

From Start to Finish

FROM the beginning to the end of the year, in every month, International Harvester oil tractors reduce the expense of heavy farm work — plowing, disking, harrowing, grubbing, harvesting, threshing, hauling, and furnishing power for stationary machines.

To know the remarkable capacity and year-round efficiency of International tractors send for our tractor catalogues. They explain all the features to you—the power engine starting system, the throttling governor, the dust and grit proof engine, the simple construction, the ease of operating, etc. They tell you how the modern tractor has revolutionized field and farmyard belt and drawbar work—saving time, labor, and money.



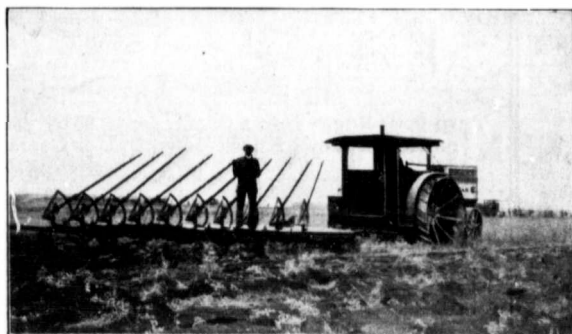
I H C tractors are simple and strong. They are built in several styles and all sizes, from 6-12 to 30-60 h.p. operating on kerosene and gasoline. The I H C line also includes all styles of general purpose engines from 1 to 60 h.p.

Write to the nearest branch house address below for instructive illustrated catalogues of I H C tractors and engines.

International Harvester Company of Canada, Ltd.

WESTERN BRANCH HOUSES

At Brandon, Man.; Calgary, Alta.; Edmonton, Alta.; Estevan, Sask.; Lethbridge, Alta.; North Battleford, Sask.; Regina, Sask.; Saskatoon, Sask.; Winnipeg, Man.; Yorkton, Sask.



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

Manitoba Seed Grain Fairs

The Extension Section of the Agricultural College announces the following dates for Seed Grain Fairs to be held during the next few weeks under the auspices of Agricultural Societies, viz.:

Rockwood	November 13th
Morden	November 17th
Russell	November 18th
Swan Lake	November 18th
Birtle	November 19th
Warren	November 19th
Morris	November 20th
Headingley	November 20th
Roland	November 30th
Cartwright	December 8th
Carman	December 8th
Manitou	December 9th
Elgin	December 10th
Arrow River	December 15th
Argyle Woodlands	December 15th
Reston	December 16th
Kelwood	December 17th
Shellmouth	December 17th
Gilbert Plains	December 18th
Gladstone	December 19th

An interesting feature of these fairs will be the shows of dressed poultry, the addition of this exhibit having been made to every seed fair so far. An increased interest in the poultry industry is, therefore, quite in evidence throughout Manitoba.

To each of these fairs the College is sending speakers, who will deliver addresses on subjects relating to better farming, poultry raising, dairy work, etc.

How to Graduate as a Traction Engineer

The Minneapolis Steel & Machinery Co., is now conducting a school for the instruction of men in the operation and care of Gas Traction Engines. This move is in line with the Company's policy of doing everything possible to make its engines a satisfactory and profitable investment. The prime motive in taking this step has been to assure customers of competent engineers to operate their engines.

The course is divided into three general divisions; viz: Shop Work, Lectures, and Examination Papers.

Shop Work will consist of erection, general work and testing.

Under erection, a portion of the time will be spent on the motor floor in the general assembly of one or more machines, with particular reference given to the timing, valve setting and care of the magneto and carburetor. Attention will be given at this point to scraping of connecting rod boxes; the application and use of interchangeable shells in connecting rods; taking up of main bearings and connecting rod bearings; grinding in of valves; removal of pistons and insertion of new rings, etc.

The classes will be under the

direction of the most competent instructors or supervisors while erecting one or more tractors, and during the course of this erection, such special points as have been found to give trouble in the field from lack of care, will be pointed out to the pupils, and proper instructions given for the avoidance of trouble in these respects.

In testing, a portion of the time is devoted to the motors; to handling of the engine in traction and belt, etc.

A course of lectures will be given which will cover in a general way the following outline:

1. On ignition and carburization, both as general propositions and as applied to Twin City Engines.
2. Care and handling of engine in the belt, with notes on separator practice, wood, sawing and miscellaneous power work.
3. On engine in traction, covering the work in the plow field, hauling, with notes and suggestions of hitches and various applications of farming machinery to the traction engine.
4. On the general care and handling of the engine, with a view of giving such instructions and information as lead to economical operation and low cost of maintenance. Particular reference at this time will be given to economy of fuel and lubricants, and general rules and instructions

laid out for the guidance of operators as to the kind of lubricating oils and amounts needed on various classes of work.

At various times through the course, written examinations covering the instruction given will be required and will be corrected and returned to the pupils before the completion of the course.

On the satisfactory completion of this course, a diploma will be given which will indicate the proficiency the student shall have attained as a tractor operator.

Home Truths

An editor in a Kansas town was showing a former resident, who had returned for a visit, round the place.

"Huh," said the former resident, "time was when I could have bought this hull blamed townsite for two hundred dollars, but I didn't think it was worth it."

"It wouldn't have been if you had bought it," replied the editor.

A

"A Horse Trainer," says a racing man, "should be prepared to meet every contingency and every emergency. He should be like the young lady who said, 'I don't intend to be married till I'm over twenty-three, and I don't intend either, to be over twenty-three till I'm married.'"