

two sections of harrows. The tractor handled this load with ease, mostly on high speed. This, we consider, is another big feature of the Heider tractor, it having a friction drive, thus doing away with a lot of useless gears and gives a greater range of speed.

We only had this tractor in time to fall plow, so plowed about 5 to 6 inches deep. The soil is a clay sub soil, with black loam soil, which was fairly moist. We hardly used our outfit long enough to know how much we plowed a day, or what it turned in plowing an acre, but we know in threshing 5,200 bus. of wheat we burned about 120 gallons of kerosene, 20 gallons of gasoline and 6 gallons of lubricating oil.

We believe that a tractor this size is as good as eight horses and two men, as it never tires, and could be run day and night if need be.

Yours truly,
Gordon G. Lintott.

"TRACTOR THEIR ONLY HOPE"

Bannerman, Manitoba,
Jan. 22nd, 1918

Dear Sir:

I own a 30-60 Rumely Oil Pull, a 40-64 thrasher, and a 10-furrow Rumely breaker bottom.

I pull nine bottoms with my tractor, and it drives the heavy thrasher with ease.

Seventeen and a half acres per ten hour day is a good day's plowing for any tractor of this size. This can be done on eight gallons of kerosene, sixty of water and about five of standard gas engine oil, and about one gallon of heavy black and four pounds of cup grease. I use the heavy black oil for use on the gears. It costs about 88c. per acre in breaking and 80c. in stubble. I plow from three and a half to four inches deep, and break about the same in a heavy soil.

I have had no trouble at all to get the engine to burn kerosene, but cannot run more than half an hour without water. I have never had any trouble with over-heating, which is a fault found in almost every make of tractor that is put through a long run in threshing or hauling.

I have run as long as fourteen hours in threshing and twelve in plowing. I average about 1800 bushels of wheat per day and about 2200 to 3000 of oats. This I have done on an average crop of fifteen bushels of wheat per acre and twenty-six of oats.

I have not done any discing, seeding or harrowing, but I know it would be no trouble at all if I had the extra machinery which is needed.

I am no writer and a very poor scholar. I am taking up a lot of

room in a valuable paper; but let me say, on the whole, the oil tractor is the thing for big farms of say from one to two sections of land or more, because the labor question is getting the better of the big western farmers. I cannot urge the farmer and thrasher enough in the tractor line. It is their only hope of supplying the Canadian people and our Allies in Europe.

Yours truly,
G. A. Ireland.

A DEMONSTRATION IN SAVING OF LABOR AND FEED

Feb. 3rd, 1918.

Dear Sir:

We own and operate an 18-36 Avery tractor which we used for plowing and threshing.

In plowing, we used a four-furrow Avery self-lift plow, which makes a good one-man outfit. Our land is very hilly, stony, and the soil fairly heavy. That is to say it takes four good horses to draw a plow. It was very dry last summer.

Expense per acre for breaking prairie is as follows: Kerosene, 3 gallons at 22c., 66c.; lubricating oil and grease, 20c.; depth plowed from 5 to 6 inches. Acres plowed from 10 to 11 per day, according to time put in.

As I run this outfit myself, I am not giving any other items than fuel and lubricant.

As to belt work, we used a 28-inch Avery separator, with all attachments—Gasoline for fuel—gasoline for 12 hours, run 30 gallons, at 38c., \$11.40; lubricating oil and grease, \$1.50.

With one man running it, this outfit threshed from 1200 to 1800 bushels per day, according to conditions.

We used to own a steam outfit which in plowing employed six men, eight horses, and three tons of coal, and the best we could do was 25 acres. When you compare this with our gas outfit, it shows quite a difference.

The tractor is a great labor and feed saver, and is the means to bring large acreage under cultivation.

Yours truly,
Snyder Bros.

SURE IT WOULD BE EQUAL TO ANYTHING

Rosebud Creek, Alta.,
Jan. 29, 1918.

Dear Sir:

I AM very pleased to tell you about my tractor. I own a 10-20 Titan, which I purchased on Sept. 10, 1917. I did 90 acres of fall plowing with it, depth six inches. I find my engine will pull two 14in. plows; this depth through any kind of ground in fall plowing. The soil on my

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