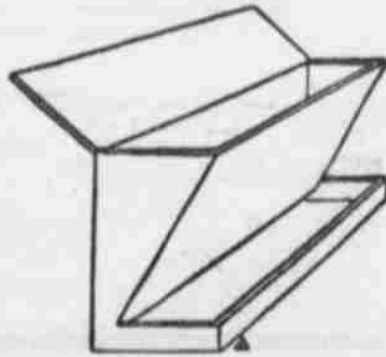
Silage must be cut fine. The finer it is cut the better it will pack and the better it will be. A quarter of an inch is about the right length, and a half inch is the limit at which silage ought to be cut. What you lose in cutting you gain in labor in the pit.—Farm Press.

CHICKENS' MEAL BOX.

Directions For Making a Self Feeding Hopper That Works Well.

A self feeding hopper may be made from a box purchased at the grocery store. A box sixteen inches deep, two feet wide and two and one-half feet long will make a very good hopper. The bottom of the box should form the back of the hopper.

The top of the box should be fastened with hinges to form a lid. The top of the box should be removed and



SELF FEEDING HOPPER. [From Iowa Homestead.]

slanted inward so as to leave a narrow space at the bottom for the mash to run out. The ends of the box should be sawed to suit the slanting board.

The lower side of the box should be fixed to hold the mash by nailing inch pieces around the edge. The box can be filled with the mash, giving the chickens a chance to eat what they desire. This will prove beneficial in the laying season.—Iowa Homestead.

EARTH AND OURSELVES.

"And God said unto them, Be fruitful and multiply, and replenish the earth, and subdue it."

"We have multiplied, but the earth has subdued us," says Dr. Cyril G. Hopkins of Illinois.

"Three things are necessary for the most profitable improvement and preservation of our upland prairie and timber soils—limestone, organic matter and phosphorus."—Country Gentleman.

Don't Forget the Farm Girls.

Do not forget the girls when the returns for the crops and animals are to be distributed among members of the family. The boys may have toiled in the fields and in the barns, and their work may merit special reward. Reward them and thus encourage them to undertake more next year. But do not forget the girls who have made it possible for you and their brothers to labor. They have borne the heat of summer around the kitchen range; they have endured the drudgery of the weekly laundry; the choice preserves, pickles, canned fruits, etc., are a result of their labor.—Farm and Ranch.

"Test Your Seed Corn!"

"Test your seed corn" as a slogan for every corn growing state in the Union would not be a bad one.

Do not trust to the other fellow to do the testing. Do it yourself. The germination box is the most convenient place to ascertain the bad from the good seed. When possible use seed testing 50 per cent or better. And then if the seed does not grow look to soil and seasonal causes for the poor stand. A good stand of good corn means good profit.—Farm and Fireside.

Back Him Up.

Here is a scheme that makes the work of loading hogs easy. When one will not go up into the chute but turns back, just slip a bushel basket over his head. He will start backing to get the basket off his head. Follow him up and you can steer him up the chute and into the wagon like a wheelbarrow.—Farm and Fireside.

Portraiture enlarging and copying at the Seward Studio.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, October 21st, 1912.

Notice is hereby given that Ralph A. Dunn of Bend, Oregon, who on June 29th, 1906, made Desert Land Entry No. 641, Serial No. 9447, for

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F. M. Carter The Wood Man.

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E 1/2 NE 1/4, section 25, township 18 south, range 12 east, Willamette Meridian, has filed notice of intention to make final desert proof, to establish claim to the land above described before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 30th day of November, 1912. Claimant names as witnesses: Milo W. Wilson, Henry Starr, George E. Lowell and Kenneth R. Dunn, all of Bend, Oregon. C. W. MOORE, Register.

NOTICE FOR PUBLICATION

Department of the Interior, U. S. Land Office at The Dalles, Oregon, October 16th, 1912.

Notice is hereby given that Elmer A. Antes, of Bend, Oregon, who, on September 13th, 1911, made homestead entry No. 09482, for NE 1/4, Section 25, Township 20 South, Range 16 East, Willamette Meridian, has filed notice of intention to make final commutation proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 30th day of November, 1912.

Claimant names as witnesses: Orlea O. King, Peter Jordan, O. C. Henkle and W. C. McCulston all of Bend, Oregon.

C. W. MOORE, Register.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, October 17th, 1912.

Notice is hereby given that Albert Harryman, of Bend, Oregon, who, on February 6th, 1909, made homestead entry No. 92469, for N 1/2 NE 1/4, Section 7, Township 17 South, Range 12 East, Willamette Meridian, has filed notice of intention to make final three year proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office, at Bend, Oregon, on the 3rd day of December, 1912.

Claimant names as witnesses: John F. Young, Earl B. Houston, George Bates of Bend, Oregon, and George W. Horner of Laidlaw, Oregon. C. W. MOORE, Register.

NOTICE FOR PUBLICATION

Department of the Interior, U. S. Land Office at The Dalles, Oregon, October 16th, 1912.

Notice is hereby given that C. S. Benson, guardian of Jesse L. Poush, of Bend, Oregon, who, on June 19th, 1907, made homestead entry No. 15542, Serial No. 04113, for NW 1/4, Section 8, Township 18 South, Range 16 East Willamette Meridian, has filed notice of intention to make final five year proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 26th day of November, 1912.

Claimant names as witnesses: C. H. Erickson, Oliver Erickson of Bend, Oregon, George T. Kitching and Ralph E. Gates, of Roberts, Oregon. C. W. MOORE, Register.

33-37

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BEND VIEW

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