

All Soils Look Alike To Champion Disc Drill



Take the "Champion" into a particularly "dirty" field, where vine roots, corn roots, weeds, tangled grasses or straw manure abound. If you've never before seen it work, you'll marvel at the way its sharp, carefully tempered steel DISCS either cut through or roll over everything that may lie in their way. They will not gather anything before them. You'll marvel at the way the high-grade, cutlery steel SCRAPERS (designed after years of experimenting) keep the discs scrupulously clean. Each hour you'll grow more enthusiastic over the manner in which the FORCE FEED MECHANISM produces its steady, even flow of seed—and never a seed even slightly bruised. The DUST PROOF BALL BEARINGS, on each disc—which require oiling but once a year—they'll interest you, too. And the high wheels, with low down grain box—you'll quickly see this means an EASY Machine to operate. Perhaps you'd like to read about the "Champion" Disc and "Champion" Hoe Drills, so write for special drill catalogue H8.

The Frost & Wood Co. Ltd.
SMITH'S FALLS, CANADA

N. B.—If you buy from us you purchase from a company that is familiar with soil conditions in every part of Canada and a company whose policy is to give you the greatest value for your money.

Make this 60-Day Test of Brantford Roofing—then Test Any Other Make



Write us, or your dealer, for sample of *Brantford Asphalt Roofing*. Place it in water for sixty days. When you remove it, rip open with heavy knife, and you'll find inside—the vital part—perfectly dry, life-like, solid—as before test. Just think of severeness of this test! The result is evidence you cannot overlook. Then make this test with any other Roofing. You'll find the wood pulp—jute or cotton-cloth insides soaked—softened—lifeless. It cannot withstand severe weather, which is, at its worst, not one-twentieth so severe as *Brantford's Test*. Wood pulp is like paper. It acts like paper, when soaked—welts away. How could you expect such a foundation to fight off Roofing Enemies! For resistance, it must depend upon animal fat, grease, or other refuse coating, themselves veritable mines of danger. They evaporate—wear off—expose shameful foundation to awaiting enemies. This coating cannot prevent penetration—protect defenceless insides from harm. But *Brantford Asphalt Roofing Foundation* is one sheet of evenly-condensed, long-fibred *pure Wool*, with life and body of its own. A secret mixture of *Asphalt* is forced into it, soaking every fibre. After mixture dries, foundation possesses resisting power no amount of soaking or bending can effect.

Brantford Roofing

after special Water-proof Coating, into which Silica Sand is rolled under pressure, is applied, becomes a solid mass of resistance. It is weather, acid, alkali, frost, water-proof. Cannot freeze, crack or melt. Wonderfully pliable, Brantford has but one cost—first. Write for free Book and Samples.

General Supply Company of Canada, 147 Bannatyne Ave., Winnipeg

Brantford Asphalt Roofing, No. 1, 2, 3.
Brantford Rubber Roofing, No. 1, 2, 3.
Brantford Crystal Roofing, one grade only, (heavy).
Mohawk Roofing, one grade only.
BRANTFORD ROOFING CO., LTD., BRANTFORD, CAN.
Fleck Bros. Ltd., Imperial Building, Vancouver

THE MOST IMPORTANT FARM MACHINE

THE MANURE SPREADER

Are you Saving Money, or are you Losing it by being without One?

You believe that money spent for a mowing machine or a binder is well invested. Still you use these machines only a few days in the year.

You use the hay rake, because it saves you time and labor.

These are valuable machines. They are now counted indispensable by most farmers, even though they stand unused over eleven months in the year.

But a manure spreader is a still more valuable machine. Its purpose is to keep up the fertility of the soil. It is the machine you use *all seasons*, and the one on which the real usefulness of all your other farm machines depends.

If you have not already done so, you should consider now the advisability of having an I. H. C. manure spreader on your farm.

You will have choice of two different spreaders in the I. H. C. line—the Cloverleaf, endless apron spreader, and the Corn King, return apron spreader. Each of these spreaders handles the manure in all conditions perfectly and will give you long satisfactory service.

These spreaders are not ordinary. Their frames are made of air dried wood stock. They have serviceable, tractive power producing wheels, beaters that are unsurpassed for tearing the coarsest manure into the smallest pieces and applying it uniformly, aprons that deliver the manure to the beater with the least possible friction and in a uniform manner. Any one of these machines will, if given proper care, last a lifetime.

The labor of spreading manure is greatly lessened by using one of these I. H. C. spreaders. Not only is the labor lessened, but it is changed into agreeable work.

But the strongest reason for using an I. H. C. spreader is the increased value you get out of the manure. The best authorities agree that manure spread by an I. H. C. spreader has at least double the value of manure spread by hand.

The I. H. C. spreaders pulverize and make the manure fine, and spread it evenly over the ground just as thick or as thin as may be required. The manure is placed upon the ground in a condition that is at once available for plant life. All is washed by the first shower into the soil—none is wasted.

The good effects upon the crop are immediate and the permanent benefit to the land is greater than when the manure is spread by hand. There is no question but that land manured by an I. H. C. manure spreader will give an increased yield of from two to ten bushels per acre over land where manure is spread by hand.

Consider the labor saved, the more agreeable work, the better crops, the more fertile condition of the land—is not an I. H. C. manure spreader the machine you should have?

Are you not losing money instead of saving money by being without one?

Call on the International local agent and investigate one of these machines. He will supply you with catalogs and particulars, or if you prefer write nearest branch house.

CANADIAN BRANCHES: Brandon, Calgary, Edmonton, Hamilton, London, Montreal, Ottawa, Regina, Saskatoon, St. John, Winnipeg.



**INTERNATIONAL HARVESTER
COMPANY OF AMERICA
(INCORPORATED)
CHICAGO, U.S.A.**

The other day, at Winnipeg, a burly Iowan asked the immigration officials to take charge of his purse while he was taking a run around town. There were twenty-five thousand dollars in greenbacks in the wallet, and the rather startled official persuaded the man to deposit it in one of the banks. He had just sold his farm near Des Moines, Iowa, and carrying the long green right with him in his pants pockets to invest in farming land here. Thousands of these settlers have five thousand dollars a piece or more, and a conservative estimate of the amount of actual cash coming over here in settlers' pockets this year is \$70,000,000. That is only a thousand dollars each for the seventy thousand reported to be coming.

A very large proportion of the settlers coming in from the south come unaccompanied by their families. Many of them are family men, but they are here alone to look over the land, invest their capital, and get things in shape, for bringing their wives and children later. They are pretty shrewd fellows as a rule.

The illustrations show a train-load of settlers, and another train-load of their effects that arrived in Winnipeg recently, from St. Paul, Minnesota. These men are bound for Saskatchewan, to settle on the land of the Luse Land Company. It took sixty-eight cars to carry the goods of this party, and more still are to follow.

SWAMP FEVER AND ITS TREATMENT

Swamp fever or infectious anemia of horses has caused considerable loss in the last three years in the south-eastern and central portions of Kansas, and is still present in some sections. It seems to be most prevalent during wet seasons, in low-lying badly drained sections, and during the summer months.

Symptoms:—About the first symptoms noticed are a general weakness of the animal, it tires very easily and is not able to do any work. The loss of flesh is apparent in spite of the voracious appetite which the animal has at times. The appetite usually remains good until death, but the feed seems to do the animal no good. The temperature is very irregular. Some days it runs quite high, at times to 107 degrees; again it is below normal. It frequently remains high towards the end of the disease. An animal may have several attacks of the trouble, but each succeeding attack seems to be more severe.

The blood becomes thin and the circulation impaired, and frequently there appears a swelling under the chest or abdomen or an enlargement in one or more legs.

Diagnosis:—It is quite easy to recognize the trouble, especially in the advanced stages. The slow progress at the beginning, remittant fever, progressive emacipation and anemia, unimpaired or ravenous appetite, staggering gait and excessive urination are usually all present to a greater or less degree.

Prognosis:—Is very unfavorable, death occurring in from 60 to 80 per cent of the cases. Recovery takes place only when treatment is begun early and when the disease is not too acute.

Treatment:—Is not satisfactory. Absolute rest until fully recovered is one of the primary requisites, and purgatives are to be avoided. For the fever the B. A. I. recommends an antipyretic of quinine 40 grains, acetanilid 2 drams, and powdered nux vomica 30 grains, four times daily. Cold water sponge baths and frequent copious rectal injections of cold water also aid in reducing the fever. After the fever subsides the following is recommended:

	Drams.
Arcsnious acid	2
Powdered nux vomica	28
Powdered cinchona bark	85
Powdered gentian root	110

"These should be well mixed and one-half table-spoonful given at each feed to the affected animal."

"As in the case of all other in-

You Can
A BOG SPAN
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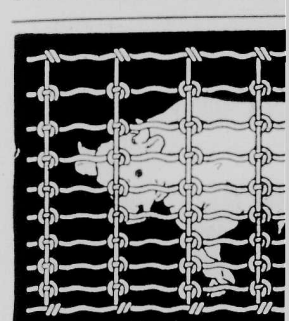
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