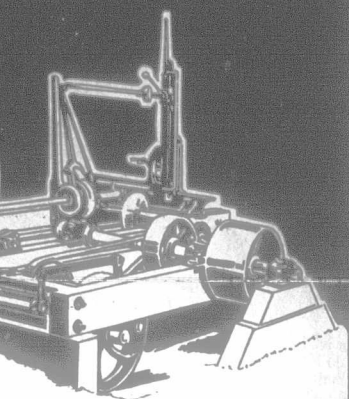


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on higher priced mills, that help you cut logs as they should be. What is more, the Vaters Portable is dead easy to set up, and to operate, and is built so strong that it keeps on cutting first-class lumber year after year without trouble.

profit in your trees, and in your neighbor's worth your investment in this reasonably priced, high-grade mill. Quality counts every day, and especially in lumber making, with prices as high as they are now.

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we ever bred from the famous sire, and Emmilines, they are all of a high up at Toronto show.

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ice dark roan, 15 months old. Roan Lady or direct from imported stock consisting of Pentines, Missies, Mysies, Butterflies, etc., is a fine specimen. Both Victor Stamford and R. R. No. 1, ERIN, ONT.

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are making an exhibit at Toronto and London on their return from the show. See our cattle as we are offering our OWN BREEDING for sale.

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Pure Scotch and Scotch-topped. Breeding unsurpassed. Number of thick, mossy heifers. Sound, Ontario

Shorthorns and Jerseys. 8 = a Clara-bred son of Waverley. Several fine females. Official records in our specialty. WESTON STATION.

ch and Scotch topped—Booth. Also five (5) bulls from ten to twenty months old, of the thick kind, good colors—reds and roans. Soundable.

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Five Scotch bulls, 16 months old, from good milking dams. Low-set, thick, deep, well scaled. You are invited to inspect this. G. ELORA, R. R. No. 1

Shorthorns and Leicester Sheep. Herd established 1855; flock 1843. Chief = 60865 = heads the herd. Young stock of Leicester sheep of either sex; some from Douglas, Caledonia, Ont.

Lincoln Sheep. of strictly high class quality and breeding. Lining bulls, show animals a specialty. Lining, of bulls, show animals a specialty. Weston, Ontario

SALE:—Three young bulls fit for service—well-bred Duchesses of Gloster. Two sired by Victor (imported) = 50093, = your choice for 10 shearing ewes, 2 shearing rams, 20 ram and a few ewe lambs. Come and see these choosing.

Bulls of serviceable age all sold; have some good ones a year old in September. Have and am offering females of all ages. Prices easy. Thomas Graham, R.R. No. 1, Elora, Ont.

SHORTHORNS. quality. Sired by Gainford Select (celebrated Gainford Marquis). SON, R. R. No. 3, Elora, Ont.

SEPTEMBER 2, 1915

Potato Diseases.

Editor "The Farmer's Advocate":

From time to time the Potato Blight, called generally "Late Blight of Potato" (Phytophthora infestans) recurs doing untold destruction to potato crops. It appears in this district in 1910, 1912, and appears again this year. It is a fungous disease which affects leaves, stalks and tubers. On dry seasons it rarely appears at all, and when it does, the attack is so slight that it passes unnoticed. Damp weather is very favorable to the development of this fungus and also to infection. It is called "Late Blight" because it usually occurs late in the season—about the middle of August. If potatoes have been regularly sprayed with Bordeaux there will be little, or no, infection in any season. Spraying is the only sure method of prevention of the trouble. But one difficulty of spraying is that, on wet seasons, when the potato tops are straggling all over the ground, frequent and thorough applications of the spray mixture are necessary, and this is a difficult matter.

However, when the blight does attack the crop seriously enough to be noticed, there is no remedy but to dig the potatoes. This should be done, no matter how green the tops may be, because in about ten days after infection is first noticed on the leaves, the tubers commence to turn black. When the tubers become infected it is too late. To save the crop, dig the potatoes and let them dry thoroughly—in the sun if possible—and then spread them out on the barn floor for three or four weeks. A little air-slaked lime should be sprinkled over the potatoes while on the floor. After this they may be placed in the cellar, but care should be taken to see that any showing signs of infection are culled out. The chief point to remember is that the disease can not infect a dry potato, and therefore, if the tuber is dug before infection, it is reasonably safe from infection.

Potatoes are not of the best quality when dug green, but it is surprising how they improve and how well they keep. If left in the ground until the usual time for digging, ninety per cent. will be rotten. By attending to the crop in time, then, would save the country thousands of dollars.

Another potato trouble which occurred here and there this year is a disease of the roots and stems caused by a fungus, very possibly Fusarium. This has been noticed in New Brunswick quite commonly, and also in Ontario. Wet ground is very favorable to the disease; and plants once affected wither away and are soon dead. Infection is not nearly so general as with the late blight, and the damage, consequently, is slight in comparison.

For this there is no direct remedy. Potatoes should not be planted after potatoes; and heavy land is more likely to harbor the disease than light land. Tubers from an infected field may infect the crop the following year unless the "seed" be treated with a fungicide. In fact it is a wise precaution to treat the "seed" regularly every year.

A disease quite similar to this, from the descriptions published, has been reported from two or three places in Ontario, but the accounts are so vague as to be of very little use. One author gave the very wise statement concerning it, saying it was caused by wet weather. Durham Co., Ont. J. B. DANDENO.

Senator Hear used to tell with glee of a Southerner just home from New England who said to his friend, "You know those little white round beans?" "Yes," replied the friend, "the kind we feed to our horses?" "The very same. Well, do you know, sir, that in Boston the enlightened citizens take those little white round beans, boil them for three or four hours, mix them with molasses and I know not what other ingredients, bake them, and then—what do you suppose they do with the beans?" "They?" "They eat 'em, sir," interrupted the first Southerner impressively; "bless me, sir, they eat 'em!"

THE FARMER'S ADVOCATE.

1425

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Three-Ply 1.85 Freight Paid

I saw an advertisement of The Halliday Company a few weeks ago offering Pure Asphalt Ready Roofing under a plain label 3 ply for only \$1.85 per square, freight paid to my station with nails and lap cement free. The advertisement said this Roofing was as good as regular trademarked Roofing of the same quality at upwards of \$3.00 per roll. This appeared to me a pretty broad statement but as the firm is a reliable one (I did business with them nearly 25 years ago) and as they asked for no money in advance I thought it too good a chance to miss. To my satisfaction I found the Roofing fully as good as advertised.

THESE MEN DID AS I DID, READ WHAT THEY SAY

Mr. R. R. Black, Nova Scotia. "Roofing arrived O. K. and was decidedly better than I expected. Send me ten rolls more of the same."

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Mr. Andrew Calder, Saskatchewan. The Roofing arrived in good condition and am more than satisfied with the quality.

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HERE IS YOUR OPPORTUNITY---RISK FREE

Where so many have dealt with satisfaction and profit you cannot fail.

You have read the statements of men who accepted our remarkable offer on Roofing. We told them, as we now tell you, that we will ship this Roofing on approval to any R. R. Station where there is an agent. If the Roofing is found to be as represented you pay for it. If not refuse it and tell the agent to write us for instructions.

Hundreds of men all over Canada have accepted our Risk Free Offer. Not one shipment of Roofing has failed to measure up to our statements. On the contrary many customers have written to say how much better the Roofing is than they expected it to be. It is all pure asphalt felt roofing, government standard saturation. Contains no tar or paper and has no sand or gravel added to make weight.

FREE SAMPLE BY MAIL IF YOU WISH—ADDRESS DEPT. 32

RISK FREE COUPON

Ship to me in your name and at your risk.....rolls 3 ply pure asphalt roofing, each roll 108 square feet complete with cement, nails and directions for laying. If I find this roofing equal to similar roofings selling at upwards of \$3.00 per roll I will pay for it at your special cut price of \$1.85. If not you take it back and I pay nothing.

If no agent at station send cash with order, money back if not satisfactory.
FREIGHT PAID ON SIX ROLLS OR MORE ONTARIO AND EAST.
To Western Canada we pay freight as far as Winnipeg.

My Name..... P. O.....
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HAMILTON Factory Distributors Established 1888 CANADA

Robt. Miller Still Pays The Freight
And in addition he can furnish great, strong thick fleshed Shorthorn bulls at a price that will surprise you. Many of them bred to head good herds and improve them. Many of them of a kind to get good feeders and great milkers, and all of them low down, thick and smooth with good heads and horns, that will grow into big weights and bring more money in the market than you are asked for them now. Some high-class heifers for sale too. Write for what you want.
ROBERT MILLER, STOUFFVILLE, ONTARIO

Escana Farm Shorthorns
For Sale—Herd header, one Red 15 months bull, Grandam Imp. he is a son of the noted sire Right Sort, imp. eleven of his get won 14 prizes at Toronto last fall. Visit our farm, see Right Sort and our this years show herd 12 head all by him.
MITCHELL BROS., BURLINGTON, P.O. ONT.
JOS. McCRUDDEN, Manager Farm 1/4 mile from Burlington Jct.

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21 SHORTHORN BULLS and as many heifers for sale. Write your wants.
You know the Harry Smith Standard.

Shorthorns and Clydesdales—We have five young bulls of serviceable age that we will sell at moderate prices. In Clydesdales we have eight imported mares with foals. We can spare some of these, and will sell them worth the money, or would consider some good Shorthorn females in exchange. We also have a two-year-old stallion and a pair of good yearling fillies.
J. A. & H. M. PETTIT (formerly W. G. Pettit & Sons), FREEMAN, ONT. Phone Burlington.

GLENGOW SHORTHORNS
For this season's trade we have the best lot of young bulls we ever bred. Wedding Gifts, Strathallans, Crimson Flowers and Kiblean Beauties, sired by Broadhooks Prime. These are a thick, mellow, well-bred lot. Heifers from calves up.
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The Salem Shorthorns
One of the largest collections of Scotch Shorthorns in America. Can suit you in either sex, at prices you can afford to pay.
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Blairgowrie Shorthorns
Having bought out two Shorthorn herds puts me in a position to have cattle suitable in breeding and ages for all who want to buy. Cows, heifers and bulls all fashionable bred.
John Miller, Ashburn, Ont. C. P. R. and G. T. R.

Shorthorns RICH IN BREEDING, HIGH IN QUALITY.
My herd of Scotch and Scotch-topped Shorthorns was never stronger in number nor in quality than now. I have the most fashionable blood of the breed in pure Scotch, as well as the greatest milking blood strains. Visit the herd. Also some right choice Yorkshires, both sexes. A. J. Howden, Myrtle, C.P.R.; Brooklin, G.T.R.; Columbus, R.M.D.
Having bought the SPRUCEDALE STOCK FARM, ST. THOMAS, ONT., my whole herd of 60 PURE-BRED DAIRY SHORTHORNS will be found at their new home "SPRUCEDALE STOCK FARM," instead of Janefield Farm, Guelph, as formerly. WM. J. BEATY, St. Thomas, Ont. always be welcome as heretofore.

Ourville Holstein Herd—The first herd in Canada to develop a 31-lb. cow. The only herd in Canada to develop 27 two-year-olds averaging 16.20 lbs of butter in 7 days. We have also developed 7 three-year-olds averaging 23.23 lbs. in 7 days. If you want a bull backed by Ourville reputation and records, sired by a 31.76 lb. bull, write us
LAIDLAW BROS., AYLMEER, ONTARIO

ONTARIO VETERINARY COLLEGE
Under the Control of the Department of Agriculture of Ontario
Established 1892.
AFFILIATED WITH THE UNIVERSITY OF TORONTO.
College will reopen on Friday, the 1st of October, 1915; 110 University Avenue, Toronto, Canada.
Calendar "A" on Application.
E. A. A. GRANGE, V.S., M.S., Principal.

SHORTHORNS
Present offering—20 cows and heifers and a few extra choice young bulls; they are bred so that they will produce money makers in the dairy and steers that will be market toppers and the prices are so low it will pay you to buy. Come and see them.

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Oakland—61 Shorthorns
For Sale—Our stock bull Scotch Grey 72892; one of the finest aged Roan bulls in Ontario, also 11 others from 6 months to 2 years old and a dozen females of the profitable kind.

Jno. Elder & Sons, Hensall, Ontario

SHORTHORNS
Three bulls, 11 months, a number of younger cows with their calves, cows in calf and yearling heifers for sale. Good individuals. Good Pedigrees. Inspection solicited.
J. T. GIBSON, DENFIELD, ONT.

Shorthorns and Swine—Have some choice young bulls for sale; also cows and heifers of show material, some with calves at foot. Also choice Yorkshire sows.
ANDREW GROFF, R.R. No. 1, ELORA, ONT.

SHORTHORNS, bulls, females, reds, roans, size, quality, breeding milkers over 40 years, cows milking 50 lbs. a day. The English, Rothchild's bull Mortimer in herd, the kind you want. Prices easy. Thomas Graham, R.R. No. 3, Port Perry, Ont.

Please mention "The Farmer's Advocate."