W. H. Cherry in Haldimand County and E. C. Gilbert in Elgin County, Ont., Tell of Their Experience with Light Tractors

THERE are probably 800 tractors now operating on Ontario farms. For every tractor in operation, there are at least a half a lozen other investment. "We can't get too much information on the subject of tractors," writes a reader of Farm and Dairy. "Give us as much about the actual experience of tractors as a work of the proper of the pro the subject of tractors," writes a reader of Farm and Dairy. "Give us as much about the actual experience of tractor readers as you can, particularly on dairy farms." Contains with this and similar requests should be easy as dairy farmers have been large buyers of tractors. Two readers of Farm and Dairy in Westerr Ontario, who are now boosting the farm tractor, are W. H. Cherry of Haldimand County, and K. C. Gibert, of Elgin County.

"Help has been very scarce on the farms this summer and to offset this labor shortage, I purchased a light tractor and a 10-inch bottom light tractor plow." writes Mr. Cherry, in a recent letter to Farm and Dairy. "With the tractor I cut all of my crop. using a seven-foot cut binder. The horses never saw the binder this year. I have plowed as much asserts acres of stuble around in one day. Of course, the field and heavy 30 acres of fail ones. I had nearly 30 acres of fail ones.

I had nearly 90 acres of fall plowing sone by the middle of Oc-tober and all plowed with the tractor, except two standing furrows left to finish with the walking

Speaking of costs Mr. Cherry writes: "I have calculated that it costs about 55 cents per acre for kerosene and oil to operate while plowing. Of course, on light loam or sandy soil, the cost would be less." His further observations on the tractor are: "My make of trac-tor is driven in the furrow while plowing and the line of draft and line of pull coincide. At present I am plowing in a field just 40 rods am plowing in a field just 40 rods-long and am striking out and plow-ing in 12-foot ridges, the counts per ridge. In working the soil it use the double disk, a 1-disk out-throw followed by a 1-disk in-throw. This, with a light harrow behind, makes a quick job of a field and the tractor being light, only 2,600 lbs., does not pack the soil. Aside from a broken commutator, which I repaired myself in half an hour. I have had nothing but the best results from the snorting little tractor."

Mr. Gilbert's Experience.
Mr. E. C. Gilbert, of Elgin County has been proving his enthusiasm ty has been proving his enthusiasm for the tractor by demonstrating his particular machine at some of the local fairs this fall. It was a result of this demonstration work at the fairs that a representative of the St. Thomas Times-Journal called at M. Gillburgh farm, and had a talk

St. Thomas Times-Journal called at Mr. Gilbert's farm and had a talk with him about tractor operations. The interview, which Mr. Gilbert forwarded along to Farm and Dairy, is published in the Times-Journal

as follows:

"It's more easily handled than an automobile,"
remarked Mr. Gilbert to a group who were watching
his tractor disport itself in the spacious farmyard
at his home. Disport itself is quite the correct word
For Mr. Gilbert would set the thing going in circles
and climb off to tould while he tractor would keep
on by itself very much like a large dog and not so
very awkward a dog either, playing chase with its
tail.

tail.

"My boys, Bernie and Bruce, can handle it and work with it. The elder is 12 years of age. And that I consider is going to be one of the special advantages of the tractor; it will allow a boy to take the place on the farm that grown labor only could perform up to this time, or very largely allow him to do so."

He then demonstrated how easi' and quickly, too, the tractor could be attached to various pieces of farm achiever. Really the tractor was not nearly so awaward a thing as we had supposed: "But won't pack down your land": someone asked. "Outarlo and the second of the s He then demonstrated how easi' and quickly, too

its hoofs and then the tractor isn't as heavy as you perhaps thing it is. I can lift each one of those wheels"

wheels."

Steadier Than Team for Loading Hay.

"Two plowed and harrowed and disked and loaded hay with it and all satisfactory. In fact, you can use it for most everything where power is needed working land. I've even pulled fence posts with my factor. I then it before to use with a hay loader.

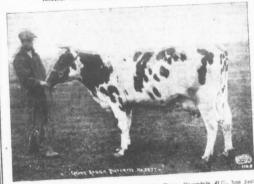
working land. I've even pulled fence posts with my tractor. i' like it better to use with a hay loader than a team. The tracer is steadler.

"I'm not using it."

"I'm not using it."

got a new cullivarie. Court though. I've got a new cullivarie. Court though it work or we complete. Court of the court is not a court of the court day using a team with that cultivator and I don't think I could work any more profitably than that with the tractor. And I wouldn't consider there's work enough on a side delivery rake to use it there." "Then you don't think the tractor is going to eliminate the team?"

Another World's Championship for British Columbia.



Collony Ausgie Pieterse, owned by the Colony Farm, Essondale, &C., has justiced and St.13 in the Colony Farm, Descondale, &C., has justiced and St.13 in the Colony Farm, Descondale, &C., has justiced and St.13 in the Colony of the Colony of

"No, certainly not. I should say Ontario will never be able to get along without the horse. For one thing, the road is no place for a tractor. They are hard on leaves on a road. One trip there is worse on each that an aweek of pulling a harrow and rober over land. Any there are certain things and rober over land. Any there are certain things on the farm itself where the horse will always to my

on the Earm liseft where the horse wall aways to dry notion do the better work. "But the tractor is worth while just the same. On a farm the size of mine 265 acres (175 under culti-vation), the tractor will save me between five and

"The tractor is good on the plow—will plow faster than a team. Let a man go in a field and try to follow a tractor and he'll find out he soon has to give up. Can I plow any kind of land? Well, this summer I put this one on a piece of new ground all covered with cradle knolls. You couldn't have driven over it with a team and wagon without throwing the box off. It was an exceptionally rough piece. But I never had a new piece of ground broken so well." The tractor is good on the plow-will plow faster

Slighting a Noon Hour to Make a Record. "How much ground will a tractor cover in a day's

plowing?"

"I should judge from four to five acres world be a fair day's work, counting a ten-hour day and good heavy land. The manufacturer claims as high as ten acres has been plowed in a day. But I would say the fellow that plowed that must have started before breakfast and slighted the noon hour. Very prob-

ably the soil was light.

"Plowing speed is three miles an hour about—I should judge that going much faster than at the rate of four or five acres a day your furrows pretty bad, plowing, too, the tracework much state of the plowing, too, the tracework and considered the engine the state of the plant of

went about one and one-third times as fast Basic Slag for Potatoes

Apply Now for the 1919 Crop

J. A. Macdonald, King's Co., P.E.I.

UR farmers are beginning to find out that base O IIR farmers are beginning to find out tast base-slag is a most excellent manure for the pota-crop. Many of our growers have been in ti-habit of using considerable potace in the two or three years. They are beginning to find ou-that basic slag, as manufactured in Sydney, is a pretty good substitute for potace in Sydney, is a pretty good substitute for potace in the con-ceptain. A young man in potach. Let the chemis-who purchased a farm last year, told me that has spring he had no stable manure for his potato crop. wno purchased a larm last year, told me that last spring he had no stable manure for his potato crop, but someone told him to try basic slag. He did s. After plowing the ground he har rowed in the slag, which was spread

rowed in the stag, which was spread with the grain drill. He used two or three bags per acre. As a result he has a splendid crop of potatosa. Off one acre he sold \$83 worth by the starch factory at 90c a cwt. He is not yet through digging, and feels quite sure that a heavy coat of stable manure would not have brought such good results.

Another man I saw myself only yesterday, Mr. Vincent McPhes, in this county, used slag with splendid results on his potato crop. He can out of manure to cover the field and out of manure to cover the field and so purchased two bags of slag to take its place. This he spread with a broadcast seeder. Slag is difficul-to spread being an impalpable pos-He planted the potatoe same as with the manure by plos ing in and planting every third for-row. The crop he is now disging is actually better than where is is actually better than where he had the stable manure. And me only that but he expects a crop of wheat and excellent clover had year where the slag was applied. Now the farmers in that neighborhood are hundred to the control of th now the farmers in that heighborhood are buying the slag and applying it this fall for the coming potato crop, as they have been told that slag is somewhat slow of disthat slag is somewhat slow of di-integration and is better applied in the fall or winter. I call this as "eye-opener" for farmers every where. Slag contains 40 per cent pure time, in addition to its phos-phate and other chemicals, as sub-plure time. I know myself slag is phur, etc. I know myself slag is great to make clover and grass

Make the most of the last few days when the plough will turn the soil. The farmer's spring drive de-pends to a large extent upon his

More Dairy Cows An Oprtimistic Forecast

L. A. Gibson, Dairy Commissioner for Manitoba. HERE seem to be special reasons why the farmers of Manitoba should be careful to coserve and build up our resources in dairy fe

Of late Winnipeg has been experiencing "milkless

mate live stock.

Of late Winnipeg has been experiencing "milkies days" in a delivery of milk by the largest milk company is concerned, and no matter what dismay be said a surfaced condition in the milk trak some extent a strained condition in the milk trak against the strained condition in the milk trak question. Any close study of autritive values of un soods goes to show that the value of milk as the same part of the same pa

(Continued on page 23.).

Nevember 21, 1 Are

What Governm C ANADA has of which put three Wester soil being kept uncreased? To conservation can We asked question can we asked question canada. We tool in all about 60 Prince Edward definite enquiry deteriorating.

Here is the an about the same y cent reported son reported some das used by 30 pe poorer in its po years before. farmers reported 10 years before; and 46 per cent summary of the under an intellig We want in Co

conducted surve

we may acquire are. Then we co course of action and properly in land was for a ti and the lure of disappointed me Yukon left. could be generation's she the beneficence paration. In th some right to m natural wealth

occupation; but while in their h sheds light on o ed, to our gre In central New successfully for unprofitable. ture and propiti of exclusive grunprofitable, an ers to stop th Illinois, Iowa a or are making of wheat to the

emy. Germa