

Information for the Young Farmer

Expert Advice on Growing Potatoes

HEALTHY ROOT SYSTEM AND LEAF DEVELOPMENT ARE BOTH REQUISITE

BEST SOIL DESCRIBED How Nitrogen, Phosphoric Acid and Potash Are Replenished Artificially

Before beginning to grow potatoes it is important to know something about the soil in which they are to be raised. Some information has already been given in this direction, but something more may be said here. The soil should be a heavy, loam, with a subsoil of a similar nature. It should be a soil that is naturally rich in nitrogen, phosphoric acid and potash. A soil of 25 bushels per acre of wheat, including the straw, will contain about 42 pounds of nitrogen, 23 pounds of phosphoric acid and 40 pounds of potash. A crop of 25 bushels per acre of potatoes will require 100 pounds of nitrogen, 100 pounds of phosphoric acid and 100 pounds of potash. It is true that the potato crop takes from the soil nearly twice as much potash as wheat, but a light dressing of manure is advisable to supply this. In ten tons of manure there would be considerably more potash than the crop of potatoes would take from the soil, but of course this would not all be available for the potato crop.

It has already been stated that potatoes do not grow well on a soil that is naturally rich in potash, and it will be shown that the soil from experiments conducted at the Central Experimental Farm in growing potatoes after clover, and fully bear out the popular belief that the wisdom of the practice of the best potato growers.

The potato appears to thrive best in a moist, somewhat cloudy and temperate climate, but providing there is sufficient moisture in the soil and the growing season long enough to do it, it is not at all fastidious in this respect. The soil should be a heavy, loam, with a subsoil of a similar nature. It should be a soil that is naturally rich in nitrogen, phosphoric acid and potash. A soil of 25 bushels per acre of wheat, including the straw, will contain about 42 pounds of nitrogen, 23 pounds of phosphoric acid and 40 pounds of potash. A crop of 25 bushels per acre of potatoes will require 100 pounds of nitrogen, 100 pounds of phosphoric acid and 100 pounds of potash. It is true that the potato crop takes from the soil nearly twice as much potash as wheat, but a light dressing of manure is advisable to supply this. In ten tons of manure there would be considerably more potash than the crop of potatoes would take from the soil, but of course this would not all be available for the potato crop.

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The Russian Drive

WRITTEN FOR THE ONTARIO BY CHARLES M. RICE, ATTORNEY-AT-LAW, DENVER, COLORADO

Butal, you say, is the German drive in Russia! That only faintly expresses it. The German drive in Russia is not a drive, it is a massacre. After Russia got down on her knees and accepted of all the outlandish demands of the German war lords, it was not enough to satisfy the greed of the unscrupulous Hun. They must push on in their unholy death dealing way which only the rapacity of the outlawed Hun could conceive and plunder and murder the greed of the unscrupulous Hun. The defenceless people right and left. We heard a pro-German the other day protest against Germany's dealings with the Russian people as liable to drive the whole world

against Germany. He could not understand why the German war lords should be so short sighted. But he need not wonder or imagine that anything in the line of extreme cruelty is going to be omitted by these crazy, civilization-defying, blood-thirsty Hun. From the imperial viewpoint, it is just as essential that the proletarian revolution, the anti-monarchical, world democracy movement in Russia be put down as that Berlin should subdue an open revolt against Potsdam.

As long as Russia is revolutionary, so long as it is the Germany of a hundred years ago, along with her neighbors, was engaged in. The same selfish instinct is the guide. "Constitutional Germany" must be restored to Russia, otherwise the propaganda may force its way through the Teutonic iron guard and imperial Germany may have to make concessions to the proletariat.

No peace is possible to Russia until it is Germanized, say the war lords. The poor unfortunate in Russia may think otherwise, but their war will come, and they will have to begin all over again. Bolshevik leaders played squarely into German hands, but Germany cannot afford to reciprocate. The Bolsheviks have played their part, they must now be destroyed by the power they so servilely obeyed.

Running at large they would be dangerous to the peace of Germany. Hence the drive must be kept up and Petrograd must fall.

Horse Sense

DRY STABLES, SOUND FEET

Every practical horseman knows that the disease known as thrush is caused by allowing the horse to stand in mud or manure for any length of time. It is a disease which is caused by the growth of a fungus in the mouth of the horse, and it is a disease which is caused by the growth of a fungus in the mouth of the horse.

Incubator Efficiency

Run the incubator a few days before putting in the eggs. This often saves eggs.

The good quality oil and keep the lamp clean. Use a new wick for each hatch. The temperature at the top of the eggs should be 102 1/2 degrees the first week, 103 degrees the second week and 103 1/2 degrees to 104 the third week.

Ladies Defend Resolution

Mrs. McClung and Mrs. Murphy say they have no apologies to make to anyone.

Mrs. Nellie McClung and Mrs. Emily F. Murphy of Edmonton, Alberta, at the Women's War Conference at Ottawa, last month, respectively moved and seconded a resolution which would have the Government of Canada make a supply of beer for the use of the women of the country. The resolution was adopted by a large majority.

Need Not Apologize

The day has gone by when people need apologize for expressing their disapproval of the liquor traffic or of suggesting that the manufacturing of beer should be stopped.

Grain Mould in Granaries

In these days of conservation of grain it would have been well for the editorial writer of the Toronto Telegram, if he had read some of the English newspapers before he laboriously compiled the figures to show that Canada would never, never handle all the wheat grown in Canada, and that precious wheat would in granaries if it were not for the fact that the law, if he had carefully read the resolution he would have found that the word wheat is not used in the words of the King.

Failed in Her Mission

Woman Honored by Bolsheviki Adrift on Ice Floes

Moscow, April 2.—Madame Alexander Kollontay, former Commissioner of Social Welfare, and the only woman honored by the Bolsheviki with a Cabinet position, returned to Moscow after an unsuccessful attempt to enter western Europe and make a general crusade on behalf of international Socialism.

For Better Train Service

Pictou.—There was a small attendance at the public meeting called for Friday night to discuss the advisability of sending a delegation to Ottawa to interview the Government, after giving reasons for calling a meeting, called on Mr. J. F. Fraser, Mr. Fraser gave some personal experiences with

our stock.

"When the Food Control Department at Ottawa called for a saving of wheat flour, it recommended the using of substitutes such as barley flour or rye flour, it was discovered that these were not to be found in Canada except for local use.

New Rector of St. Mark's

BEV. R. C. BLAGRAVE OF BELLEVILLE COMING TO TORONTO

The Rev. R. C. Blagrave, D. D., rector of Christ church, Belleville, St. Mark's church (Anglican), Parkdale, Toronto, is a native of Canada, having been born at Rawdon, Quebec, in 1879, where he attended the University of Toronto, where he graduated with distinction in 1902.

Easter Report

CANNIPTON SCHOOL Sr. Division

V. Class.—Roy Wood, Marie Cole. IV. Class.—Wilfred Whiting, Maggie Smith, Edith Smallhorn. III. Class.—John Logan, Bob Empson, Mary Mills, Janet Logan, Hilda Loucks and Alvo Hall, Gladys Horn, Norma Badgley, Verma Post.

IMPURE BLOOD IN THE SPRING

The Passing of The Winter Leaves People Weak and Depressed

As winter passes away it leaves many people feeling weak, depressed and easily tired. The body lacks that vital force and energy which pure blood can give. Dr. Williams' Pink Pills for Pale People are an all-year-round blood builder and nerve tonic, but they are especially useful in Spring. Every dose helps to make new, rich blood. Returning strength commences with their use and the vigor and cheerfulness of good health quickly follows.

Special Candy Saturday Sale

Our Special On Saturday is "NATIONAL CREAMS"

These delicious Creams are fine and fresh and sell regularly at one pound. Special Saturday Sale Price ONE POUND 25c—TWO POUNDS 55c. Be Sure And Get None. The Supply Is Not Large.

Chas. S. CLAPP

Other Editor's Opinions

GEN. ALLENBY IN ANCIENT JERICHO

The London, Eng., Times says: "Napoleon in one of those battlefields which ring through history his soldiers remember that forty centuries looked down upon their deeds. The centuries which look down upon the British conquerors of Jericho are not quite so many as those of the Pyramids, but they too are to be counted by tens, in the very old, the very new and of the very old, the latest discoveries of science as applied to war and of sites and names of immemorial antiquity, there is a grandeur and a grandeur, which appeals with unequalled power to the imagination in the masses of mankind."

Not Charging

"Then the charge was made that the resolution lacks 'good manners,' the inference being that it is not our place to dictate to the Motherland. This is exactly what we have not done. We said that our resolution, 'Let us do the milling here, we cannot suppose terms on our customers, but we do not wish to do so with our own. That there is a rebuke to the liquor interest of Great Britain in our resolution we do not deny, but we believe in this resolution, if followed out, would be a source of strength to the Prime Minister of England, whom we know to be a prohibitionist, who has already brought in resolutions of the liquor traffic and would gladly wipe it out if he could. 'No man in his senses,' said Lloyd George, 'would sacrifice the food of the country for any drink, however alluring it may be; and the Parliamentary Secretary of the Food Control Board, John R. Clynes, speaking in the House of Commons, March 12th, says that 'having regard to other considerations for the food situation, and opinion in America, the Government while maintaining a supply of beer for heavy manual workers, intended to reduce immediately the tonnage to be brewed to one hundred and fifty thousand tons of barley were taken from the brewers on March 1st, and a further 200,000 tons of malt were saved yearly by restricting the standard of barrollage, and using substitutes which are vastly more economical.'"

What Happened in U. S.

"If opinion in America is considered and can bring results in the British House of Commons, why should not opinion in Canada have the same effect? And it does not. It is not that anyone resented this, or that anybody called the American women ill-mannered either, although six million of them signed a petition protesting against the Government's protest the destruction of the grain in England at this time, when a food shortage threatens the world. We are too serious for quibbling. We are not in the least in the face, yet Great Britain has wasted in the manufacture of liquors and beer since the war began five million tons of grain. Are the Allies facing a food famine or are they bluffing us? If we believe the premises, we should go on to the conclusion that the straight way ahead of Great Britain, is to let us go to any limit to feed our allies, for we know that to western resolution, that is, sanity, which has been our long for help; but we do not like to think that while the children go hungry in England the brewers are growing rich. And we believe that we did represent the feeling of the great majority of Canadian women when we said in our resolution, 'Let us see to it that all of our grain is used for food.'"

Land of Hope and Glory

"Great Britain is the land of hope and glory to all of us. We do not need to speak of that. Her problems are not our destiny is intertwined with hers. Why should not the patriotic women of Canada who have sent their sons to fight her enemies abroad, and their voices in protest against her enemy who are the worst of the world, waste her food, saps her strength, impairs her efficiency and brings her down to the level of the 'horrors and burdens of war'?"

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LADIES WANT

and light sex or spare tire sent any dis sent stamp tional Man Montreal.

FOURM HURR

For service, bustel, Buck bay \$12.00 Terms postil Mullett, Moira F. O

WEST HALF

Con. Thulow Harrison Row 100 acres, balance in cultivation, leville, close phone and W. N. Badgley

Six pure line ready for sale

amount of \$200.00 Barley, A. P. Belleville, Ill.

TWO PURE

Bulgain, well Robert Simeford

There will be a

Church on a track of oil, gasoline Geo. Hoar

DEAF

FRANKLIN OR... Many other... Address: "HILL WATLING"

PRIVATE M

Mortgage... to love... to settle...

PAID

RAWD The Red Coat 13th, wag \$12.25 sell spen quilts an

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covered in... Crave the... with... horses a... heres bur... consider... Mr. Crav