## **FARM CHATS**

(20)

### Up Against It

H. Percy Blanchard, Hants Co., N.S.

THE fall of 1916, as you will remember, was very dry. Of the ground we planned for roots and oats, about an acre was plowed shortly after haying. With the dryness, that tended to very heavy plowing, and other things intervening, the rest had to wait the plow until later in the

The result last spring was that the first dale would work up like ashes, while the rest was still a tough, rough while the rest was still a tough, lough sod. Balancing different advices against and for cross-plowing, I de-cided in favor of the latter, partly because of some bad water-washes. cross-plowed all except one dale of nicely laid over, but tough sod. It was disked up and down, back and forward, until the disc could do no more. I dared not touch it with the spring dared not touch it with the spining tooth. Instead. I spent a day or two with the Acme. It was like harrowing a lot of big sponges in a bed of corn-

In due time the potatoes were put in with a potato planting machine; and was surprised how well it handled be stuff. We usually seed turnips in the stuff. the stun. We usually seed turnips in drills, broadcasting the fertilizer on the harrowed level, throwing up into drills with a light plow, and then using a one-horse seeder that straddles two

secrecy. But there is no longer a necessity to keep silence. The turnips in those last 10 drills were just as good as the others.

Now, if you were me, would you ut in your whole there,

Now, if you were me, would you put in your whole turnip crop next spring, top sown and rolled in? Well, for my part, I am so pig headed that I would stick to the old ways of our fathers, even with twice the trouble.

fathers, even with twice the trouble.

It was a ticklish job cultivating those roots. Let the tooth catch the edge on so domoliceld in a critical and down came the whole structure. With the potatoes, it was an easier; as I used a one-horse hiller the country of the control of matter; as I used a one-horse hiller that they call in Old Ireland a "sad-dle." The two mould boards would gently draw the earth up, adding to the size of the drills and at the same

one size of the drills and at the same time compacting them down. Now, "the proof of the pudding is in the eating." We are digging our potatoes. The few hills I dug up were all full of potatoes of good size, and there is no reason to assume the rest of the crop is below the sample. The turnips are doing well. But on the dale not cross-plowed, they are the dale not cross-plowed, they are visibly not so good as on the other. It should be a great piece of ground for wheat next year; and on a three-pear rotation a better crop of roots later. At times though, it was dis-heartening. heartening.

Controlling Contagious Abortion BORTION is one of the greatest menaces of the dairy farmer, be his herd pure bred or grade. Many farmers are now giving their

a substitute for alfalfa hay or as a substitute for alfalfa hay or clover. The threshing, of course, destroys some of the leaves and finer particles, but these can be used by cattle or sheep if they are saved. The pods are probably fully as valuable as alfalfa hay. Bean straw is especially reliabed by the breeding or especially relished by the breeding of fattening flock. It should not be fed as an exclusive roughage, but, like alfalfa hay, should be fed along with other roughage in the proportion of one part of bean straw to three or four of hay, corn stover, cane hay, or feeds of like character.

OXFORD DISTRICT HOLSTEIN CLUB

"JHE Oxford District Hoistein Club sale at Woodstock on December 12th, will arm among the best year."

as by the sale of the s

more head and their receipts.—
M. H. Haler, 3 head, \$890; A. Dunn, 3
head, \$466; M. L. Haley, 5 head, \$1,046;
J. G. Currie & Son, 3 head, \$400; M. Theomeon, 6 head, \$900; L. Haley, 5 head, \$100;
Theomeon, 6 head, \$900; L. Head, \$116;
M. McDowell, 3 head, \$450; W. C. Prouge,
5 head, \$780; Oswald Wallace, 5 head, \$900.

M. McDowell, 3 head, 480; W. C. Poune, 5 head, 5780; Oswald Wallace, 5 head, 5 h

#### GLENBOYLE JERSEYS.

GLENBOYLE JERSEYS.

DURNG a visit to Oxford county this next suturn, an editor of Farm and Edy Jersey dropped in to the State of State of

### Representative Wanted Good Salary Paid

W E are tooking for several men to become permanent district representatives for Farm and Dairy in various parts of Ontario and Quebec,

Each man will be paid an excellent salary; also a good commission in addition on all business turned in.

As the nature of the work involves the handling of considerable sums of money for us, we expect each han to be prepared to give us a bond or security for a reasonable amount.

Applicants are also requested to furnish three or four testimonials as to character and integrity, from responsible men.

Representatives will be given ex-clusive territory, consisting of sev-eral counties.

The work will consist of securing new readers for Farm and Dairy among the farmers; also getting renewals of present subscriptions. The district representative will be permitted to appoint local agents on commission wherever he sees fit, and on all business turned in by these local agents, the district presentative will receive a commispresentative will receive a commis-

A member of the regular staff of Farm and Dalry will accompany the district representative at first for the purpose of assisting him is getting started, and giving him suggestions and training in the best methods of business getting.

The men we ongage as staff representatives will have permanent jobs, and the opportunity of building up a profitable income for them selves in their chosen territory.

Write us at once. You may be the man for your territory.

FARM AND DAIRY, PETERBORO, ONT.

there were only two cows under test, Fontaine's Belle of Dentonia was expectively a record of about 10,300 has of rolls and over \$50 hs. fat. This will be the highest production for a Bersey or starting her test at 10 section of the starting her test at 10 section will be about \$30 hs. fat. This will be about \$30 hs. fat. the should be set to be about \$30 hs. fat. the should be shoul

Canada that has beaten 13,000 has cally ...

Clenboyle Jerseys are like of collection and they locally a collection and they locally ...

They are larger most controlled they collected to the imported cattle and that larger most of the imported cattle and that larger that Mr. Boyle and the collection of the imported cattle and that larger they have the collection of the

A CALL TO ACTION Is sounded in this issue of Farm and Dairy. See page 11.

# What Single Tax Will Accomplish

THE taxation of all land values up to the full amount of the rental value is the aim of those who believe in the single-tax philosophy. They would tax land heavily as a means not only of freeing the hard the value of value of

rows at once. But this method was I have a little seeder that works on the level and does one row at a time. This, too, I tried, but it clogged in no time. Then I called to the rescue the potato planter, and with it drilled up the ground, sowing the fertilizer, but no seed.

So there was nothing but to hand ow. To do it, I went ahead and opened the rows with a hoe, while my small boy followed with the bottle, later closing the seed-bed with the hoe. Perhaps some of the juniors don't know how to bottle-feed a turnip field. The cork of a quart bottle is pierced, a goose quill stuck through, and the bottle filled with turnip seed. through the quill the seed drops in about the right quantity in the opened drill. My small boy had a way of giving the bottle a shake at every nine inches or so, with the resuit that less seed dropped between these spaces, and so less thinning was needed

We had finished seeding all but shout ten rows, when it started to rain. For some important purpose the lad had made a sort of wheel-barrow, the wheel or roller being a round piece of wood about eight in-ches in diameter and the same long. So, without opening the drill, the lad continued to sow the turnip seeds on the peak of the ridge, while I followed with the "monocycle" aforesaid, and

rolled them in. There is a modesty which refrains from disclosing such a heterodox method of seeding as these ten drills got; and we two were pledged to

cows regular treatment, even when the disease is not present, as a measure of prevention. Here is a plan followed with good success by many

At the drug store buy a pound or two of a mixture of 75 per cent potassium chlorate and 25 per cent. sodium chlor-ide. Mix intimately. To each pound of this mixture add as much potassium permanganate as can be held on a dime. Dissolve a teaspoonful in warm water at blood heat. Use a vaginal douche every week from freshening till the cow is bred. If there are brown-colored discharges indicating an unhealthy condition of the organs, douche every day until the discharges

A convenient way of douching is to take a yard or so of half-inch rubber hose, add a funnel to one end, and her hose, add a funnel to one end, and insert the other end in the vagina. Hold funnel up above the cow and gravity will force the water into the vagina. Disinfect the hose in using between each cow, so that infection, the present, will not be distributed.

This method caste for eternal vigilance. "But it is the best paying work we can do," remarked one extensive breeder, who follows the method con-

## Bean Straw Valuable

ARRIMERS who raised a crop of beans this year have at hand a valuable feed for horses, cattle, and sheep. The bean crop is a leguminous one, and the straw can be used