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## Why Ontario Must Greatly Increase Production of Foodstuffs This Year

Dr. Riddell Tells How the Government is Planning to Help the Farmers and so Aid the Allies in the Effort to Free the World of German Militarism.

Kingston Industrial Agricultural Society held its annual banquet recently in the Hotel Frontenac, Kingston. Dr. W. A. Riddell, superintendent of the trades and labor branch of the Ontario Government, was the guest of honor, and spoke as follows:

"Mr. Bushell, members of the Kingston Industrial Agricultural Society, ladies and gentlemen: Never in any previous period in the world's history has more been required of this state and of the citizen than at the present time. It is a time when we realize that every individual must render the highest service they are capable of. Military organization is only one factor in national organization. Victory may rest with workers on the land. It is said that success will be with the country who can put the last million men in the field, but what use will they be if their stomachs are empty? The British food controller states that Great Britain looks to the food resources of Canada that will answer the German threat of starvation. Knowing only too well the critical situation that was likely to arise, Lloyd George has pointed out that the plot is our hope. In Europe production is falling off, due to the lack of fertilizer in part. The soil of Europe is the coming less productive because the times to build it up have not been forthcoming as it was before the war."

Canada's Share.

"In many countries, especially France, the women, old men and children are doing most of the agricultural labor. There are 1,250,000 less men in Europe at the present time than there were before the war. The lack of shipping makes it almost impossible that North America should supply all the grain and meat products that it possibly can. One vessel coming to North America for grain can make three trips in the same time it would take one to Australia. In view of the great need for shipping, Canada and the United States must supply an increasing food supply. For 1918 Canada and the United States must supply 250,000,000 bushels of wheat more than was supplied in 1917, the small ration that is kept up in the allied countries in Europe, and when we consider what the United States is likely to be supplying owing to the fact that the winter crop of wheat is much poorer than of previous years, it will be necessary for Canada to increase her supply of wheat 180,000,000 bushels. This means that where we planted seven acres last year we will have to plant ten acres this year. In parts of the west that cannot be done. So the eastern provinces will have to make up the acreage that will be required to make up the increase of wheat that is necessary."

More Help Needed.

"The government felt last year that it should do what it could to increase the acreage in Ontario. Some 128 tractors were purchased so that the farmer would be able to see the various makes of tractors in their own country. The tractors were in various stages of development, having weak spots here and there. They gradually found out two or three makes that were most successful and adapted to our soil conditions in Ontario. Some were not very successful. It was very difficult to get experienced operators. It was hard to get a man who knew how to run the machine, to keep it running, who knew the gas and plowing end. But on the whole the tractor has come to stay and it has meant much to increased production in Ontario."

"With the food situation as serious as this, and food production as essential as it is, no effort or sacrifice is too great to secure increased production."

### IF YOU PLANT TREES OBSERVE THESE RULES

City Dwellers, as Well as Farmers, Will Be Interested in These Points.

If the roots of a tree are frozen out of the ground and thawed again in contact with the air the tree is killed.

If the frozen roots of a tree are well buried, filling all cavities before thawing, the tree will be uninjured.

Never place a tree in contact with the roots of trees in planting.

Set trees as deep as they were originally.

A small tree at the time of transplanting will usually come into bearing sooner than a large tree planted at the same time.

Constant, clean and mellow cultivation is necessary for the successful growth of a peach tree and it is as necessary for a young plum tree, but not quite so much so for an old plum tree; it is nearly as essential for a young apple tree, but not so much so for an old orchard.

A small, compact, smooth earth mound a foot high around the stem of each young tree will afford protection from mice.

The roots of a tree extend as far on each side as the height of the tree and cultivation should extend over this entire surface.

Watering a tree in dry weather does more harm than good unless the soil is thoroughly moistened down to a considerable depth. Light watering crusts the surface, which should be kept mellow, or if this cannot be done mulch with straw or manure; flat stones will afford a mulch that is better than a hard crust surface.

If trees are received in a shriveled condition, make a shallow trench and lay them in, filling up the trench so the whole tree will be covered with earth. Allow them to remain buried for several days and if the trees have any life in them they will swell up and become plump.

Do not water trees before the leaves

At the very heart of the food problem comes the labor problem. If our army is to go hungry it will not be for lack of farm land, plowing equipment or farm management, but for lack of farm labor. If farmers, like city people, would become organized or united as business men, the difficulty in getting labor supplied to the farmer would be in a great measure solved. Ontario alone will require 40,000 additional persons on the land if we are able to effect the increased production in 1918.

The Germans Thought Wrong.

"I was in Germany in 1912. One day I took my kodak and went to see some of the historic places out from Marlow and thence up in the hills. I saw a little stone house, beautifully situated and was just about to snap a picture of it when a man came forth from the house in a soldier's uniform, dressed in a uniform, and seven soldiers stood forth. Feeling a little uncomfortable, being caught with a kodak I tried to explain that I was a tourist. The officer said to me 'You speak English, I am from Milwaukee.' I asked him what he was doing there in the army. He replied that his father was a German and his mother was a German, and when father died mother wanted to go back home to Germany, and in Germany one must be in the army to get up in the world. Once you get to be a captain you can marry in the best families. They told me of their navy and their army. We walked back to Berlin. I asked for a glass of milk instead of beer and they said 'you must be a Canadian.' As I was getting up from the table a man touched me on the shoulder and said, 'We heard you say you were a Canadian and we are greatly interested in Canada. Would you accept an invitation to a cafe this evening? A number of our friends would like to talk with you from Canada. Well, they pumped me dry until 2 o'clock in the morning as to why Canada was giving \$25,000,000 to the British navy. They replied that England has helped us to develop our country. We are largely a food-producing people, we ship our grain and feed annually and we need the shipping and trade routes protected and England has always protected us in that way. They said, we will protect your trade routes and we will carry your grain, too. But, I said, England's capital has helped us to protect our country."

They said we will loan you capital. Well, I said the real reason probably is this, my father's father was Irish, my mother's father was English, my mother was Scotch and I am English, and we love England and love to serve her. Well, why did we like to be a small province instead of a part of the greatest empire in the world? Do you think a Canadian would fight for England? I said you remember what we did in the South African war. Then they wanted to know what I thought about giving ships. Would we give England many? Well, I said, I did not think we ought to sponge on England and not pay our share of the upkeep. Well, they did not know why England should rule the world with 40,000,000 population while they had 170,000,000. The point brought out was this: 'We have made ourselves safe. We have protected our food supplies in case of war and we can maintain our food production in our own country and if we can hold up the British navy for 40 days we can starve Germany.'

I am here to fight Germany and I am here to fight her with this food production, and we can beat Germany with this food production game. We accepted this war for an object and a worthy one and it will end when that object is attained, and I hope it will not end until that time.

If the weather is dry, water the bark, stem and branches frequently. Trees in leaf and rapid growth may be watered at the roots if watered thoroughly.

Young trees will be benefited by spreading manure over the roots in the spring, covering a radius equal to the height of the tree; spade this manure in in the autumn and cover with fresh manure, which should be spaded in in the spring.

Young trees should not be set in grass fields, or sowed grain or clover. Potatoes, carrots and low crops that are well cultivated may be raised among young trees.—New York Sun.

### FARM IMPLEMENTS REPAIRS OF ALL KINDS

GEO. W. SMITH COMPANY  
Cor. Jarvis and Duke Sts., Toronto

WANTED LIVE  
Also Poultry of all kinds  
WALLER'S, 711 SPADINA  
TORONTO

BRADFORD.

The Bradford and West Gwillimbury Agricultural Society are going into the standing field crop competition this year.

During the mild spell the hens have started laying, much to the annoyance of packing houses, who have 'steep million dozen of ripe hen fruit all nicely stored away.

William Black has purchased John Jackman's farm. Mr. Jackman will reside in Chateaufort. Mr. Black will reside in Shaw's farm. Mr. Shaw intends to leave for the west about the middle of March.

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## Condensed Information for Farmers and Their Clubs

News of the Crops and Farms From All Parts of Ontario.

### BRAMPTON.

The Peel County and Brampton Poultry Association has elected the following officers for 1918: Hon. presidents, W. J. Lowe, M.L.A., and S. Charters, M.P.; president, Wilbur Thompson; first vice-president, C. E. Fendley; second vice-president, W. J. Bartlett; secretary, Edward Gregory; treasurer, W. B. McCulloch; committee, J. Fendley, Wm. Dale, Chas. Cuthbert.

C. M. McCollum and Dixon Rutherford left on Tuesday with two carloads of horses for the west. They will be absent about four weeks.

### PICKERING.

The South Ontario Board of Agriculture has arranged for two important public meetings at Pickering. The first on Monday, March 4, and at Brimingham Township Hall on Tuesday, March 5. These meetings will be addressed by W. F. Kydd, fruit branch, Toronto; J. W. Clark of Carnville, Ont., one of the most extensive poultry raisers in Ontario, and Dr. Mary McKenzie Smith of Gravenhurst. Moving pictures will be shown at the evening meetings. Every one should make an effort to attend and not miss these treats.

H. G. Wilson has rented the Bagshaw farm, which is about to be vacated by Donald Munro.

The women's institute will meet at the home of Mrs. Byron Field on the afternoon of Monday, March 4. Dr. Mary McKenzie Smith of Gravenhurst will address the meeting.

### CLAREMONT.

On Monday last Walter Ward bought a thoroughbred cow and calf from James Walker of Monrovia.

Quite a large number attended the auction sale of feeding cattle last Monday at the Wilson House. As the prices offered were not high enough the sale was withdrawn after a number of the smaller animals were sold.

### MELANCTHON.

The purchaser of the east half of lot 3, con. 3, O.S. Melancthon (the property of F. H. Silk and John Large) was Wm. G. Noble, of Masonville (route 3, Shelburne).

### PARKHILL.

Henry Turner shipped a car of horses on Tuesday to Cupert, Sask. Lloyd Dixon accompanied them.

### SPRINGVALE.

The Springvale Beef Association will open the season on March 4, the first beef to be supplied by W. J. French and W. Bell.

### BOSANQUET.

J. S. Lampan will put in the first beef this season for the Ridge Tree Beef Association. The season will open March 5.

### MONO.

Robert McKinn has sold the west half of lot five, concession five, East Mono, to Elgin Williams of Caledon for \$6500. Samuel Shaw, who recently sold his farm in Mono, has bought the south half of lot 13, concession 12, Tecumseh, from Milton Reynolds.

### MAYBURNE.

Charles McLean has sold his farm at Mayburne to Hugh Warner of Westland County.

Owners of maple groves are starting to get their sap buckets and spiles in shape for the big run of sap which is anticipated this spring.

LEARN TO SEE THE GOOD.

We must learn to see the good in the midst of what that is unlovely.—George Eliot.

## RENNIE'S SEEDS For Better Gardens

"EVERY back yard should be used for the cultivation of fruits and vegetables," says the Food Controller's Bulletin. Market Gardens must be worked to capacity. But all this effort is wasted unless the seeds sown are capable of producing sturdy, vigorous plants. Plant Rennie's War Garden Seeds and insure a full crop!

For Planting Mar. 1st to Apr. 15th Order Now!					
Cabbage	Danish Summer Roundhead	.10	.....	0.90	2.75
Cauliflower	Rennie's Danish Drouth-Resisting	.15	4.25	1.00	1.85 3.50 10.00
Celery	Paris Golden Yellow (Extra Select)	.15	.50	1.70	2.00
Onion	Rennie's Extra Early Red	.05	.35	1.00	3.75
Radish	Cooper's Sparkler	.05	.20	.65	2.20
Tomato	Market King	.10	.60	1.75	2.50
	Rennie's Improved Beefsteak	.10	.75	2.50	
Pansy	Rennie's XXX Exhibition Mixture	.....	.25		
Pea	Rennie's XXX Banner Mixture	.....	.15		
Nasturtium	Rennie's XXX Chameleon Mixture	.....	.10		
Stocks	Rennie's XXX Large Flowering Globe Mixture	.....	.20		

LOOK FOR THE STARS

Our 1918 Catalogue should be in your hand by now. It is your patriotic duty to consult it at every opportunity. Our Government issues it must produce more. Start right, then, and be sure and now good seed—RENNIE'S SEEDS. Look for the special star border bargains in our Catalogue—it will pay you to do so.

THE WILLIAM RENNIE COMPANY LIMITED  
KING & MARKET STS. TORONTO  
ALSO AT MONTREAL, WINNIPEG, VANCOUVER

### UNDERSTANDING

F. A. Senecal of Plantagenet, a French-Canadian speaker at the Ontario Food Roads Association's convention in Toronto last week, considered that his participation in the program was significant of a better understanding and closer association between the different sections of the Canadian people. He quoted the following lines as worthy of consideration of his hearers:

If I knew you  
I would know me  
How little we  
Would disagree!

But never having  
Yet clasped hands  
We sometimes find  
To understand

That we all want  
To do what's right  
And treat each other  
"Honor bright!"

How little we  
Would disagree  
If I knew you  
And you knew me!

THORNHILL.

Edwards Grainger of Deer Park will give his illustrated address on "The Ways and Habits of the Honey Bee" at the next meeting of the horticultural society. This address was postponed in February on account of an accident. It will be well worth hearing. If you are interested in fruit, vegetables, flowers or bees there will be something you can learn. Tuesday, March 5, at 8 p.m. in Victoria Hall.

HORNBV.

Clifford Claridge of Hornby has purchased the Sacer homestead, being part of lot 7 in the 14th concession of Trafalgar Township.

BARRIE.

At Barrie a farmer was offered \$16 for a load of wood. He refused to sell for less than \$20. He left the load on the market and went to put his team away. When he came back there wasn't a stick of the wood left.

EAST GARAFAKA.

W. H. Reid has purchased the west half of lot 7, con. 19, East Garafaka, from Angus Norris, for \$6800.

GUELPH.

Mr. McAllister of Guelph has purchased 100 acres in Erin Township belonging to Duncan McLean.

GLENELE.

John Smith of Glenelg, who recently married Miss Johanna Heaney of Nenagh, has purchased Miss Margaret Canavan's farm, and they will start farming there in the spring.

FOREST.

W. Caldwell of Centuria shipped two carloads of hay from Forest. The annual spring horse show of the Forest Agricultural Society will be held on Thursday, April 25.

J. Digory, who has been a resident here for several years, has gone to Stratford to reside, where with a friend he will go into the gardening and greenhouse business.

CHATHAM.

Hogs on the Chatham market have reached \$20.25 per hundredweight, the highest price in the annals of the local market. The record is attributed to the shortage and to the desperate efforts of the packers to secure hogs. One large hog sold on the market realized \$107.

### CARE OF SWINE

At a time when every person who can is being urged to raise a pig, a pamphlet reprinted by the live stock branch of the department of agriculture at Ottawa, entitled "Feeding and Housing of Swine," comes most opportunely. The pamphlet, which can be had free from the publication branch at the federal capital, contains sections by three of the leading authorities on the subject in Canada. The first of these is Professor G. E. Day, formerly of the Ontario Agricultural College, who writes on the selection of the bear and sow and the management of both and of the young pigs. The second is Mr. E. S. Archibald, Dominion animal husbandman, who deals with the farmer's cheap pigsty, supplying diagrams of appropriate buildings with dimensions and other useful particulars. The third is Mr. G. B. Rothwell, assistant Dominion animal husbandman who deals with the same subject, but from a different standpoint. He describes a cheap, portable hog cabin that can be built and utilized by practically anybody who is willing to take the trouble. Illustrations of the cabin and diagrams with specifications are also given.

WESTON.

Reg Cowan, son of Mr. Ben Cowan, left on Monday, Feb. 25, for Harding, Man., where he intends taking up farming and stock raising. The farm is owned and occupied by W. H. English, to whom the C.F.R. last year awarded the gold medal for having the finest 1000-acre farm in the district.

GEORGETOWN.

Samuel Trimble has sold his 100-acre farm on the 8th line below Georgetown to an Erasmus farmer.

HALTON COUNTY.

The Aikens homestead changes hands again. John McDowell sells his 200-acre farm, being lot 3, concession 4, Esquewaug Township, Halton County, to Wilfred Snow. This farm has the reputation of being one of the cleanest and best farms in the County of Halton.

HORSE OUTLOOK GOOD.

"I have been following the horse market rather closely for some time past," said G. H. Williams, district representative of the department of agriculture for Durham County, Port Hope, "and as a result of my observations have concluded that the outlook for horse breeders was never brighter than it is just now. In spite of the advent of the motor, more horses are being used for carriage purposes in cities than at any previous time. Both the horse and the motor have a place in this business."

MAKING MAPLE SUGAR

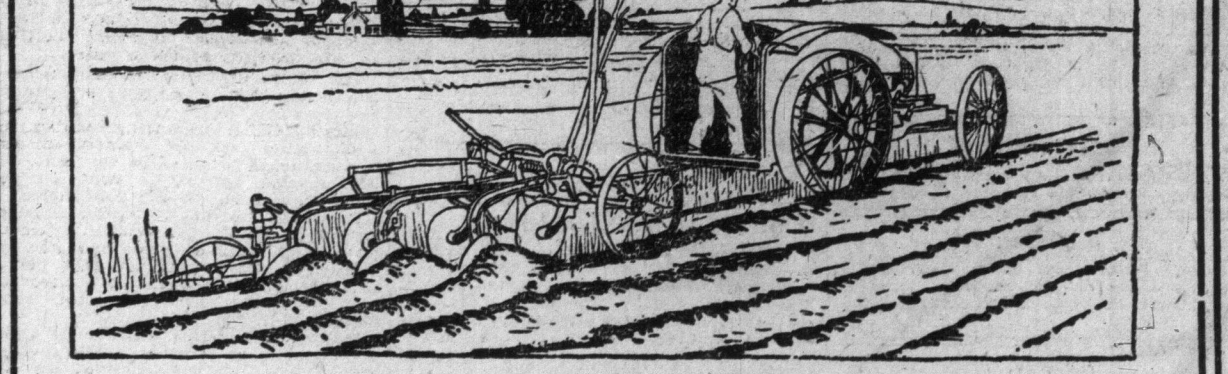
The appeal of the food controller to produce large quantities of maple sugar and maple syrup this spring should receive a ready response from those who have groves of maple trees. While maple sugar can be made as it was in the early days of settlement, with very simple apparatus, the work is greatly reduced and better products made when a modern equipment is utilized. For the instruction of those not entirely familiar with advanced methods, the publications branch of the department of agriculture at Ottawa has issued bulletin No. 2-3, entitled "The Maple Sugar Industry in Canada." By text and illustration it makes very clear the operation of a maple sugar plant. The time to tap, the utensils to use, the refining and handling of the product are all dealt with. This bulletin is available for distribution to those who apply for it.

THE WIRE FENCE IS KING IN THE COUNTRY. Fence rails make excellent quick-fire and hot-fire fuel, and there are quantities of rail fences waiting to be replaced by wire. Possibly never again will farmers be able to sell old rails at more than the original cost. We heard the other day of a farmer peddling rails at 60 cents each. This was an exorbitant price, and it was cruel to take advantage of the necessity in that way. But at a reasonable figure the rails might be made to pay for wire enough to take their place. The sooner the rails give place to wire the better for the farmer, too. A townsman can get out the old buck-saw and enjoy the best bodily exercise in the world saving the rails into stove-lengths. Farmers who have rails to sell should lose no time making the fact known. If we mistake not it takes about sixty average-sized fence rails for one cord of 4-foot cord wood.—Canadian Statesman.

## "Nothing is great except by comparison"

It's "ALL PHONOGRAPHS IN ONE"

Toronto: Stanley's Brunswick Shop, Hamilton: Thomas Watkins Limited, "The Right House," London: The Brunswick Shop, 328 Dundas Street, Brantford: H. Judson Smith & Co.



## Big Implements will Make Up

for the Labor Shortage

ONLY in one way can the situation created by the present scarcity of men be met, and that is by the use of large Machinery which will enable one man to do what formerly required two or three.

This is especially true of farming operations, and just now, when increased production is so important, the use of Labor-Saving Implements cannot be too strongly urged.

Whether you want Implements for use with horses or with Tractor we can supply your needs, and you can rest assured that you are getting the best Implements that the highest-grade of

Materials, unsurpassed facilities for Manufacturing, and an experience of over 70 years can produce.

Plowing, Harrowing, Seeding, Cultivating, Haying, Harvesting, Grinding, Wood Sawing, Hauling, Spreading, Cream Separating—for all these various jobs we can fit you out to your entire satisfaction.

You owe it to yourself to get the very best in Implements, so that your efforts may be most effective, and we are satisfied that, if you investigate carefully, the

"MASSEY-HARRIS"

Line of High-Grade Farm Implements will be your choice.

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