

ALPHA GAS ENGINES

faithful as a work-horse

DEPENDABILITY is the keynote of the Alpha. It RUNS when you want it to—chugs away all day and you never need to think about it.

It's always reliable; always ready.

Why?

Because it's so simply and sturdily designed and so expertly and honestly built.

There's nothing complicated about the Alpha—no electric batteries; no delicate attachments to "keep you guessing."

Just oil it; turn on the fuel—either gasoline or kerosene—and the Alpha does the rest.

It takes a whole lot of the drudgery out of farmwork, and, in addition, saves time and fuel.

JUST ASK ANY ALPHA USER

Alpha Gas Engines are made in 12 sizes, 1½ to 28 H. P., and in stationary, semi-portable or portable style, with hopper or tank-cooled cylinder.

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THE DE LAVAL COMPANY, Ltd.

LARGEST MANUFACTURERS OF DAIRY SUPPLIES IN CANADA.

Sole manufacturers in Canada of the famous De Laval Cream Separator and Ideal Cream Feed Siles. Alpha Gas Engines, Alpha Churns and Butter-Workers. Catalogues of any of our lines mailed upon request.

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50,000 BRANCHES AND LOCAL AGENCIES THE WORLD OVER

One pair outwears Two pairs of ordinary overalls

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Humberstone Coal

FOR THE

Furnace, Range and Grate

HUMBERSTONE is general-purpose Coal—good, clean lumps for the open grate, and first among the furnace and cook stove coals.

HUMBERSTONE gives the most heat. It holds fire longest and is sootless.

HUMBERSTONE has stood every test for 38 years. It's now a standard in the West.

If there is no dealer in your town handling **HUMBERSTONE** Coal write or wire us.

The Humberstone Coal Company

Miners and Shippers

201 McLeod Building

EDMONTON, Alta.

P.S.—Wire from Minnedosa, Man., received, reads:

"Used car Humberstone Coal last winter in hot water furnace designed for hard coal, also used in range and well suited both. Ship another car."

This is the experience of thousands of our customers in Manitoba, Saskatchewan and Alberta.

HUMBERSTONE COAL IS SOOTLESS

The New Dominion Deputy

A Sketch of the life of J. H. Grisdale, Acting Deputy Minister for Canada

WHEN the Hon. Mr. Cresser took office as minister of agriculture, he found himself as his predecessors had done, responsible for the administration of laws that were not concerned particularly with the farming industry. At the time of Confederation the Bureau of Agriculture and Statistics in the Government of the province of Canada

was reorganized and given the numerous attributes of agriculture, immigration and emigration, public health and quarantine, arts and manufactures, census and statistics, patents of invention, copyrights and industrial designs and trademarks. To these later were added dominion archives and exhibitions. For many years little seems to have arisen to modify the organization of the department and indeed it was not until 1892 that immigration was transferred to the Department of Interior. In 1812 the archives moved to the department of secretary of state, and census and statistics to the department of trade and commerce. When the Union Government took the reins the elimination of the remaining unrelated adjuncts, requiring the direction of an officer trained in law, took place, making way for a purely agricultural deputy minister.

Hon. Mr. Cresser is to be congratulated in finding within his department a suitable official for the office. It is one thing to possess a working knowledge of the science and practice of agriculture and quite another to understand the ins and outs of so intricate and extensive a system as the federal department of agriculture has become. Its ramifications reach every part of the Dominion where crops are grown and away beyond where her products find a market. It embraces ten branches and spends more than three millions of dollars a year, not including the appropriation of more than a million dollars handed over to the provinces under the provisions of the Agricultural Instruction Act.

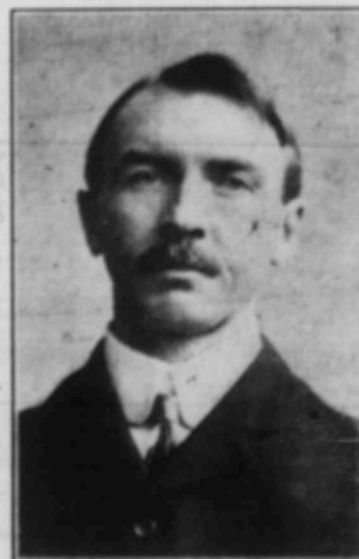
J. H. Grisdale has entered upon his duties as Acting Deputy Minister of Agriculture equipped by training and experience with the necessary knowledge to fit him well for the office. He has given proof of fine administrative ability in directing the affairs of the Experimental Farms System which has enjoyed wonderful development under his guiding hand.

Mr. Grisdale's official career is fairly well known to most of the readers of The Guide. Equipped with the B. Agr. degree, won at the Iowa University, after a course at the Ontario Agricultural College, he entered the federal service in 1899 as agriculturist of the Central Experimental Farm. In 1911 on the retirement of the late Dr. Wm. Saunders, Mr. Grisdale was advanced to the position of director of the Experimental Farms System and has now received further well-merited recognition.

A Native of Quebec

But for the accident of a few miles, Mr. Grisdale would have been a native of the province of Ontario. The farm on which he was born, while situated west of the Ottawa river, is found in the County of Vaudreuil, which, with Soulange, occupies that little sector formed by the junction of the St. Lawrence and Ottawa rivers. Nor is he responsible

for a fortunate parentage. His father, the late A. B. Grisdale, an industrious son of British parentage, well understood the value of thrift in the handling of none too generous soil. It was from his mother, more especially, he inherited a keen intellect and to her ambitious for a promising son must be credited the opportunity to obtain scholastic training.



J. H. Grisdale, B. Agr.

Like many another successful career, Mr. Grisdale began as teacher of a rural school. Not content with performing the duties laid down by the school laws of Quebec, he introduced innovations that were decidedly a advance of the times. By getting the boys to read and debate agricultural subjects he succeeded in impressing them with the dignity of agriculture.

While directing the youthful mind afforded opportunities for splendid service, to one of Mr. Grisdale's ambitions there was born above it a call to the expanding field of agricultural development. This course provided a

Guelph appealed to him as being rich with possibilities, and with the reward from his toils in the little red school house and the blessings of his parents, his agricultural educational career was begun in the fall term of 1897.

Distinguished Himself as Student

As a student Mr. Grisdale occupied an enviable position. Besides winning the gold medal for general proficiency in his second year he was elected president of his class and was an editor of the Ontario Agricultural College Review.

During his second year an unsettled condition arose among the students from a feeling that an injustice was being done to the general body of the students of the year because of the shortcomings of a few. As a result of this a group, constituting a considerable proportion of the graduating class, led largely by Mr. Grisdale, left the college for Ames, Iowa, where they received their degrees the following year. This episode possibly at the time counted against the leaders of this best strong section of the student body, but it brought out that quality of independence and determination found in leaders everywhere.

It should be pointed out that while at Ames, Mr. Grisdale won pronounced distinction. The interstate livestock judging contest at the International Exposition had its inception that year. The class from the Iowa State College included most of the Canadian students. The stock judged included cattle, sheep and swine. Mr. Grisdale won the championship honors.

His Work With the Experimental Farms

The appointment of an agriculturist for the Experimental farms was the first important step towards the enlargement of the system that had prevailed under the directorship of the late Dr. Saunders. The selection of Mr. Grisdale for so important a post was fortunate in circumstances have proved. While a lover of pure science for its own sake, Mr. Grisdale can see little in stopping short of tangible results. Under his direction, therefore, little energy is wasted on unessentials or efforts of doubtful value. To one so practical there is much necessary work to be done. Results, not too hastily got, are kept constantly in view and every

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