

### All Right if Enough Land

Dear Sirs:

I received your letter on the 17th inst. asking for information on traction cultivation, and will answer your questions as well as possible.

1. The engine I have is a double cylinder 25-45 Rumely.

2. It uses from 40 to 50 gallons of kerosene when operating a 34inch Rumely separator and when pulling eight 14-inch P & O plows uses from 50 to 60 gallons per day.

4. The engine uses about 15 or 20 gallons of water per day with kerosene.

5. When plowing it requires two men to operate the outfit. One on the engine and one to operate plows.

outfit, as I am running alone, when the plowman does the hauling. A light team of horses is all we use.

In sowing flax on spring breaking, we use two disc harrows and the drill is hitched to six-bottomed plow.

The average cost of the plowing (breaking) done last year, at from 4 inches to 6 inches deep was \$1.35 per acre, or about \$24 per day.

Sixty acres can be disced and drilled in one day at the same cost, also 60 acres disced twice, using six discs.

I do not think that an engine injures the land by packing it too much.

I used an eight-bottom Cock-

acres a day, or fourteen hours work. During the past summer, we used about 80 gallons of kerosene per day, or four gallons per acre, and 40 gallons of water.

In cultivating the sod, I use 30 feet of double disc with heavy loaded float behind, so that in one stroke, we double disc and float, which leaves the land in good shape, being fully equal to four strokes of a horse drawn disc, as we are able to put heavy pressure on the discs and load the float, so that all sods are crushed. Discing and floating take about 1 gallon of kerosene per acre. One man operates the outfit without assistance, other than perhaps a man and team one day in the week for hauling oil and water to the field. I worked my engine for two seasons threshing, and one summer plowing, either breaking or stubble plowing, and my repair bill amounted to about \$20.

The engine handles a 30 x 48 Rumely separator with ease, and keeps six ricks going. My two boys run the outfit during threshing season. We used about 35 gallons of coal oil, and about the same amount of water. The cost of the coal oil for one day being \$7.00. We used no water for cooling as it is an oil-cooled engine.

Early in the spring, we plowed 136 acres for seeding at a cost of about 50c to the acre. I have a six bottom John Deere engine gang. During July we broke 128 acres in seven days, on a mile



6. We have never done any seeding or discing with the engine, but for plowing it costs us approximately 60c per acre.

7. I have not done any seeding, discing or harrowing as I think it packs the soil too much and is detrimental to the land. Traction cultivation is all right for anyone who has enough land, which is in the right shape and weather conditions are favorable. It was too wet in this district last spring for much engine work.

Yours truly,

Freeman Rice,

## Binscarth, Man. 23

#### Horses Most, Kerosene Least Costly

Gentlemen :

In answer to your letter I can say that I am using a 45-60 H.P. Hart-Parr engine, burning about 51/2 gallons of low grade kerosene per hour with full load.

The engine pulls seven 14-inch bottoms five inches deep in break-

If the hauling of kerosene is not too far, two men can run this inch bottoms, averaging about 20

shutt plow for four months last year, the repair bill being 85c. The engine was used for eight months, and the repair bill for it was \$14.10.

In threshing I used a 32-60 Avery separator, averaging 2,000 bushels per day.

I have done farm work with oxen, horses, steam and kerosene, the horses being the most expensive, and kerosene the cheapest. Yours truly.

Syvert Dahl,

Vallejo, Alta.

# 23 Power Farming the Only Solution

Dear Sirs:

I am the owner of a Hart-Parr 60 H.P. oil burner, having used it during the past season on my farm, and to begin with, I wish to say that I believe that power farming is the only solution of the investor in farming industry.

I have not as yet done any stubble plowing with my engine, all plowing that I have done was breaking heavy sod.

When breaking, we pull six 14-

We also use the engine for pulling binders, and find it in every way satisfactory. I am not able to tell accurately the cost per acre, but would place it at about 20c for fuel oil.

I do not think the tractor detrimental to the plowed land, but would advise the use of the extension rims, as more of the land would be packed in this way, and none of it too much.

I have not used the tractor for drilling as yet, but will do so this season, as many of my neighbors are doing so successfully.

In closing I will say that I think the heavy tractor is in every way a success in power tarming, both from the standpoint of efficiency and economy.

Yours truly, Ira R. Elliott. Harwell, Sask.

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# Cost of 50c an Acre

Gentlemen:

As to traction cultivation, as far as I have experienced, I may say that it is a success.

I own a 15-30 Rumely OilPull.

stretch, averaging 16 acres a day. In breaking, we had four breakers on, taking three gallons to the acre, which amounts to 60c.

As to seeding, discing, and harrowing, I have had no experience. For house moving, it cannot be

beaten, as it is a slow, steady pull.

I think I can do any kind of work on the farm at all as soon as I have the extensions put on. I consider my engine to be simple, durable, and steady running machine.

> Yours truly, Johann H. Peters. Langham, Sask.

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## The Tractor a Success

Referring to your inquiry as to whether farming with a tractor is a success, I would say that it certainly is a success, but it depends entirely upon the kind of tractor you use, also the kind of help employed.

I am not a farmer. I bought my ranch as an investment.

I am using what is termed a 30-60 h.p. Rumely OilPull engine, which pulls eight 14-inch bottoms