

Read This Letter

—From Salina, Kansas

HART-PARR TRACTOR

In the big demonstration with 173 other tractors the Hart-Parr proved its superiority for deep plowing, pulling three bottoms, seven inches deep, at three miles per hour. The ease with which it pulled its load on Kerosene, developing more than 31 H.P. while running below its normal speed, was the wonder of the demonstration.



The New HART-PARR TRACTOR is Guaranteed to do as Much or More Work on a Gallon of Kerosene as Can be Done on Gasoline.

For threshing, plowing, seeding, hauling, or any other farm jobs that require power, you need the Hart-Parr, because it does so much work at the very lowest cost.

The Dray Kerosene Shunt is an exclusive feature with the Hart-Parr that enables it to develop more power than any other tractor its size, and more power than any other tractor for fuel consumed; this proves its fuel economy as well as its giant power.

Don't buy a tractor till you have learned all about the HART-PARR. Write today for full details.

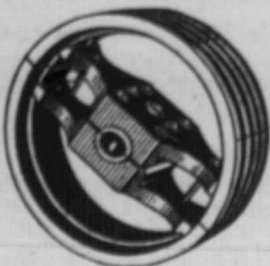
Hart-Parr of Canada, Limited

WINNIPEG SASKATOON REGINA CALGARY

DODGE

WOOD-SPLIT PULLEYS

Save Gasoline



Save Man Power

FARMERS! It Will Pay You to Investigate Dodge Wood-Split Pulleys

A small pulley, a belt and a small motor will enable you to do many jobs around the farm, mechanically that would ordinarily use up a lot of man power; and remember, a Dodge Wood-Split Pulley saves gasoline, because the belt doesn't slip as much on a wood pulley as it does on a metal pulley.

The stockers listed below carry ample stocks in sizes from four inches in diameter and upwards.

Write to the stocker nearest you for Price List

Dodge Manufacturing Co. Limited
TORONTO ONT.

The Stuart Machinery Co., Limited, 764 Main St., Winnipeg, Man.
T. Eaton Co. Limited, Winnipeg
The A. G. Low Co. Limited, Saskatoon, Sask.
German, Clancey & Grindley Limited, The Big Supply House, Edmonton, Calgary, Alberta
(Write Nearest Office)
Revillon Wholesale Limited, Edmonton, Alberta
The A. B. Williams Machinery Co. of Vancouver Limited, Phone High 40 495 Railway Street



Harvesting the Hay Crop

for the second cutting. Of course, we do not get a strong second growth of western rye. The first cutting of the season will, if there is a uniform stand of each, give a fifty-fifty crop of alfalfa and western rye. Of the second crop, however, 95 per cent. will be alfalfa. One of the advantages of the mixture is that the rye and alfalfa are ready for cutting at the same time.

This mixture has received attention because many farmers have hesitated to risk the outlay for alfalfa seed, the expenditure of labor and the use of the land when the result depended on a catch of alfalfa. The mixture costs less per acre and the rye grass is almost a certain catch. It comes on and makes a hay crop therefore, even if the alfalfa is not up to the mark.

Some Work With Grass Crops

The work with the grass crops thus far has shown that western rye can be grown under the greatest diversity of soil and climatic conditions. For light land, brome grass is outstanding. Timothy does better on heavier land and on bush land, while Redtop is the best grass for low, wet spots. Meadow fescue is a promising grass, but no definite claims are made for it as yet. For putting fibre into the soil, the king of all the grass family is brome. Timothy and western rye are of little value in putting fibre into worn-out land.

—R. D. C.

Measuring Hay in Stacks

Q.—Would you kindly publish, through the columns of your paper the proper method of measuring hay in a stack?—A.E.S. Arrowhead, Alta.

A.—There is no standard method of computing the tons of hay in a stack by measuring. There are, however, several methods recommended. Probably the easiest and most convenient way of arriving at the cubic contents of a stack is by subtracting the width from the over-throw, then divide by two; multiply the result by the width, and multiply this result by the length. This gives the cubic contents of the stack.

The over-throw is obtained by getting the measurement from the ground at one side of the stack, over the top and down to the ground at the other side. In a long stack this should be taken in three or four different places and the average obtained, which would give the average over-throw. After this has been obtained the number of cubic feet per ton must be settled upon.

For clean blue joint hay, or other wild grasses that have been in the stack from 30 to 60 days, 422 cubic feet will weigh approximately a ton. For a longer period than this, 340 cubic feet; for timothy or clover, hay that has been in the stack from 30 to 60 days, 512 cubic feet; or for a longer period, 422 cubic feet. For example: if a stack of wild hay has been left for 30 days and is of the following measurements: 20 feet wide, 100 feet long and over-throw of 50 feet, the following method would be used to compute the tons: the over-throw 50 feet less width 20 feet equals 30 feet, divided this by 2 gives 15 feet, multiply by the width, 20 equals 300; multiply this by the length, 100 equals 30,000 and divide by 422 equals 70 tons.—Prof. T. J. Harrison, M.A.C., Winnipeg.

No Appointment Yet

Since the appointment of J. H. Grisdale as Deputy Minister of Agriculture of Canada the Dominion Animal Husbandman, E. S. Archibald, has been acting Director of Experimental Farms. No official appointment of a Director of Farms has yet been made.



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Cut out the middlemen. Buy direct from us. Everything in lumber, shingles, lath, mouldings, doors, windows, etc.

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F. J. Maltner, Lussland, Sask.: "Your lumber is as good as you claim it to be. I saved fully one-third on the price."
Michael Schumacher, Wetmore, Alta.: "The grade is first class. I saved \$15.00 per 1000 feet or about \$200 on the lot."

We Pay Freight

A small house or barn usually makes a carload. If you do not need that much make up a club order with your neighbors. We allow inspection before payment. **WRITE TO-DAY FOR PRICE LIST OR SEND YOUR BILL FOR DELIVERED PRICE.**



SAVE MONEY ON PLOW SHARES



F.O.B. REGINA

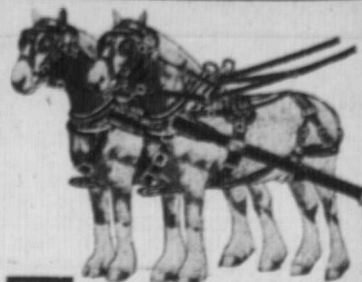
Our Shares are Guaranteed

12-inch, each	\$3.30
13 and 14-inch, each	3.70
15 and 16-inch, each	4.00
18-inch, each	4.55
Engine Gang Shares, each	4.55

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Write today for Catalogue.

The Western Implement Supply Co.
Dept. G
Broad Street North, REGINA, Sask.
J. CUNNINGHAM, Manager.



Write for Our Catalogue

Now that teaming has started it is quite likely you will require some harness. If so, we are positively certain that we offer you, not only the largest assortment to select from, but also the best values obtainable in Canada.

Our harness prices this Fall are the same as they were in the Spring, and our harness is also the same to the minutest detail.

If you have not a copy of our Catalogue we want you to write for one. Write today.

THE S.H. BORBRIDGE CO
WINNIPEG CANADA

Power to Grain

The order-in-council of the Board of Grain Supervisors, amended last October, 1918, amended recently, enacts that the board and provided of this year's crop. Paragraph 6-a provides that the quantity and value of the grain to be allotted to each mill shall be determined by the commission (if any) to be appointed for such allotment by the grain of Canada. They also have power to purchase grain and have supervision over the handling of the grain for the export. United Kingdom or to have the power to buy grain purchasers, set the places where such grain is to be made and the commission (if any) other than the board of grain millers. Paragraph 6-b provides for the approval of provision being made in-council, the board to purchase grain for export and to sell to grain purchasers.

A further amendment adding sub-paragraph 11 the following shortage insurance for Canadian vessels on

Federal Co-operation

An interstate conference of cooperative companies of Melbourne last May 7 delegates from New 7 matters of vital interest organizations. B. Governor-General, Sir Ferguson, G.C.M.C., proceedings with an on the benefits of a tion. He outlined the of the central organization, when a representative parent societies from and Scotland meet in year as an executive are fixed for the year and manufacturers of cooperative producing pointed out that who societies in Britain r takings such as flour tories. The question Imperial trade was Excellency. He co agency of co-operative organization would such trade than any visibility of form company for the purtion of all requirements was discussed and opinion was that it advantage. C. E. M the Coastal Farm Society of New South in support of the n said it was simply coming together to whole and referred tions in Canada quden, Chief Commiss who, in a speech in in regard to immigr that in Canada the goods direct to the p A free and open dist tages to be derived all the societies and ization to be adop later the committee up rules and regula posed federation by which was carried name of the organ of capital and other with the proposed cussed and mutually

A Corn

In The Guide of f nails was quoted at hundred pounds." 60 cents per 100 cent. war tax.