Address communications to Agronomist, 7s Adelaide St. West, Toronts

Winter time is usually the rest time ered last year. He would doubtless have been \$20 ahead of the game if these take their summer vacation in the winter. Too often this "yacation" is continued until the spring work drives them to the field.

Many an implement is all to bothered last year. He would doubtless have been \$20 ahead of the game if he had overhauled the binder last winter and replaced the part which is memory said had caused trouble before.

tool shed which has the sky for a roof and possibly one or more barbed-wire job.

fences for sidewalls! Such implements have depreciated approximately seven per cent. since last year. Pretty heavy tax, isn't it? And they are certain to receive no attention until the day next spring or summer when the fifty cents to \$1 per hour for good. wants to develop more efficiency his business as a rural gentleman.

PUT WORKSHOP IN ORDER.

It is high time now to bring that vacation to a close. The first thing to be looked after—if it needs it—on the well-regulated farm in preparation for putting the implements in A-1 shape for spring, is to have a workshop and have it in order. Frequently I go into the workshop on a farm and find that it has become a catchall—just a junk ahop, having the accumulations of scraps, and broken things for the Lord knows how many year! The first thing that should be done in such a shop is to clean house. Load all of the scrap and junk onto the wagon or truck and haul it to the junk dealer. He needs it in his business. You He needs it in his business. You in your service requirements as don't. I need not suggest that perhaps you were a government inspector. after you have taken out bolts, etc., which may be useful, to make a full

acres, whereas in fields 25.2 acres in extent, 9.1 acres were tended with the one-row machine.

The air around an incubator is improved if you use high-grade oil and have a fresh wick for each hatch. The burner can be boiled in hot soda water to remove gummy accumulations. They the wick will turn easily and the flame is more easy to regulate.

Do not worry too much if a few chicka die in the shell. I understand many experienced poultrymen are satisfied if they obtain close to fifty percent. hatches as an average for the aggs is much higher and it must be that even the best of poultry keepers dannot be sure of hatching every egg.

Breeding stock will produce a larger per cent. of fertile eggs if they are allowed free range as soon as weather conditions are at all favorable. Bahencad rations in the winter laying house are necessary, but fresh green grass, angleworms and exercise on the soff it the original formula for poultry vigor and thrifty chicks.

Size and Shape of Fields. The disadvantage of small fields on farm is a hardship that any efficient armer finds it difficult to overcome.

cause of woman smiling when a departing guest stands at the open door and leta ers try to check up on the

WINTER IS THEIR VACATION. miles to get a new part. Said it both-

drives them to the field.

Tools, implements and machinery rot or rust down just because some part has failed and the farmer thinks only in terms of what it would cool to load the implement, haul it to town and pay the blacksmith and woodworker good high fees for doing the

day next spring or summer when the fifty cents to \$1 per hour for good, rush of work demands their immediate faithful work and thus get the tools rush of work demands their immediate faithful work and thus get the tools use. For the type of farmer who abuses his implements this way there is little hope of improvement. This story is not written so much for his benefit as for the farmer with a good can stick your legs under your own works to develop more efficiency in into your own woolen blankets at to develop more efficiency in into your own woolen blankets at night!

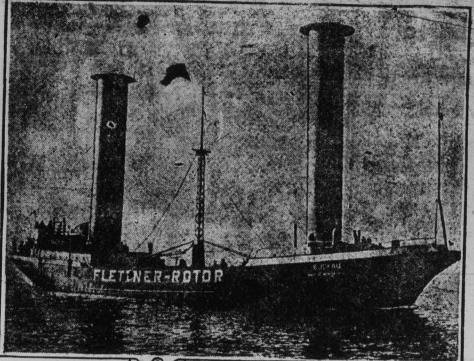
Well, pull the tractor into the shop the first thing. If you are inexper-It is high time now to bring that ienced get a neighbor who knows how acation to a close. The first thing to to do it, and learn by acting as his

PROFITABLE USE OF PAINT. After all of the working and wear-Get all the working tools together and fix them up, getting every tool in

dginal formula for poultry process, thereby making his labor much more efficient.

In these days of high-priced labor on farms a factor like this is of much more importance than it formerly was.—F. S. P.

WILL BE GIVEN COMMERCIAL TEST





ROTOR SHIP TAKING CARGO TO ENGLAND

Anton Flettner's sailless wind rotor vessel, "The Buckan," has been chartered to carry a cargo of timber from Danzig to England. The strange craft has given satisfactory results in tests, but this is the first time it has come in competition with the regular sail or steam vessels. The Buckan is propelled by the action of the wind on large rotating cylinder masts. It is shown above together with its inventor and navigating officers.

which may be useful, to make a full location of the working and executed for the working and executed f



Here's a colder who never answered the cook-house call. This sternlooking senery was molded in the snow with the aid of a spoon and knife. -E. C.

Is that so, I asked myself. John was recounting his experience with an eminent specialist whom he had consulted about treatments for his steadily increasing deafness. The specialist had bluntly told him that he'd better not waste his money on treatment for his trouble was incurable. And now comes John to tell me that it is rare to find a really honest doctor. Is that so, I ask.

I ask.

I know doctors. I know a lot of them and I know them in a way that John Buck never can know them, stripped of all their airs and mysteries. And I say that it is not rear to anywhere. ies. And I say that it is not rare to find an honest doctor. John Buck might have gone to a doctor specializing in ear diseases, a man just as honest as the one selected, yet one at the base, leading into the hollow trunk."

Treatment was no opening to be seen anywhere.

"Why," said the naughty little Bunny, "I am sure we have the right tree! And I know there was a hole at the base, leading into the hollow trunk."

average size of 5.7 acres it was found that one man plowed 1.64 acres in temptors are started on the floor is free from jarring the member of the member of the series of

My Chore Hours Are Shorter.

Although we are keeping the usual amount of live stock, which consists of about thirty hogs, having four brood sows, a flock of forty sheep and from ten to twenty head of cattle, the time required to do the chores has practically been cut in two by the simple method of putting in water tanks where each kind of steek can have accept to the little of the contract of the contrac cess to it at all times, and by building seif-feeders. I know that it is worth the time of any busy farmer to see how he can simplify his chore job by installing these two labor-savers.

THE CHILDREN'S

SALLY SQUIRREL'S VALENTINE. It was the day before St. Valen-tine's Day, and, because Freddle Squirrel liked little Sally Squirrel

nice to send her a valentine.

Of course there were no letter-boxes in the woods, where Master Squirrel could mail the valentine but there was an old walnut tree with a hollow trunk and, as Sally lived with her Papa and Mamma in the top of that very tree, Freddie decided to place the valentine in the hollow trunk at the base where Sally would be sure to find it in the morning when she scampered down to the ground.

So, when evening came, he put on his little snowshoes, for a heavy snow had begun to fall, went out as he had planned and put the precious valentine carefully in the hole at the foot of the tree.

Now it happened that a naughty lit-tle Bunny saw what Freddie Squirrel had done and decided it would be great fun to play a trick on him. So he told a number of his little friends that Master Squirrel had put a walen-tine in the hollow trunk of the old walnut tree.

"Suppose we wait till midnight and then take the valentine and put a An Honest Doctor.

"The thing I liked best about that doctor was he was honer with me," said John Buck. I tell you, it's rare to find a really honest doctor."

Is that so, I asked myself. John was recounting his experience with an empensation of the same and the sa

and control of smut; with seeding the stables. Formerly, I pixed it in dates, rates and depth; with summer shallow layers where it was most confallow and substitutes, including cultural tests; with cultural experiments, ing on the spreader that much of the treatment of stubble land, treatment horse manure was fire-fanged, and of sod land, preparation of seed bed, that it appeared to have life, types of drills cultural treatment to the property of the Agricultural treatment to t types of drills, cultural treatment to I then, upon the advice of the Agricontrol rust, and cutting at different cultural Representative, piled it up stages of ripeness; with manures and near the barn with vertical sides. The stages of ripeness; with manures and fertilizers, barnyard manuring, green manuring and commercial fertilizers; with rotation of crops, arly rotations, rotations under test from 1910 to 1921, and with cost of production, wheat on summer fallow and with wheat on stubble land.

near the barn with vertical sides. The pile was made as deep as it was convenient to pitch, and frequently I would tramp the pile down to make it firm. Built in this manner the manure would leach very little and the creefanging seemed to be prevented, especially where we mixed the manure from the horses and cover. P. I. nure from the horses and cows .- R. J.



Rabbit-"Great scott, who are you!" "Why don't you know me? ""

Forcupine, and 've had my quile bobbed-tee-real'