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TO make your machine separate more thoroughly, run easiest and prove most durable and dependable, lessen gear wear with Standard Hand Separator Oil. Does this special work especially well. Feeds quickly into the close-fitting bearings; does not gum; prevents wear, rust and corrosion. Use no substitute.

Correct lubrication of your cream separator is just as essential as for your other farm machines.

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IMPERIAL OIL LIMITED
BRANCHES THROUGHOUT CANADA

Standard Hand Separator Oil

"Goes Like Staty"

WE WANT TO DEMONSTRATE ON YOUR FARM

We will send a Gilson Engine, any size, without charge, to any responsible farmer in Canada to try out on his own farm, at his own work. Write for further particulars of free trial offer, catalogue, and special introductory prices.

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367 York St., Guelph, Ont.



Fill Your Silo Yourself with an International Ensilage Cutter

TAKE NO CHANCES This year on getting your ensilage into the silo at the right time.

The following table shows the sizes and capacities of the five types of International ensilage cutters. There is, you see, a size for every farm—a size to fit your needs.

Type	Feed Through Silens	Capacity per Hour	Power Needed	Length of Cut	Speed
A	16" x 6 1/2"	16-25	20-25 H.P. M.	3/4" to 1 1/4"	500-700 R. P. M.
B	14" x 5 1/2"	12-16	15-20 "	3/4" to 1 1/4"	700-800 "
E	11" x 4 1/2"	10-12	10-15 "	3/4" to 1 1/4"	800-900 "
G	11" x 5"	8-10	8-10 "	3/4" to 1 1/4"	900-1000 "
F	9" x 3"	3-6	4-6 "	1"	1000-1000 "

All International cutters are of the knife or blower type—simplest and requiring least power. All are equipped with a corn chute for feeding from the wagon. Steady power feed insures even cutting, silage packs properly and keeps. The low speed at which they run, and the safety devices on the machines insure the safety of the operator.

Send for full information on any of the cutters listed above. Write to the nearest address given below.

International Harvester Company of Canada, Limited
BRANCH HOUSES

WEST—Brandon, Man., Calgary, Alta., Edmonton, Alta., Estevan, Sask., Lethbridge, Alta., N. Battleford, Sask., Regina, Sask., Saskatoon, Sask., Winnipeg, Man., Yorkton, Sask.
EAST—Hamilton, Ont., London, Ont., Montreal, Que., Ottawa, Ont., Quebec, Que., St. John, N. B.

Western Irrigators Meet at Nelson

The Largest Gathering But One in Five Years

ONE of the most important gatherings having to do with food production in Western Canada has just come to an end at Nelson, B.C., where the Western Canada Irrigation Association held its twelfth annual convention on July 24, 25, and 26. The selection of the city of Nelson for such a convention is in itself an indication of the growing interest which Western Canadians feel in irrigation as a means of increasing agricultural production. Nelson is not in the arid or semi-arid belt, yet, even with the generous rainfall which prevails there, irrigation has been found to be of great value. The experience at Nelson seems to indicate that in years to come many districts which do not now recognize the need of irrigation will employ it extensively.

Hon. T. D. Pattullo, Minister of Lands and President of the Western Canada Irrigation Association for the season of 1917-1918, presided over the convention for its first day, and Hon. Senator Bostock, of Ducks, B.C., vice-president, presided during the following days. Among the visitors of note were Hon. Duncan Marshall, Minister of Agriculture, Alberta; Hon. W. R. Motherwell, Minister of Agriculture, British Columbia; John Oliver, Premier of British Columbia; Hon. E. D. Barrow, Minister of Agriculture, Victoria; E. F. Drake, Superintendent of Irrigation, Ottawa; Don H. Bark, Chief of Irrigation Investigation Department of the C.P.R.; M. S. Middleton, Victoria; James White, Assistant to the Chairman, Commission of Conservation, Ottawa; A. Griffin, Supt. of Operations and Maintenance, Eastern Section, C.P.R. Irrigation Block; R. H. Campbell, Director of Forestry, Ottawa; J. A. Grant, E. C. Markets Commissioner; Dr. Ernest Thomas, Vancouver, and many local authorities from districts in British Columbia. The accredited delegates numbered 182, besides many visitors, which, with one exception, is the largest attendance at a convention of the association in the last five years.

Although the purpose of the association is primarily to promote the production of food by means of irrigation, it is also deeply interested in the twin method of agriculture dry farming. It is now generally recognized that irrigation and dry farming, instead of being rival methods of agriculture, are really closely related, and in many cases both methods are practiced by the same farmer. One of the most interesting addresses at the convention was that delivered by Hon. W. R. Motherwell on the subject of dry farming. Mr. Motherwell strongly deprecated the agitation to bring every possible acre under cultivation. Quantity without quality was merely a waste of labor, and in some cases an actual loss of food, as seed was sown which never reproduced itself.

Hon. Duncan Marshall in a stirring address appealed for greater interest in live stock raising. The salvation of agriculture lay in good stock, and the best type of citizen which the country produced was the stock farmer. After the war there would be an inevitable slump in the price of grain, but the depletion which has taken place in the live stock supplies of the world would assure the stockman of continued high prices.

The necessity of making provision for meeting our national obligations which provision can be made only by increased production—was emphasized by Hon. John Oliver. Dry farming, irrigation, and every other method of production must be employed to this end. Financial problems after the war would be greater than during the war, and it was of

the utmost importance that the Canadian people should produce more and consume less. Other addresses of high order were heard, the speakers representing points from Ottawa to Victoria.

The Election of Officers.

Hon. Patron: His Excellency the Governor General of Canada; President, The Hon. Minister of the Interior of Canada; 1st Hon. Vice-President, Hon. W. R. Motherwell; Minister of Agriculture, Vancouver; 2nd Hon. Vice-President, Hon. Minister of Lands, British Columbia, Victoria; Hon. Minister of Agriculture, Alberta; 3rd Hon. Vice-President, H. Bostock, Ducks, B.C.; 4th Hon. Vice-President, G. R. Marlock, President of the British Columbia Association of Trade, Lethbridge, Alberta; 5th Hon. Vice-President, Hon. Minister of Agriculture, Executive, British Columbia, Minister of Agriculture, Victoria; 6th Hon. Vice-President, G. Sterling, Kelowna, British Columbia; 7th Hon. Vice-President, B. C.; Jas. Johnston, Victoria, B.C.; Walter Hackley, Medicine Hat, Alberta; F. H. Peters, Calgary, Alberta; A. S. Dawson, Calgary, Alberta; R. J. C. Stead, Calgary, Alberta; F. E. R. Woolston, Victoria, B.C.

Invitations to the association were received from Brooks, Alberta; Medicine Hat, Alberta; and Lethbridge, Alberta, at those respects the 1919 convention at these respective points. The invitation of Medicine Hat was accepted.

The following resolutions were adopted: That this convention desires to invite the urgent attention of the British Columbia Government to the spread feeling in the irrigation districts of this province that the irrigation systems in the British Columbia should be brought under government ownership and control.

That the Western Canada Irrigation Association respectfully request the British Columbia Government that, before passing any proposed legislation dealing with the water question, opportunity should be given to those interested to become familiar with the proposed amendments.

Whereas—The Policy of the Government of British Columbia in utilizing the ranges on the interior of the province to a much larger extent than hitherto, necessitates an unusual area of irrigated lands in order to provide winter fodder. And whereas—valuable breeding stock must be slaughtered because of turpitude. Therefore, be it resolved that the British Columbia Government be requested to consider making immediately extensive surveys as to the location of ranges well suited to irrigated lands suitable for irrigating and steps be taken to bring said lands under water either by the Government undertaking the work or by community work, or any other effective organization, but always under the control of the Government. The cost of this work to be a charge upon the land so irrigated.

That the association respectfully recommend to the British Columbia Government that enquiries be immediately set on foot to discover views in interior points well grass on the best for hay and the best means available for stock during the winter.

Submitted by the Comstock bridge water users association. Whereas in certain provinces provision is now being made for establishing an association of users of irrigation waters requires that such association be assented to by the company or individual holding the irrigation rights. That the Western Canada Irrigation Association of

(Continued on page 4)

We Welcome

Trade Increases

VOL. XXXVII

ONE of the best of the 1914 lives on and Paris. These, usually during the work were men-of-war form, with the excusable and incidentally are grown if the work is all handled in the proper way, but not yet being old in the farm operation the work is done, efficient equipment

season of my last having bricks as a As he went on to answer to my question a good idea has mixed farming. "I have not yet decided as to the size of this one out the motor for a while on the 1st in favor of it. We are at present my used with horse power

"Let us take the continued Mr. Good purpose walking plow more than one. The riding plow for the arrow plow will do with one man's job, and leaves me alone around the fire were depending a. For instance, with a at a round! I may be

"I have another plow I had it made especially for plowing. This plow is a Morson and I believe there is some type on farms used extensively.

"The Spring-Tow working up would place the risk first in my estimation touched cultivator, or preference is still for which one can't imagine any placement. It works as double disk harrow.

with the riding cultivator. These have left us a very good grass if it were Mr. Good passed it for the best tier of work. The line had been very have a double disk for four horses, but it is a short time. If I have a cultivator and we, I believe I would ever, I have a smoothing a good load for three or four cultivator as a new used one for a number of use crop, and winter