

TOPICS FOR FARMERS

DEPARTMENT PREPARED FOR OUR RURAL FRIENDS.

Land is Property Fed, It Will Return Feed You-Value of the English Walnut-Why Broad-Tired Wheels?

Importance of having the greatest possible quantity of manure is generally understood by farmers, even when they fail to give proper attention to the matter. Every crop taken from the land, every pound of meat sold from the farm, represents an ascertained amount of fertility withdrawn, and no farmer can deny that we cannot continue to draw from the soil without making a return.

The English Walnut. Possibly few trees in the old world are more profitable than the English walnut, which thrives in England and over the northern part of the continent of Europe.

The Coral Berry. This is the most unique and remarkable berry ever introduced. It is a distinct type of fruit, differing widely from any variety of berry cultivated at the present day.

Broad-Tired Wheels. A wagon going uphill takes more force to draw it than when it is moved on a level. When a wheel sinks in soft ground there is an elevation of the ground in front of it equal to the depth of the sinking.

Cow Food Economies. Cheap foods do not give the farmer any advantage unless such foods can be produced on the farm at a small cost for labor.

Resting Land. Half a century ago farmers would "rest" their land by omitting a crop one year in three or four. In the meantime nature would force growth of weeds or plants that were adapted to the conditions of the soil.

Some Erroneous Notions. It is a mistake to try to grow good fruit and vegetables without knowing anything about their peculiarities.

Manures as Fertilizers. The second number of Experimental Station Work, prepared under the direction of Director A. C. True, has been published by the Agricultural Department.

ermination, but there is considerable danger that they may be, and are at present, overestimated by farmers, and money is expended in many cases in the purchase of ashes which might be more economically used in buying other forms of fertilizer.

Lumpy Jaws. A correspondent of an exchange says that while feeding a small lot of dehorned steers he permitted a bull calf to run with them.

Lime Benefits Clover and Timothy. The experiments in liming by the Rhode Island station were continued through the season of 1897 with clover and grass. With but one exception, the crops showed marked benefit from the application of lime.

Where timothy and red top have been found together, liming has invariably increased the percentage of timothy. This increase has been so great as to make the hay sell for \$2 per ton more than formerly harvested from the plot.

Northwest receipts are still falling off, being 165 cars less than last week. Portland Market. Wheat-Walla Walla, 77@79c; Valley and Bluestem, 80@81c per bushel.

Seattle Market. Butter-Fancy native creamery, brick, 27c; ranch, 25@26c. Cheese-Native Washington, 13c; California, 9@c.

San Francisco Market. Wool-Nevada, 11@13c; Oregon, 12@14c; Northern 7@8c per pound.

Citrus Fruit-Oranges, navel, \$1.00@2.50; Mexican limes, 95@6.50; California lemons, choice, \$1.50 @1.75.

Some Erroneous Notions. It is a mistake to let the fruit tree agent select varieties for you, even if he is honest.

It is a mistake to think that seedlings are longer lived than grafted trees. It is all dependent on the tree.

It is a mistake to judge new fruit by one or two years' experience. Some great failures have promised well, and often good varieties do not show their good qualities at first.

WEEKLY MARKET LETTER.

Trade Conditions in the Leading Cities of the World.

In a newspaper interview Mr. Armour is quoted as saying that wheat will go to \$1.50 if the leather party do nothing but sit still.

There is a working going on in connection with the geological surveys of the government that is of interest to the nation at large, and also to the world in general.

From Mr. Bobb, who has lately returned from a season in the North Pacific states, it is learned that at the request of a local engineer he investigated the water supply of the Dungeness district.

When we estimate the immense area of arid lands and know that, not including Alaska, one-third of the United States remains still public domain, it is arid land rich in soil, but without water supply.

There are also extensive natural basins where water can be had by boring artesian wells, by which means much land can be made productive.

Wales is the richest part of Great Britain in mineral wealth. England produces annually about \$10 to each acre, Scotland a little less than \$10.

When we know that a quarter-section of land will make a home for a family, and take the arid acreage of the three North Pacific states for a basis of estimate; if one quarter of this area can be redeemed, it will furnish homes for 37,500 families and support a population of 250,000 people.

Priceless Boon to Our Followers. Of course all this vast extent of arid territory cannot be made available for farms and homes, but very much of it can be, and the work of experiment and discovery that goes on so constantly may discover more means for such reclamation.

The invention is announced of the phonoscope, an instrument of wonderful value in studying the condition of the internal organs of the body.

In order to raise church funds, a Georgia minister charged admission to an entertainment where the contestants engaged in a ginger cake eating competition.

ARID AND SEMI-ARID LAND.

A Study of Conditions in the Pacific Northwest.

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ALASKA BREAD

How to Prepare the "Staff of Life," by a Practical Miner.

Bread in Alaska means always baking power bread or biscuit, for no other kind is possible. There is no yeast or any other means of raising dough.

Several other Alaska receipts together with lists of groceries, clothing and supplies to take with one are published in a Klondike circular.

Knob on the Pocket. Pockets of garments may be safely closed by a new invention, consisting of a wire frame similar to pocketbook frames to be sewed into the ordinary knob catch.

An Aerial Bicycle. A Wisconsin inventor has designed an aerial bicycle, which is fitted with aeroplanes and a screw propeller with large light-weight blades.

Shake into Your Shoes. Allen's Foot-Ease is a powder for the feet. It cures painful, swollen, smarting feet and instantly takes the sting out of corns and bunions.

The British steamer Algoa loaded for Europe at Tacoma, a few weeks ago, 377,000 bushels of wheat, which at 60 pounds to the bushel, gave a total of 11,310 short tons.

The fastest flowing river in the world is the Sutlej, in British India, with a descent of 12,000 feet in 18 miles.

With local applications, as they cannot reach the seat of the disease, catharsis is a blood or constitutional disease, and in order to cure it you must take internal catharsis.

Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation.

The Carr's New Cruiser.

The official trials of the cruiser Svetlana, built at Havre, France, for the Russian government, have just taken place. The contract speed of 30 knots was exceeded by 21-100ths of a knot.

The Milan bridge at Topeka is one of the few structures of the kind in the country that will not have a sign above it reading in this way: "Five dollars' fine for riding or driving across this bridge faster than a walk."

A Russian admiral has invented an ice plow capable of breaking through ice from 12 to 20 inches thick.

An Open Letter to Mothers. We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "PITCHER'S CASTORIA," as our Trade Mark.

The only surviving daughter of John Brown, of Harper's Ferry fame, is living in a small town in California, in nearly destitute circumstances. She is a temperance advocate.

FITS Permanently Cured. No fits or nervousness after first day's use of Dr. King's Great Nerve Restorer.

HOME PRODUCTS AND PURE FOOD. All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from glucose.

CHILDREN TEETHING. Use WITCHAMLIN for your child always be used for children teething.

POWER ...FOR... PROFIT Power that will save you money and make you money. Hercules Engines are the cheapest power known.

A Wonderful Statement

From Mrs. J. S. McGillis, of 113 Kilburn Avenue, Rockford, Ill.

"I was dreadfully ill—the doctors said they could cure me, but failed to do so."

"I was dreadfully ill—the doctors said they could cure me, but failed to do so. I was in despair and took to my bed. I had dreadful pains in my heart, fainting spells, sparks before my eyes, and sometimes I would get so blind I could not see for several minutes. I could not stand very long without feeling sick and vomiting."

"The pains I had to stand were something dreadful. My husband told me to try a bottle of Lydia E. Pinkham's medicine, which I did, and after taking it for a while, was cured."

Electric Life Dr. Sanden's Electric Belt. It cures you while you sleep. It makes weak people strong by invigorating the nerves and organs.

FERRY'S SEEDS and always get your money's worth. Five cents per paper everywhere.

YOUR LIVER Is it wrong? Get it right. Moore's Revealed Remedy will do it. Three doses will make you feel better.

WHEAT Make money by successful speculation in Chicago. We buy and sell wheat on margin.

FAT FOLKS REDUCED 15 to 25 POUNDS IN ONE MONTH. HARMLESS. DR. J. C. HENRY'S FATTENING AND REDUCING CURE.

POWER ...FOR... PROFIT Power that will save you money and make you money. Hercules Engines are the cheapest power known.

