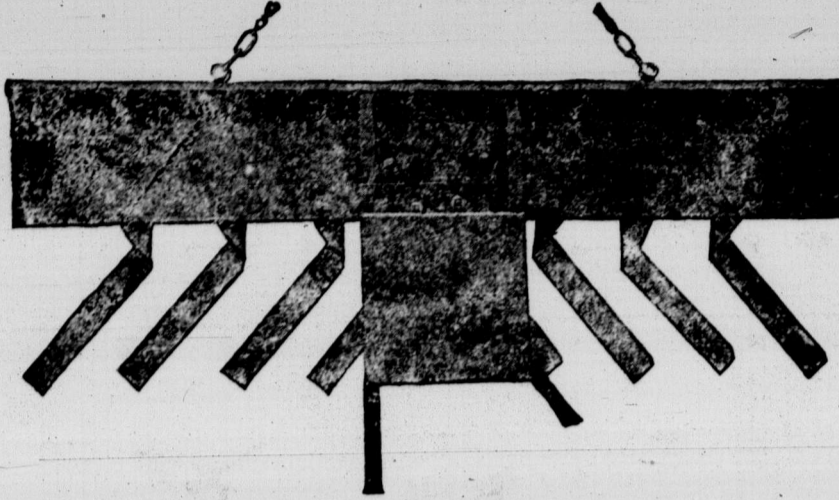


*Here is something new for the Last West, and it is made in Winnipeg*

# The "D & D" Cyclone Weed Destroyer

## The Emblem of Death

To the Wild Oats, Wild Mustard, French Weed, Canada Thistle, and the "Yellow Peril" (the Sow Thistle)



## Its Effect on the Soil

It leaves the soil in a smooth and well worked condition, conserving the moisture in the fallow for the next crop

Farmers are looking for a different Cultivator. Here it is! The best Weed Killer, Surface Cultivator, Dust Mulcher and Conservator of Moisture that has ever been invented. If you don't believe us write to Mr Campbell, of dry farming system fame

Millions of dollars are annually lost in Western Canada, not to mention the remainder of the Dominion, by the neglect of farmers to use the D. & D. Cyclone, or a similar tool. Numberless acres of land are summer-fallowed with a view of retaining moisture to aid in making the next year's crop, and then allowed to crust or grow up with weeds—either of which will rob the soil of moisture as completely as a pump. Many farmers, at heavy expense, replot their land when overgrown with weeds, and thus save some of the moisture, but this is both costly and unsatisfactory. The clean and thorough cultivation necessary to grow wheat demands a tool that would keep plowed land clean until the time for seeding the wheat.

### This led to the Manufacture of the Cyclone Weed Destroyer

With a Cyclone twelve feet wide and four horses, a man can thoroughly clean twenty acres per day of ten hours, cutting the soil to a depth of three inches, destroying every weed, and leaving a three inch dust mulch to prevent evaporation of moisture.

At Headingly last season we had a demonstration plot of six acres. The day we worked the Cyclone weed destroyer the plowed land showed a green carpet of young weeds; the frost was out to the depth of seventeen inches. On the same day a grave was opened and the digger had not gone through the frost at six feet. During the spring season, and up to the time of the June rain, the moisture was ever present, the seed germinated and maintained a wholesome green, with vigorous growth, while in the other fields seeded at the same time, the grain never started till the rain came, which was late in the Red and Assiniboine Valley. Results—Cycloned fields, fifty bushel crop; the other land, was choked out with weeds and cut down.

### Earl of Clarendon believes Western Farmers can Improve Methods

"Travelling past the prairies," he said, "I was surprised that the land is not more productive than it is. The farmers might, I fancy, clear and weed their land more and obtain a yield of thirty bushels to the acre where they now obtain only twenty."

### No one who Summerfallows can afford to dispense with the Cyclone

for it is the only tool with which such land can be kept clean at slight expense. Weeds cannot stay where the Cyclone is used. Even the seed

that has not germinated when the machine went over it before seeding will never get a start, because the grain will come so quickly and so thick that the weed will smother.

Any practical farmer will recognize the merit of the Cyclone as soon as he sees it. Any other cultivator or disc works the land too deep, and ridges it so the land is left too open, and allows it to dry out, so that seeds never sprout till they come with or ahead of the grain.

Professor S. A. Bedford, Deputy Minister of Agriculture, has been emphasizing the gospel of better farming, clean farming, conservation of moisture, etc. The boys and girls of the Province have been taught the principles of agriculture in the public schools, nature study, botany, chemistry, etc., and we have all kinds of the very best plows; still we must admit that our land, which we found clean but a few years ago, is now polluted and rotten with foul seeds, ready to spring up and choke out the grain. Even the experimental farms are not at a high standard in point of being clean, notwithstanding the great amount of power they possess, and doing more than double the work that is necessary, if the proper cultivators were in use.

Wherein lies the fault? Is it the fault of the farmer? Or is it the fault of the different kinds of cultivators, or is partly the fault in both?

But what avail is the strength and capacity of man when his weapons are useless.

**This is what Mr. John Kennedy, Vice-President of The Grain Growers' Grain Co., has to say of the Cyclone Weeder:**

"Having plowed my summer fallow, comprising approximately sixty acres, early in July, which was practically covered with sow thistle, Canadian thistle and other noxious weeds. I have gone over this summer fallow, for the third time, just lately with the Cyclone Weeder, and when going over it the last time apparently no sow thistle or Canadian thistle was in sight. Moreover the moisture was in the fallow land. I find that this weeder is much easier on horses. I believe that when the ground is in proper shape, two horses will cover just as much ground as four horses will with any other cultivator that I have ever seen. I am satisfied that it will do good work and work well wherever any other cultivator will work."

We put down this proposition!—If any farmer will plow his land well either in the fall or spring, or summer fallow, turn down the trash, weeds

and stubble, and use the D. & D. Cyclone Weed Destroyer, working the land the first time the same way the plowing was done, up to the time of seeding, the scourge and plague of weeds will disappear. The Cyclone will do what the harrow and common cultivator or disc never can attain; that is, to seal down the trash, stubble, weeds, etc., that they may decompose through fermentation. This is only possible under a dust mulch, and the retaining of the moisture to meet moisture through capillary attraction, the conservation of two seasons' rainfall for one crop, and the wonderful advantage of having the frost go deep in the moist land.

Frost does not go deep in fallows that are as dry as ashes, on account of weeds having been allowed to grow high enough to pump all the moisture out of the soil and poison the land for the future crops with their seed and bitterness.

The farmers who are fortunate enough to get in their order for a D. & D. Cyclone the present season, and use it, we would recommend that they open up a dead furrow every thirty-three feet in their summerfallows, and clean up the dead furrows or finishes in their fall plowing, and open an outlet to some lower level, such as a roadway water course. This will, where there is too much potash, allow the land to be cleansed by the surface water getting away. If it lies on the surface it scalds the plant; when it dries into crystals, it poisons.

Just before seeding, put the Cyclone over the land, crossing the dead furrows, which will fill them up. With this system the seeding can begin four or five days sooner, and the grain will be days earlier and even.

We wish to see every farmer who belongs to the Grain Growers have the early and clean crop of the different communities.

Green trash, knee high in a wheat field, after the grain is cut, is a poor guarantee for a good yield in threshing time.

One way to secure a D. & D. Cyclone Weed Destroyer is to send a draft payable to Dodds & Detwiler to the Home Bank at Winnipeg, to be exchanged by the Bank for the bill of lading when the Cyclone is shipped. Send \$40 for an eight foot, \$50 for a ten foot and \$60 for a twelve foot. We are not selling through agents, but direct to the farmer, and on a small margin of profit, and for cash. Order early, because we are only going to build a limited number this season and for the spring seeding. Afterwards we will be in a position to supply the Dominion of Canada. Made in all lengths from four feet and upwards, price \$5 per foot.

*A new commandment we give unto you: "Thou shalt not harbor noxious weeds on your place so that your neighbor's land will become polluted"*

# DODDS & DETWILER

Address: c.o. THE LELAND HOTEL

WINNIPEG, MANITOBA