

sumption of gasoline increases out of all proportion to the work done, presumably the cold atmosphere is accountable for this. Our experience in threshing is that a gasoline tractor should be in for the season before the ground freezes. We have not found it profitable to operate after this time.

In conclusion we would point out that the two seasons 1915 and 1916 during which we have operated this tractor, have been very unfavorable for the use of engines. There were very few days in the breaking season when the tractor could get decent footing. This year we were out sixty days and in that time broke and plowed three hundred and fifty acres and engine disked over three hundred acres. This included time taken in adjusting and repairing.

We have a crew of two men, both in plowing and threshing. In the latter operation one of the men looks after the separator.

We remain,

Very truly Yours,

Bowey & Murray.



A Man who loves his engine never fails to keep it in tune

A Big Record With a Small Outfit

Gouverneur, Sask.,

January 3rd, 1917.

Dear Sir—My internal combustion tractor is a 12-25 J. I. Case, operating on gasoline only, guaranteed to pull four plows in stubble and three in breaking; also to drive a 24x42 separator.

The plows are 14 inch "Verity" make, and in ordering same I ordered four breaker bottoms as well as four stubble bottoms, figuring an extra breaker bottom for repair if need be.

During the plowing season I plowed 175 acres of stubble for crop, running engine night and day, averaging about 18 acres per day and night, average depth of plowing 4 to 5 inches, and the engine handled the four plows this depth running on high speed.

During breaking season I plowed 350 acres, pulling 4 plows at a depth of four inches, engine having no trouble in handling four plows this depth on low

speed. Average in breaking, 8 acres per day of 10 hours.

In breaking, the engine used 2 gals. of gasoline per acre and 2 gals. of lubricating oil per 8 acres, and one 22 lbs. can of hard oil lasted plowing season. In stubble, I used 1½ gal. of gasoline per acre and 2 gals. of lubricating oil per 8 acres.

One man handles this outfit with ease, as the plows are automatically lifted. The only trouble I have had with engine, was caused by the dirt catch screen plugging with dirt, shutting off the flow of gasoline and causing engine to backfire, but as soon as screen was located this trouble was avoided.

Engine is easy to start and requires no experienced man to handle same. Repairs for engine and plows was nil. Engine has sufficient power to handle 24x42 separator at all times.

My biggest day's work threshing this year was 925 bushels wheat in a day and 900 bushels of oats in half a day, average in

to impossible, I have my farm in excellent shape for next spring.

I did the greater part of my plowing with the engine and plowed up to the middle of November. My land is of the gumbo nature, being heavy for horses.



This plowing (six inches deep) and harrowing at same time was done in heavy gumbo

It takes four good horses to pull a sulky plow, going to any depth.

I used about twelve gals. of gasoline in a ten hour day. I have never used the tractor in any belt work as we have a large steam outfit for threshing, but our "Case" seems to deliver great power on the draw bar.

I think tractors of this class can be run to good advantage on land that is free of sloughs or hills and where there isn't a big crop of rocks embedded in the soil. My land is level and while there are some stones around, my breakages were nothing to speak of. This tractor does the work of nine horses and two men, so it is a big labor saver.

Yours truly,

Willert J. Askin.

Little Trouble—With No Experience

Buchanan, Sask.,

Dec 30th, 1916.

Gentlemen—Replying to your request for information as to my tractor experience; may say that I purchased a "Happy Farmer"

I have a 20"x36 Case Separator with all attachments but haven't quite power enough for that, especially when grain is tough. In plowing I used a three furrow I.A. Crosbe plow with 14-inch bottoms. It takes about 3 gals.

gasoline (White Rose) per acre for plowing at a depth of 5 inches. Have plenty power for sawing and chopping but have not used my tractor for seeding operations yet.

I have sand loam land and can plow from seven to eight acres in ten hours and have always operated the outfit myself without help. The tractor is rated at 8-16 H.P. and although I have had no experience with gasoline tractors, I have had very little trouble with it.

Yours truly,

Geo. Shroto-bitoff.

A Fine Start With no Previous Tractor Knowledge

Rosenheim, Alta.,

January 2nd, 1917.

Dear Sir—My tractor is an Avery, 12-25 size and I have used it in plowing, hauling granaries, threshing, grinding feed and in pulling up a windmill.

In plowing I used a four-bottom Avery Automatic self-lift set of plows. In trying out the engine and plows we went from 4 to 6



A Fine Exhibition of Belt Service

tractor from J. D. Adshead Co., Winnipeg, in August last. Have used it for threshing, plowing, sawing wood and running a 10" Fleury chopper.

inches deep in soil that had quite gone back to weeds for two years. In summer-fallowing I plowed ten acres in ten hours using ¼ gal.

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