

Putting on the Emergency Power in Farming, making Canada the Granary of the Empire

By H. H. BIGGERT, Hamilton, Ont.

THE history of all great wars has shown that the man at home behind the plow fought shoulder to shoulder with the man at the front behind the gun. In times past, without the first the latter would have starved, and without the second the former would have been destroyed.

Such a crisis has not yet come in the present conflict, but the silent appeal of the Mother Country to all her colonies has been heard around the world—an appeal for supplies, for bread, for hay, for horses, and for moral support.

Already across the border the American farmer is fortifying himself to meet the increased demand which will be made upon him for his produce. He is increasing his acreage and everywhere is re-echoing the appeal to him to improve his methods in order that his acreage yield may be increased. The impulse which is swaying him to answer the emergency call should meet with double response from the tillers of the soil in this country, where not only the dictates of business urge them on, but where there is the added incentive of the higher consideration of patriotism. As a man doubles his strength when tightly pressed, or an engine exceeds its rated capacity when forged ahead, so should the Canadian farmers multiply their energy and strive to excel their past good records as producers of the world's bread.

The recent appeal of the Honorable Martin Burrell, Minister of Agriculture, showed definitely the business advantage of beginning at once to prepare for a greater acreage of wheat. "The only way to get more wheat," said he, "is to properly and most carefully handle the stubble land. Let it be the determination of every farmer to make his wheat acres in 1915 yield as never before. It is certain that an increase of many millions of bushels can be insured if every farmer on the prairies will carefully consider the following suggestions and put them into practice immediately.

Summer Fallow

"Get the summer-fallow into good shape; let it be ready for the seeder the moment the snow goes, and put it into such shape as to be free from weeds ready to absorb moisture, and as far as possible from evaporation.

Stubble Land

"Every acre of stubble land in good enough shape to be fairly safe for wheat should be plowed right now; plow not less than seven inches deep, and deeper if the character of the soil and moisture content will permit; deep soils should be plowed deeply, shallow or light soils with a more shallow furrow; do the plowing well; every acre should be harrowed within two days after plowing and pack the land if possible after harrowing.

Spring Work

"Early seeding is the next consideration; make every preparation now and this coming winter, to lose no time when the spring opens; be sure the seed saved is clean, and of high germinating quality; get the best variety possible; do the work well at seeding time, cultivating or disking before seeding always means bigger and better crops, and in districts where the crops were a failure this year, the methods outlined above are particularly necessary."

We would emphasize especially the necessity of frequent disking, and the almost essential use of the land packer as a safeguard against drought. Many thousands of farmers, for the first time, last year staked their crops on the land packer, and owing to the unseasonable dryness which prevailed this season, it is estimated by many authorities that the use of this machine, wherever used, made a difference of 6 to 12 bushels per acre. At the price at which they are disposing of their wheat this year, the packer has proved an investment worth several hundred per cent to them the first year of its use.

Preparing the Seed Bed

In those parts of the country which do fall plowing and fall seeding, the way the seed bed is made and the way the sowing is done this fall will determine the crop per acre next year more than next year's rainfall, hot winds or frosts. In an experiment not long ago described by F. L. Peterson of the University Farm at Davis, California, he says:

"As the pressure for supplies becomes greater, it becomes more evident that the world cannot afford large farms skimmed over with careless culture. In an actual experiment a gain of 200 per cent which was made in the productiveness of a certain area, 100 per cent was found to be due

Water Tanks Below Cost, \$26.35 REGULAR PRICE \$35.85

These tanks must be moved out of our way to make room for fall stock of Bob Sleighs. They are made of the very best material and painted half round style with a flat top, and are standard in size and quality. Price, including two bunks, while they last. \$26.35

HAWKEY'S BOB SLEIGHS, \$28.50

Hawkey's Bob Sleighs are made of extra strong and heavy material, note size of stock used. Our sleighs are made of the very best quality of heavy steel. The spring steel used on the runners is of extra high carbon made especially to our order and has great wearing and easy pulling qualities. The bend of the runner is ideal. The weak point in other bobs we have strengthened in ours. The weakest point in the Hawkey sleigh is in the part where the start pins go through the runner; these we have strengthened by rivetting side plates on each side of the runner with three rivets. The start plates are also very securely fastened to the beam. Our sleighs are painted with two coats of red paint, striped and heavily varnished. Approximate weight 500 lbs. Takes 2nd class freight rate.



No. 1H—Hawkey Sleigh. Runners 2 1/2 in. wide by 6 in. deep and 7 ft. long. Beams 6 x 8 ins. Front bolster 4 1/2 x 5 1/2 ins. Hind bolster 3 1/2 x 4 1/2 ins. and 2 1/2 x 6 in. pole. The start pins are 1 in. held securely in place by extra heavy steel nuts. King bolt is 1 1/2 in. Ironed with 2 1/2 x 3/4 in. special carbon spring steel shoes. Price \$26.35

No. 2H—Hawkey Sleigh. Runners 2 in. wide by 6 in. deep and 7 ft. long. Beams 5 x 8 ins. Front bolster 3 1/2 x 4 1/2 ins. Hind bolster 3 1/2 x 4 1/2 x 4 1/2 in. pole. The start pins are 3/8 in. held securely in place by extra heavy nuts and king bolt is 1 in. Ironed with 5/16 x 2 in. special carbon spring steel shoes. Price \$28.50

Turn your Buggy into a Cutter for \$9.85 by using one of Hawkey's Knock Down Cutter Gears



Any ordinary buggy box may be quickly attached, making a thorough practical Cutter. Very easily attached, set up and easily dismantled. All wooden parts are selected hickory. Bent hickory runners 3/4 in. x 1 1/4 in. Bent hickory knees 1 1/4 in. square, re-inforced with 3/8 x 3-16 in. steel scroll braces. Steel shoes are 3/4 x 3 1/2 in. width of track 38 in., length over all 72 in., height 18 in. Shipped knocked down in order to save freight charges. Equipped with shifting bar which will take regular buggy shafts or pole. Complete ready to attach to buggy. Painted red and nicely varnished. Price \$9.85

\$1.85 UP FITTED PLOW SHARES \$1.85 UP

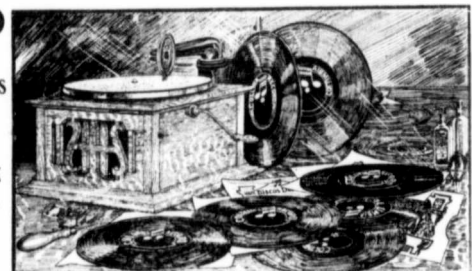
Write for Free Catalogue and Hawkey's Vest Pocket Book on Diseases of Stock and How to Cure Them, and Free Sample of Hawkey Stock Tonic. Use Hawkey Stock Tonic and Remedies

H. R. HAWKEY & CO.
Hardware Mail Order Specialists, WINNIPEG, Man.

The Wingold Hornless Talking Machine

now within your easy reach on Credit

\$7.50
Cash
puts this
Instrument
and Six
Records
in your
Home



YOU NOW are able to enjoy what was previously considered a rich man's luxury and even buy this machine of us on the wonderful credit terms of a third cash and a dollar a week during this special sale. Don't miss this opportunity to get a most welcome article for your home, as you don't know what pleasure it brings until you really have it. The Wingold will play all Flat Disc Records equal to any \$25.00 machine.

FREE RECORDS. With every order for a Wingold Talking Machine, we give absolutely free Six Double Disc Records. Send for Free List, select five—the sixth is a special record which we want you to have to show the possibilities of this wonderful instrument. Send us \$7.50 cash with order and we will ship you the outfit, you to pay balance \$1.00 weekly for sixteen weeks, Wingold Hornless Talking Machine, together with Six Free Records \$23.50

SEND FOR WINGOLD'S FALL AND WINTER BARGAIN CATALOG. TEAR OFF COUPON BELOW AND MAIL TO-DAY.

THE WINGOLD CO., WINNIPEG:
Send me your Bargain Sale Catalog.

NAME
ADDRESS

You saw this advertisement in this magazine. Don't forget to say so when writing.