Brandon Plowing Demonstration

We want every farmer who attends the Brandon Fair to see the Waterloo Boy Tractor — also the Waterloo Boy 24 x 46 Separator

A Practical Farmer Writes:

As we have now completed our first Season with the Waterloo Boy Tractor, I will with pleasure give you any information I can regarding the amount of work done, fuel consumption, and the cost of same per acre.

First let me say that the tractor has proved to be efficient in every respect.

The cooling and oiling systems are perfect, also the situation of the carburetor giving the engine a very short intake which is most essential and also enables the operator to adjust the fuel and water with ease at any time. The magneto is the best I have ever used, the automatic fuel cutoff which eliminates all fuel waste and ensures a steady motion of the motor. This feature is noticeable particularly while plowing, when lifting the plows and thereby taking all the load off the engine; this cutoff regulates the feed and the motor will continue the same rate of speed. It works the same when letting the plows in, there is no running away and no slacking down in the motion of the motor.

We plowed close to 150 acres of summerfallow most of this 5 to 7 inches deep, using a 3 bottom 14-inch La Crosse engine gang; the tractor pulled this without any difficulty at the rate of plowing 7 to 8 acres per ten hour day, using 2 gals. kerosene per acre.

Then we broke up 30 acres of old timothy sod using two bottoms of the same plow, 6 inches deep. Here we used 2.75 gals. kerosene per acre, doing 5 to 6 acres per day. I disked this piece once and rolled it twice in a day and a half, using a 16-20 disc and a 14-feet 2200-lb. packer. I am sure I could have pulled another disc harrow, but we only had one set.

We did some cultivating on summerfallow, pulling two 8 feet Massey-Harris cultivators at the rate of 3 acres per hour, using 12 gals. kerosene per ten hour day. If we had had extensions on, I am sure we could have done 4 acres per hour.

We fall plowed about 100 acres 4 to 6 inches deep, using 2 gals. kerosene per acre; however, the last day I plowed this fall, I plowed 10 acres using 16 gals. kerosene and 2 gals. water.

We have not had a chance to try it out on the belt yet. We have run 8-inch feed grinder but this is no load at all.

We have had no trouble whatever in starting in cold weather, but if the oil is left in the crank case and let freeze the motor will run a long time before the oil will get warm enough to flow.

I think it advisable to drain the oil out of the crank case when one is through for the time being and to warm it before putting it in the next time one wants to start the engine.

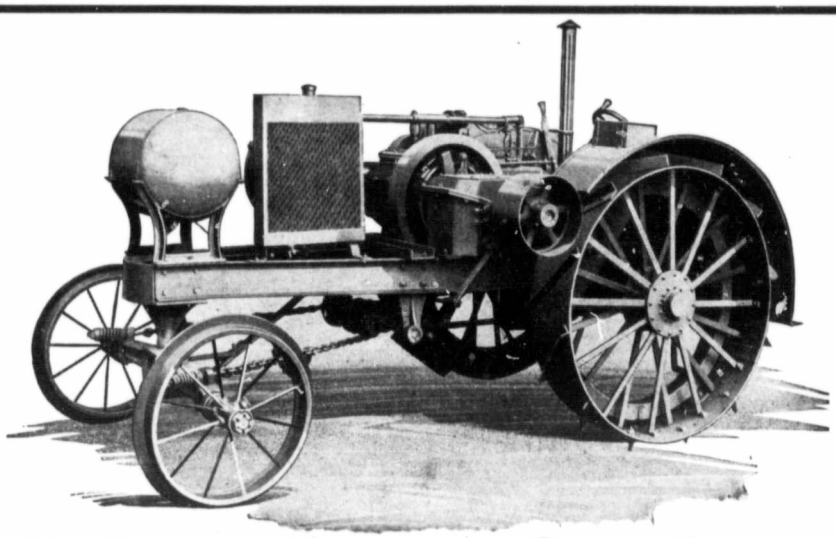
At present we are using Standard Engine Oil. This oil may not stand the frost as well as some other oils, but when it is cold, say zero or below, I find it necessary to melt the oil before starting.

The cost of fuel, oil and cup grease for plowing would average 45 cents per acre. The amount of fuel and oil necessary to plow ten acres would be something like this:

½ gal. Gasoline	at 34 cents	$0.17
20 gals. Kerosene	at 18 cents	3.60
1 gal. Engine Oil	at 37 cents	.37
1 gal. Gear Oil	at 20 cents	.20
2 gals. Water		
Total cost of consumption for 10 acres		$4.47

I will be glad to give you any information I can at any time.

S. Hansson,
Dugald, Man.



For Economic Operation—for Greater Power—Endurance and Reliability Choose a

Waterloo Boy ONE-MAN KEROSENE Tractor

Built for all around farm work in any season of the year. Powerful for heavy work; strong to endure continual strain; reliable because of its perfect scientific construction; and economical because it does more work in less time, at less expense, and with less hired help.

Read these figures showing a comparison of the difference between cost of Tractor Work and Horse Work:

CAPITAL INVESTMENT

TRACTOR		HORSES	
12-24 H.P. Waterloo Boy Tractor	$1475.00	10 horses at $200.00	$2000.00
3-furrow gang	220.00	3 gangs	230.00
	$1695.00		$2230.00

Difference in favor of the Tractor $635.00

COST OF OPERATION PER DAY

1 man at $2.50 per day	$2.50	2 men at $1.50 per day	$3.00
Fuel and oil	3.60	Horse feed	7.50
Interest on investment	.32	Interest on investment	.50
	$6.42		$11.00

Difference in favor of the Tractor $4.58 per 10 hour day, but the tractor can keep on working 24 hours at the same cost.

NOTE—Cost of horse feed is figured on the basis of 7½c. per hour for the time the horses work, against which time must be charged the cost of feeding while horses are idle.

Now read these figures showing the difference in cost of operating a KEROSENE Tractor against a GASOLINE Tractor for one day's work.

19½ Gals. Gasoline at 34c.	$6.63
23¾ Gals. KEROSENE at 17½c.	3.92
A saving by using KEROSENE of	$2.71

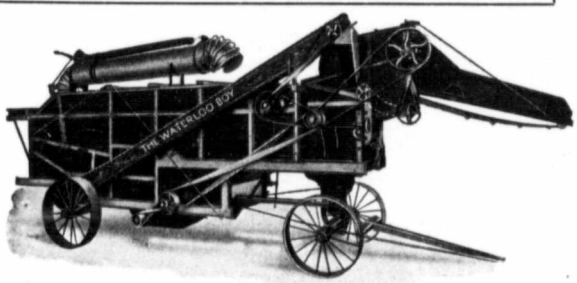
These figures taken from the Canadian Thresherman, June Issue.

KEROSENE fills the Demand for Cheap Power

Waterloo Boy Kerosene Tractors are dollars ahead every day in the matter of economy. They fill the bill as no other power will. He is a wise farmer who chooses a Waterloo Boy Tractor. If you are interested we will be glad to send you reasons why the WATERLOO BOY TRACTOR gives more power for fuel consumed than any other tractor made.

WATERLOO BOY 24x46 SEPARATOR

A small successful machine that operates at a great saving of money and labor. It gets all the grain out of the head; gets it clean for market, does its work quickly and with the least effort on the part of man. Grain check plate immediately behind the grate ensures thorough separation—this is only one of the features that go to make the Waterloo Boy the most efficient Separator you can buy. Mail the coupon for folder which tells all about it.



INFORMATION COUPON

Waterloo Boy Kerosene Tractor of Canada, Limited
(Dept. B) Winnipeg

Gentlemen,—kindly send me full information regarding item marked below with an X. I expect to buy about ..... month.

☐ TRACTOR Name .....

☐ SEPARATOR Address .....

Mail This Coupon To-Day

Waterloo Boy Kerosene Tractor
Dept. B Of Canada Limited WINNIPEG