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FARM AND DATRY

FARM CHATS

On Summer Fallow

Ry "Thaddaus"

E VER since the second year of the war, when rich ladies in auto-mobiles called on the poorer classes and asked them to not waste

anything, has the conservation of food

anything, has the conservation of food been kept before the notices of the Canadian people. This is a good thing. Many people have learned much of the real food value of common things at their disposal. It has been a real odu-cation to some of us. Yet it seems to me that as tillers of the soil we can learn much about 'food conservation' is another time. I mean the saving of plant food. I believe it is as truly say other', furthermore, there is as great a used for the saving and pos-sibly as much vato learn about it as

sibly as much yet to learn about it as

Recently I had occasion to walk

across several farms in a cortain com-munity and I noted that the bare summer fallow was much in evidence.

There is much diversity of opinion upon the advisability of having this

kind of fallow which might be a good

subject for discussion in some of our

farm papers. But why fallow? Prin-cipally for three reasons-the killing

of weeds, the making of plant food available and the storing up of soil moisture. When walking over several

of these fallows in this district it was

very forcibly impressed upon my mind that some mon at least were entirely ignorant of these three principles, or

else did not care enough about them

One farmer who had plenty of help and horse power had manured the land well, and had plowed it in, then

given it one stroke of the harrows and left it. The day of my visit was after

one of the heavy rains we had and a crust so hard had formed on the soil

Just over the line fence was a fallow

While standing there I applied the

Supposing that the moisture con-

of the season were equal, the inan who did not work his land had lost much of this valuable and necessary element by the manner in which he handled, or rather did not handle his land.

Allowing a hard crust to form on the

surface and by not keeping the top worked he allowed the sun and wind to evaporate the moisture from the surface. Nature tries to maintain an

equilibrium in all things, consequently,

molature from the lower strate was

any other

to apply them.

VER since the second year of the

drawn to the surface and a constant loss of soil water was kept up. The other farmer who worked the surface broke up the many lines of moisture traffic and retained it in his oil to be of service for future gron Here he wins.

Yet this is not all. Plants can only make use of or assimilate food in two forms, viz., as liquid or as gas. Is it not clear that when we allow the Not clear that when we allow the evaporation of moisture from any soil we also lose with it a certain amount of plant food? When moisture es-capes will not vaporized plant food escape also? So we have a double loss. In this case the unattended summer fallow was a great source of loss to its owner and he was defeating, in a large measure, his own ends. Doubt less if our lady friends with auto-mobiles, referred to above, ever studied the question this far they would tell us that we were working for the Kaigar

A Visit to O.A.C. (Continued from page 4.)

might be looked upon as a supreme tost for hardiness. This year's test test for hardiness. This year's test clearly stamps O.A.C. No. 104 as a most promising wheat.

The spring wheats looked excellent. esides a number of college strains being tried out, the Marquis and two other early variation brought out by Dr. Chas, Saunders, of the C.E.F., were being tested and were showing up well. The college had a strain of a most promising spring wheat in yield, and good in quality, whose characters are fixed, which hasn't been sent out yet, as it wasn't desirable to push too many new varieties at once, but which is likely to be heard from some time eight different wheat species growing side by side were quite inter-esting, vis., the ordinary spring wheat

escang, vis., the ordinary apring wheat, varieties, goost wheat, club wheat, Emmer, Spelts, sole and two scievrs. In barley, while McLeary, Mand-scheuri, Oderbrucker, hooded barley, or awnless two-rowed and new crosses were being tried out, none of them seemed to have anything on O.A.C. No. 21, which not only showed well in the small plots, but in the large ones as well. A winter strain of barley is bewell have a place yet in field agriculture.

A number of varieties of oats and A number of varieties of oats and crosses were being tried out as usual, but the O.A.C. No. 3 for an early oat and the O.A.C. No. 72 for a late one were quite outstanding.

The fall ryes stood the winter test well on the plots. The O.A.C. No. 61 and the Petcus gave the best promise and seemed to be the last word in rye. The pea plots were most flourishing. Golden Vine, Canadian Beauty, Little Britain and Arthur varieties all

gave excellent promise. The hos crops were more o

backward, especially the corn, but the stand was a good one. Given suitable weather conditions the hoe crops will be fine.

The potato experiments were very interesting in noting the difference in vigor of growth of seed of the same varieties, but obtained from different sources in the province. Some of the diseases were already showing up, so that they could be recognized. Vigcr-ous plants were not always in evidence from those sources of seed from which one would naturally expect them.

One cannot begin to cover all the One cannot begin to cover all the vanable experiments in thick and this seeding with fertilizers and with other crops not already noted, but a visit to the plots at most any time be-fore they are harvested will amply re-pay for the time involved.

Poultry needs green feed. Mangels, beets, carrots and cabbage are very good. These furnish food and act as a conditioner. Hang them up or nall to wall which will keep them clean and at the same time be convenient for the birds.

Augus' 1, 1918



BY TENDER

the Matter of the Estate of Robert B, Whyte, of the City of Ottawa, Retired Merchant, Deceased,

The Toronto General Trusta Corpora-tion, Executors and Trustees of the above estate, will receive TENDERS

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a. ". Model barn for a hundred-aers The farm is now under the manage-ment of a very canable foreman, who might continue in such capacity about a a "rotage concern". Arrousements are believe mode to con-transport and the such and the transport of the such and the such

THE TORONTO GENERAL TRUST CORPORATION, Executors, 50 Eight Street, Otlawa, Ont

August 1

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