

Production! Production! Still More Production!

Produce More Crops by Removing all Your Stumps with a



In order to assist in relieving the shortage in foodstuffs and to enable our Government and that of Great Britain and other countries to feed the large armies in Europe you must make every foot of your farm produce its full share of crops. Read this and think as you never did before—how about that acre of waste, stumpy land down by the south fence? You haven't paid much attention to it—you have rather dreaded the work of clearing it.

Don't delay any longer

One man in his odd moments can pull all those stumps without other help than a

Kirstin Stump Puller

It makes no difference what kind of stuff you have to clear or whether you have one acre or one thousand acres the Kirstin method is guaranteed to clear your land from 10% to 40% cheaper than any other method. When you buy a Kirstin Stump Puller you get a guarantee bond which protects you against breakage—few or no flaws—for fifteen years and the helpful advice of our land clearing experts is at your command for all time. Look Into This Labor Saving—Profit Producing Device—used for sullied land.

"The Gold in Your Stump Land" and details of our profit sharing plan, which will be sent you without obligation. Sign the coupon and mail today.

A. J. KIRSTIN CANADIAN COMPANY
6234 Dennis Street, Sault Ste. Marie, Ont.
Largest Manufacturers in the World of Stump Pullers—Road and Road Press.

\$4275

and up.

30-2-17.

Kirstin One Man Stump Puller

A. J. KIRSTIN CANADIAN COMPANY, 5234 DENNIS STREET, SAULT STE. MARIE, ONT.

Send me a FREE COPY of "THE GOLD IN YOUR STUMP LAND" and full particulars of The Kirstin Method. The Money Back Bond. The 15 Year Guarantee. The Profit Sharing Plan.

NAME _____

Send me _____ inches: Largest _____ inches: Average _____ inches.

ADDRESS _____

Send me _____ Acres of Work (Pine, Poplar, etc.) _____ Acres of Stumps _____ Acres of Trees.

SENDING THIS COUPON OBLIGATES YOU IN NO WAY

"Farm and Dairy,"
Peterboro, Ont.

"Caledonia, Ont., March 26, 1917.

"Sales have been an extra good this season, and we value highly your paper as an advertising medium."

"Yours truly,

(Sgd.) J. W. RICHARDSON,
"Riverside Farm."

You, Mr. Breeder, can duplicate Mr. Richardson's experience in making sales to the 25,000 dairymen and dairy breeders who receive Farm and Dairy each week. Write us to-night for our liberal contract rates.

FARM AND DAIRY, PETERBOROUGH, ONTARIO.

SHIP YOUR BUTTER & EGGS

—to us. We are not commission merchants. We pay net prices and remit promptly.

THE WILLIAM DAVIES COMPANY LIMITED
Established 1854. TORONTO, ONT.

Complete Auction Sale—

25 HEAD Imported and Registered Horses

On April 26, Grenville, Que.

My entire stock of Percherons, Clydesdales, Belgian standard bred, half-bred, Hackneys and Thoroughbreds. In Percheron stallions, the champion LOIN (1901-9522), dark grey, and another noted prize winner, ROSCOE L. (1917-5164), black. CHANCELLOR (1879-5325), beautiful dapple grey. PRINCE OF PEACE (783), although up in years, is in fine condition and gives good satisfaction in the stud. In Percheron mares the champion MAIRIE (1932-1907), grey, due to foal May 1st to LOIN. HAZEL-THORN (4502) and ROSELINE (4503), a matched pair of blacks, half-sisters, two and three years old. We have other Percherons, which space does not permit us to mention. Clydesdale stallions, BARON'S KID (1942), PRINCE OF KARDLY (1876) and BARON ALBERTUS (18109). In Belgians we have some of the best blood this side of the water, including the champion six-year-old chestnut, POSENA, standard bred by TONY LAMBER. Dan ROSEY POSEY, the noted racing mare, bred by PRINCE VANTRINE KOENIGKE (1853), sired by SIR RAG APPLE KOENIGKE, a grandson of the noted PONTIAC KOENIGKE. This is one of the finest opportunities ever offered in the Province of Quebec to get good stock, as no reasonable offer will be refused. CHEN-VILLE is midway between Ottawa and Montreal on the C.P.R. and C.N.R. G.R. station, HAWKESBURY. TWO TRAINS EACH WAY daily. Long Distance telephone. C.P.R. leaves Ottawa 8.30, arrives Grenville 11 a.m. Leaves Montreal 8 a.m., arrives Grenville 10.13. Rigs meet both the trains on day of sale.

TERMS—Six months of good security for amounts up to \$500.00. Over that amount will make satisfactory arrangements day of sale.

J. E. ARNOLD

Grenville, Que.

Farm Management

Stumping 12 Acres

B. D. Kelly, Hastings Co., Ont.

MY experience has not been very large in connection with removing stumps. Last fall I cleared about 12 acres of land which was thick with pine stumps. They were all sizes up to 30 inches in diameter, and were both high and low, that is, some were cut off at the roots or level with top of the ground. With the assistance of another man, we did the work in five and one-half days, all except hauling off or putting into piles for burning.

To do this stump pulling I bought a No. 10 cable Kirstin one-man stump-puller, and used it with success. We took out over 800 stumps, and the soil was mostly sandy loam with clay hard-pan and clay and stones between the roots. I think this is the cheapest and quickest method of getting rid of Mr. Stump, for two men can pull a fair-sized stump in two to seven minutes with the Kirstin, and by using the cluster cable four or more small stumps or snags can be pulled at one time.

Suggestions From Dr. Zavitz

EDITOR Farm and Dairy.—Skilled labor throughout the Province is very scarce. The farmers of Ontario have an exceedingly difficult task ahead of them if they are to increase the production of the most valuable kinds of food materials in 1917. The following suggestions are offered in the hope that they may prove helpful:

1. Carefully plan the crop production for the season at an early date.
2. Thoroughly clean and grade the grain so as to procure the large, plump, sound and well matured seed.
3. Test the germinating power and the vigor of the seed before time to sow.
4. Overhaul implements and machines so as to be ready to start seeding early and to sow each class of crop at the best time for highest results.
5. Arrange for at least a small amount of such cultivated crops as beans, potatoes, turnips and corn.
6. Watch and destroy the weeds before they are able to make much headway.
7. Economize man labor by using three and four horse teams when possible.
8. Plan so as to make the best use of the unskilled labor which is available.

Copies of bulletins on "Farm Crops," "Field Beans" and "Potatoes" may be obtained from the County Agricultural Representatives or from the Ontario Department of Agriculture, Parliament buildings, Toronto.

Let us do our part as best we can for the good of humanity and for the prevention of a world's famine in essential food materials.—Dr. C. A. Zavitz, O. A. C. Guelph.

DON'T glut the market with light, thin and unfinished lambs. It would be more profitable to hold such and finish them during the winter months. A good ration consists of a mixture of equal parts ensilage and roots, two to three pounds; clover or mixed hay, two to three pounds; and a grain mixture starting at half a pound and finishing at one and a half pounds per day. A good grain mixture for this purpose consists of oats and bran, two parts each; linseed oil cake, one part, to which may be added toward the end of the fattening period two parts of corn.