

TOPICS FOR FARMERS

A DEPARTMENT PREPARED FOR OUR RURAL FRIENDS.

Farmers' Boys Should Be Taught Self-Reliance from Infancy - Plant Trees - A Balance for the Grindstone - Feeding Down Young Grain.

Boys on the Farm. I am acquainted with an instance where a certain farmer brought his boy up just as you would train a colt. He was never allowed to exercise the least amount of judgment in anything pertaining to farm matters.

As soon as the boy is 12 years old his training should begin. Show him that he is of more consequence than a machine, that he is put here to think, plan and carry out work.

Plant Trees.

If you happen to live on the prairie where you have no woodlot, suppose you make the experiment of planting a few trees. Some yards even are bare of trees.

Then, if you have a spare sandy, low-lying corner that is not good for much else, you might put it to good use by planting a lot of cottonwoods there.

Balance for Grindstones.

One of the most satisfactory little improvements I have lately made is a balance on my grindstone. I turn with a treadle, operated by my foot, and this balance not only makes the stone turn easier, but also makes it run more steady.

Planting Cucumbers in Ridges.

Instead of planting cucumber seed in hills where the roots of a dozen or more plants will crowd each other, we long ago learned that it is much better to plant the seed in ridges only very slightly raised above the soil around them.

Feeding Down Young Grain.

On very rich soil spring grain is apt to grow too rank and its straw will break down before the grain is filled, making the entire crop a failure.

Effect of Food on Eggs.

A systematic series of inquiries in regard to the effect of food upon the size of eggs, develops the fact that most feeders are very much in the dark upon this subject.

WEEKLY MARKET LETTER.

Downing, Hopkins & Company's Review of Trade.

Outside of some little manipulation of July options, markets were dull and fairly steady last week. Spring wheat in the Northwest is above the average, both as to quality and acreage sown.

Proctor Taylor, the well-known miller of Quincy, Ill., and member of the Chicago board of trade, has just returned from a trip to Oklahoma, where he has been to see for himself about the likelihood of getting a quantity of soft red wheat for his mill.

Farm Notes.

Poor hay makes a poor feed. The time of cutting and manner of curing are important items as regards quality.

While mistakes do not always result in loss, it is as important to know how to avoid mistakes as to be successful.

One of the surest ways of killing out noxious weeds is to cut them off close all the tops of the ground as fast as they show up.

There is a fairly good demand in market for well matured animals of medium size that are in a good thrifty condition.

It is impossible to feed cattle with profitable results that have been stunted during the early stages of their existence.

Keep up the cultivation until the crops can be considered as made. There is little risk of giving too much cultivation; the opposite is generally the case.

South Carolina's Wild Beasts.

If a circle be described with the Charleston city hall as a center and a radius of fifteen or twenty miles, there may be found within its limits at least twenty-five different species of wild animals, several of them in sufficient numbers to make their capture for the sake of their skins a profitable employment.

Portland Markets.

Wheat—Walla Walla, 66¢; Valley, 65¢ per bushel. Flour—Best grades, \$3.50 to \$3.60; Graham, \$3.25; superfine, \$2.25 per barrel.

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Will in a Grave.

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Jacob Kissinger was the man. The will was found by accident, because when Kissinger died, although the will was believed to have been made, no body could find it. So the heirs went to law and have been at it for three decades.

A few days ago a dispute arose which could be cleared up by the family Bible. So the old grave was opened and the book taken out. It was in a good state of preservation, and, when opened, to the surprise of everyone, disclosed the old man's will.

By the terms of the document found in the grave the property of Kissinger was divided equally among five children, one of them a resident of Germany, and born of Kissinger's first wife. And this is where the new trouble begins.

The German heir, of course, has been in ignorance, too, of the existence of his American brothers, and the property and money bequeathed to him. If he presses his claim now, it is said that the four brothers who live here will have quite a hole in their purses when they pay him what is his by his father's will.

Ice-Breaking Ships.

Vice-Admiral Makarov, of the Russian navy, has been studying the construction and use of powerful ice-breaking ships. At a recent meeting of the Imperial Geographical Society at St. Petersburg he expressed the belief that with two such ships, each of 10,000 horsepower, acting together, a line of free water communication could be kept open in winter to the port of St. Petersburg, and he added that they could even force their way through the glacial ocean if the thickness of the ice did not exceed 12 feet.

Horse Power of Lightning.

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Piso's Cure for Consumption.

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A GASOLINE HOISTING ENGINE.

It Does the Work of the Steam Engine Better and With Less Cost.

The use of gas and gasoline engines in mines and for all power purposes is very much on the increase. New uses for them are being found every day. They are being used quite extensively for pumping, for hoisting, and for other work in mining.

"We have had the engine in use for some time, and have found it highly satisfactory and in the highest degree economical. We are engaged in sinking, and of course only hoisting intermittently. Our engine is rated at 25-horsepower, and hoists a load of 1,100 pounds from a depth of 275 feet in 43 seconds.

"The engine is provided with electric and torch lighters, both of which work very satisfactorily. One man can, by means of the self-starter, easily start the engine alone; after starting it requires no attention, except to see that the oil cups are feeding properly.

HERCULES HOISTING ENGINE.

There are several cogent reasons why the medical profession recommend and the public prefer Hostetter's Stomach Bitters above the ordinary cathartics. It does not sicken and weaken the bowels, but assists rather than forces nature to act; it is both safe and its action is never preceded by an internal earthquake like that produced by a drastic purgative.

DRUNKARDS CAN BE SAVED.

The craving for drink is a disease, a marvellous cure for which has been discovered called "Anti-Jac," which makes the inebriate lose all taste for strong drink, without knowing who or what has given security in tea, coffee, soup and the like.

AN OPEN LETTER TO MOTHERS.

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March 8, 1897. Samuel Pitcher, M.D.

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SANDEN ELECTRIC BELT CO., 253 West Washington St., Portland, Or.

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CHEAPEST POWER...

Rebuilt Gas and Gasoline Engines

IN GUARANTEED ORDER. FOR SALE CHEAP

1-H. P. Hercules, Gas or Gasoline.

1-2 H. P. Hercules, Gas or Gasoline.

1-3 H. P. Hercules, Gas or Gasoline.

1-4 H. P. Otto, Gas or Gasoline.

1-4 H. P. Pacific, Gas or Gasoline.

1-6 H. P. Hercules, Gas or Gasoline.

1-10 H. P. Hercules, Gas or Gasoline.

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Gas, Gasoline and Oil Engines, 1 to 200 H. P.

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