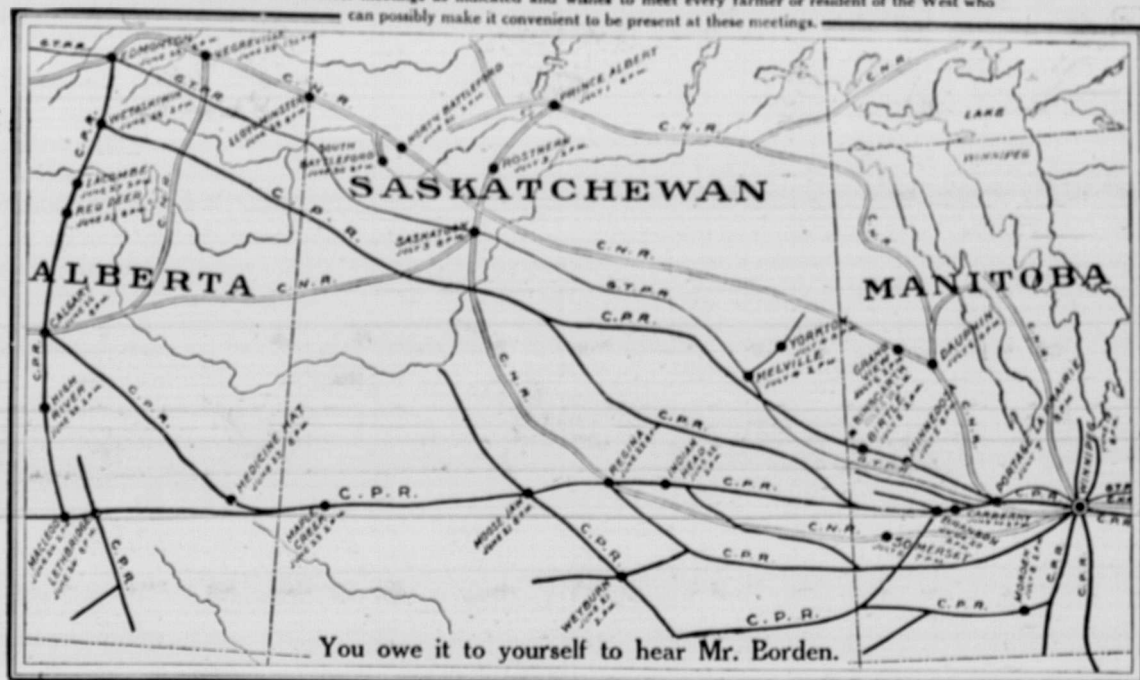


TOUR OF THE WEST

By R. L. BORDEN, M.P., Leader of the Conservative Party

Mr. Borden will address meetings as indicated and wishes to meet every farmer or resident of the West who can possibly make it convenient to be present at these meetings.



tion of the engine noted. Also the mean effective pressure developed in the cylinder will also be taken into account. After the two hours' run a test will be made of the maximum horse-power the engine will develop for thirty minutes; careful measurements again being taken of all the fuel and water.

Plowing test shall extend over a period of five hours or longer if deemed necessary by the judges. The contestants may use any kind of plow they wish. The depth of plowing to be uniform, and as directed by the judges. A recording dynamometer will be placed between the engine and the plow, which will accurately record the pull. Careful measurements will be taken of the fuel and water used; the acres plowed; the drawbar pull; the fuel per acre; the distance travelled without replenishing, and such other data as the judges deem essential. At least one two-hour chart spread over the time of plowing must be made by each contestant engine.

Design and Construction.—Under this head will be considered the protection of the working parts from mud and dust; dust-proof bearings; accessibility of all parts, such as valves, igniters, bearings, fuel and water tanks; facilities for washing out the boiler; cleaning grates and tubes; ease of manipulation, such as starting and stopping, reversing and the general handling of the engine; the clearance of working parts from the ground; the proportion of the various working parts of the machine and the materials of construction; the workmanship and method of lubrication.

General Rules

It is to be expressly understood and agreed by the manufacturer that the engines entered in the competition are of the same material and construction as those he is selling in the open market. Only such pressures and speeds will be allowed during the tests as are used under ordinary working conditions. The judges may limit the speed or pressure of any engine when they deem it necessary to a fair test. Contestants must submit their dynamometer, steam gauges, etc., to such tests as the judges deem necessary to assure them of their accuracy. The competitors, upon being given notice of the testing of their engines, are to make all arrangements for water, belts, etc., so that as little delay as possible will result.

The following are points upon which the awards will be made:

SCORE CARD

	Internal Combustion Engines	Steam Engines
Brake Test (150)		
Horse power hours per unit of fuel used	100	100
Water used per hour, gals. % of capacity	15	10
Efficiency as taken from the mean effective pressure	15	10
Steadiness of running, vibration, condition of engine	20	10
Horse power hours per 100 gals. of water	20	20
Maximum Test (50)		
Economical load compared with maximum	20	20
Condition of the engine	30	30
Plowing Test (200)		
Fuel used per drawbar, horse power hour	100	50
Water used per drawbar, horse power hour	20	30
Acres plowed per hour per B.H.P.	20	20
Quality of plowing	20	20
Distance travelled without replenishing fuel	15	15
Condition of engine stops, etc.	25	25
Design and Construction (100)		
Protection of working parts	20	20
Accessibility	20	20
Variation of speed	20	20
Easy manipulation	20	20
Design, materials of construction	20	20
	100	100

Prof. A. R. Greig and L. J. Smith are the engineers in charge of the entire test.

DRY FARMING CONFERENCE

Colorado Springs, June 21.—Five famous agricultural educators have signed a call for a conference of all those engaged at work in agricultural schools and experiment stations for the purpose of discussing "dry farming." Those making the call are Liberty H. Bailey, director of agriculture at Cornell University;

Dr. J. H. Worst, president of North Dakota Agricultural college; Dr. Chas. A. Lory, president of Colorado Agricultural college; Dr. John A. Widstoe, president of Utah Agricultural college; and Hon. Duncan Marshall, minister of agriculture for Alberta, Canada. The conference is called for October 16 to 20 in this city at the time of the meeting of the International Dry Farming Congress and Exposition to be held here. Leading agricultural scientists will be gathered here at that time for the Congress and the great Exposition of dry-farmed products will afford opportunity for study and comparative work. "Dry farming" is the term now commonly applied to agriculture in regions where the annual rainfall is less than twenty inches, and this is the first recognition of it by agricultural schools as a national question. The call is issued to national, provincial and state agricultural departments and schools throughout the world where agriculture is taught.

REDISTRIBUTION BILL

C. Burdette presented the following paper at the Grain Growers' meeting with R. L. Borden at Brandon, June 20:

We cannot allow this opportunity to pass without drawing your attention to rumors that are current that in order to prevent the passing of the reciprocity agreement between Canada and the United States the opposition in Parliament is determined to force an election by refusing to grant supplies to carry on the business of the country.

Having an election before a Redistribution Bill is passed, based on the census that is now being taken, would be a gross injustice to the Prairie Provinces of Western Canada. Due to abnormal development and a large increase in population, Western Canada would be entitled to a material increase in her representation in Parliament, and, as the Prairie Provinces are increasing in population more rapidly than any other section of the Dominion, and without doubt on account of its natural capability will continue to increase more rapidly than the Eastern Provinces, it would be manifestly an injustice to have another Parliament elected before a redistribution of seats is made, based on our present population.

The farming community of the West

would therefore resent any action that would cause an immediate election, whether that action were brought about by the Government or the Opposition in Parliament.

GAS TRACTION IN WINNIPEG

The Big Four "30," the farm tractor which won the gold medal and grand sweepstakes in the agricultural motor competition at Winnipeg last year, will hereafter be manufactured in Winnipeg by the Gas Traction company, of Minneapolis, Minn., the first and largest builder of four-cylinder farm tractors in the world. The Gas Traction Company, Limited, of Winnipeg, has been purchased by the Minneapolis company, which is the only company manufacturing gasoline traction engines in Canada.



Erected at Dentonia Park Farm for Mrs. E. D. Massey. 34 feet high—15 feet diameter—capacity 180 tons. Built of "Ideal" Blocks.

Farmers, all over Canada, are eagerly taking up Concrete Blocks for all kinds of farm buildings.

Besides being fireproof, waterproof and verminproof, Ideal Concrete Blocks are the cheapest of all permanent building materials.

An Ideal Machine will more than pay for itself on the first house, barn or silo you build.

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