

By Agronomist

This Department is for the use of our farm readers who want the advice in expert on any question regarding soll, seed, crops, etc. If your question of sufficient general interest, it will be answered through this column. If need and addressed envelope is enclosed with your letter, a complete wer will be mailed to you. Address Agronomist, care of Wilson Publishing Lfd., 73 Adelaide St. W., Toronto.

Save the Soil. Never before in the history of Canadian agriculture has there been any such a tendency toward the de-letion c suit critity. Thousand of farmers in our richest agricultural going to be the result of the present gring away Thousands who were at one time growers of good cattle, sheep and hogs are be-coming soil robbers. The high price of grain is tempting them to sell in-stead of feed out the crops. One may build up his bank account by by may build up his bank account of that process for a few years, only to find that he has really been selling his farm by the wagon-load. Every consideration present and prospective, points to the importance of maintain-the industry for many years. There farmer is affected by reduced fertility and consequent declining yields. Then and consequent declining yields the tually must turn, there is going to be tually must turn, there is going to be ng and increasing the fertility of the land, and this is just the reason why every farmer in Canada whose land will support live stock ought to find some way of utilizing good animals in his system of farming. The farms on which some sort of live stock may not profitably be maintained are few and far between.

The high price of grain has not continued long enough to enable any-one to measure its full effects, nor have we any means of determining whether the conditions which are hold-ing the price of grains to their present level will continue long enough for the full effects to be realized. One ef-fect, however, is plain, that it is checking the movement toward crop rotation, stock feeding and maintain ing the fertility of the soil. Should this continue for years to come, we fear that this terrific waste of fertil-ity that is going on will not only con-thue but actually increase. It is going to take a number of years to measure the effect of this up good pastures and put them in the stock but use better are. Do not break give them better care. Do not break

years to measure the effect of this up good pastures and put them in drifting away from live stock on the grain because they offer a profitable

And when a man has once I turns.

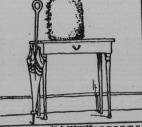
generation of farmers drifting away from live stock farming on the future The dif generations of farmers? The dif ficulty of teaching the coming gener One ation how to care for live stock is sure to hold back the development of the industry for many years. Therea mighty problem of restoring the wasted fertility and a mighty hunger for knowledge of live stock feeding

and soil management. One thing is certain, that unless there is a complete change in our methods of farming, grain will never been in former

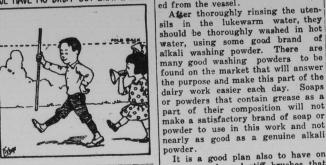
ot profitably be maintained are few and far between. The high price of grain has not mands for it besides feeding it to live

difficulty, even when grain was bringing moderate prices, that farm-res could be resrueded to show the sole of the live

FUNNY FOLD-UPS



I'LL GO AND BORROW MOTHER'S MUFF, I THINK THE FUR IS JUST THE STUFF TO MAKE A TALL DRUM MAJOR'S HAT WE HAVE NO DRUM - BUT WHAT OF THAT



To Blast Big Stumps. About the first work I did with dynamite was to tackle a big field of stumps. For this I used a 40 per cent. grade, which is about the proper thing to use for stump-blasting on ordinary soils. I find that on low, boggy ground, where the stumps are very large and tough, it is more economical to use a higher grade of dynamite, such as 50 or 60 per cent., placing it under the stump and firing blasting the utensils dry very quickly. dynamite, such as 50 or 60 per cent., placing it under the stump and firing electrically by a blasting machine. All very large tough stumps over three feet in diameter, such as: oaks, hickory, and elm, sheuld be blasted only by this method. The distributed charges will then all go off together, and the combined effect of the several charges so dis-tributed will give a much better blast

tributed will give a much better blast than putting the entire charge in one hole bored directly under the stump. bringing moderate prices, that farm-ers could be persuaded to change from growing grain for the market to stock grower, and as live stock can-growing grain for the market to stock farming. Nor is this to be wonder-ed at; for the growing of cattle, sheep and hogs is an entirely different type of farming. It is an easy matter to develop a profitable system of grain farming on productive land, but the eyears for production to get back to make live stock yield maximum redigging of this ditch he encountered several large willow stumps which were at least one hundred years old but still in a pretty sound state of preservation. Knowing that I was preservation. Knowing that I was accustomed to using dynamite, he called upon me to blast out these stumps standing in water, for it was too wet and boggy to get them other-

large ends point toward a common centre. While intense light is passed wise I find that blasting for tree-plant-

GOOD HEALTH QUESTION BOX

By Andrew F. Currter, M.D. Dr. Currter will answer all signed letters pretaining to Health. If your question is of general interest it will be answered through these columns; if not, it will be answered personally if stamped, addressed envelope is en-closed. Dr. Currier will not prescribe for individual cases or make diagnosis. Address Dr. Andrew F. Currier, care of Wilson Publishing Co., 73 Adeiaide St. West, Toronto.

FALL SETTING OF STRAWBERRIES

S #Dairy 3 Conception of a dairy is the cleaned and rinsed thor output tensils. They must be cleaned and rinsed thor output tensils. They must be cleaned and rinsed thor output tensils. They must be cleaned and rinsed thor output the water in the milk from evaporating and the solid mitter sticking fast to the utensils. If it is found impossible to wash the utensils at once, it will be a good plant utensils at once, it will be a good plant to transe them in lukewarm water should never to the milk will be removed before it has not a chance to stick fast to the pail or 'cow. Hot water should never weater first, as the hot water will cogulate the casein in the milk will be removed with the lukewarm water first, as the hot water will therefore require a great amount of washing before it can all be removed with the lukewarm water first, as the hot water will cogulate the casein in the milk will be removed with the lukewarm water first, as the hot water will cogulate the casein in the milk will be removed with the lukewarm water first, as the hot water will cogulate the casein in the milk will be removed with the lukewarm water first, as the hot water will cogulate the casein in the milk will be removed with the lukewarm water first, as the hot water will cogulate the casein in the milk warm water first, as the hot water will cogulate the casein in the milk will be removed with the lukewarm water first, as the hot water will cogulate the casein in the milk warm water first, as the hot water will cogulate the casein in the milk will be removed before it can all be removed with the lukewarm water first, as the hot water will be made and will therefore require a great amount of washing before it can all be removed before it can all be removed with the lukewarm water first, as the hot water will be made and will be removed before it can all be removed before it

culture, hence, what was the use of endeavoring to establish the new plantation at a season when favorable weather conditions were so much more problematical. Another thing, the labor of creating a fine mellow root pasturage with plants occupy-ing the ground, would be greatly aug-mented. Indeed, I figured that to place a piece of ground in as excellent alkali washing powder. Instead and many good washing powders to be found on the market that will answer the purpose and make this part of the dairy work easier each day. Soaps mented. Indeed, I figured that to place a piece of ground in as excellent a condition as is possible when larger, deeper working tools may be used is practically out of the question; hence, sizing the matter up in the light of the experience I then had, I decided that the fall setting of strawberry plants had nothing to offer us. But for some time back I have been looking at the promosition in the light that contain grease as a part of their composition will not make a satisfactory brand of soap or powder to use in this work and not nearly as good as a genuine alkali It is a good plan also to have on

the plants will come at a season when ing action upon the soil of "Sugar other work is far less pressing. With Weather." One of my helpers said, other work is far less pressing. With a large amount of work of this sort to be done in the spring some of it must necessarily be neglected; hence, any plan or system that promises to relleve the pressure of work at this time is worth a fair trial. As time passed the attractiveness of the plan increased until I decided to try the increased until I decided to try the Whatever may be the outcome it is plan out. So this fall an acre of certain that one feature of advantage

Bad eggs are unfailingly detected y the camera. This has been demby the camera. This has been dem-onstrated in France, where experi-ments are being conducted with a To begin with, the ground used was be transferred from this busy time to in peas this summer. 'As the rain-fall has been deficient since pea har-vest the ground was not moisture-saturated as may be secured under be transferred from this busy time to a season more convenient, a very de-cided advantage will be gained. After all due care and protection, spring growth may show up plants photographic egg-testing apparatus, says Popular Mechanics Magazine. says Popular Mechanics Magazine. The idea of utilizing the camera in-stead of the human eye for candling is a new one. So far it has not been need the laboratory stage, but

Popularity.

plants had nothing to offer us. But for some time back I have been looking at the proposition in the light of greater experience and can now see how, if fall setting can be made suc-cessful, the plan offers one very decid-ed advantage to us, viz., the setting of the plants will come at a season when

plan out. So this fall an acre of new bed has been set as an experi-ment. Conditions of sol and weath-er were not ideal. If the plan is a success this time, it will be possible to make late fall setting successful under average fall weather conditions, so it seems to me. To begin with, the ground used was. To begin with, the ground used was.

saturated as may be secured under spring growth may show up plants ordinary spring conditions. For sev-eral weeks after pea harvest the soil remained almost dust dry. Then a shower came to moisten the soil down

"Country of Mine."

Country of mine, that gave me birth, Land of the maple and the pine, What richer gift has this round earth Than those fair, fruitful fields of thine?

Like sheets of gold thy harvests run. Glowing beneath the August sun;

Thy white peaks soar,

Thy cataracts roar, Thy forests stretch from shore to

shore: Untamed, thy northern prairies lie

Under an open, boundless sky; Yet one thing more our hearts im-

plore-That greatness may not pass thee by!

-Helena Coleman.

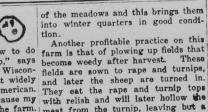
The Farmer's Office.

Farmers are not slow in recognizing the value of an article or method one with only a few friends is sen erally a man of better principle than is one with only a few enemies. The former usually doesn't seek popu-using 'em, too.

a few enemies. doesn't seek popu-later generally does. The typewriter is especially useful, The typewriter in a standard way It is easy for anybody to become as it writes letters in a standard way that indelibly stamps the sender as a When a person has only a few ene-business man. For the sake of the letter alone the typewrit worth owning; but it has other uses which help prove its value. Carbon copies of all letters written can easily and conveniently be made by inserting a sheet of carbon paper and a "second sheet" under each letter written. Carbon copies are accepted as evidence Card index records in the courts. can be printed by the typewriter; also bills, loose-leaf records, etc.

SheepHotes

for a few hours the first day; an hour or two longer the second day; and the time gradually increased until at the end of a week they have complete possession of the fields. The lambs are permitted to enter the corn before it is cut and they deem up on the ed with corresponding effectiveness cut and they clean up on the ed with corresponding effectiveness is and lower corn plant leaves. by the use of sheep on the farm. weeds and lower corn plant leaves. Lambs do not pull down the lower ears of corn as do the sheep. Roots are grown for the cattle and sheep on Mr. McKerrow's place, and after the larger roots are hauled into storage winter use, the sheep are turned for into the field and eat the smaller ones that remain. Both the sheep and lambs turned into the aftermath are



"I would like to know how to do good farming without sheep," says Mrs. George McKerrow, of Wiscon-sin, one of the best and most widely known sheep breeders of American, "Why?" he continued. "Because my sheep use up the wastes of the farm. They clean up the grass, weeds, brush and gleanings, and in so doing turn into cash what otherwise would be lost." "Sheep," he says, "make the most economical gains of any kind of live stock because they clean up the olds and ends. They are particularly useful on the farm in the fall of the year, for they turn into mutton the things that otherwise would not be used. At the same time they save the feed stuffs that would be given them if they did not have access to

them if they did not have access to these other things." After harvest, Mr. (McKerrow's sheep are turned into the oat fields for a few hours the first day; an hour or two longer the second day; and the

cines more hopeless and useless, so far as cure is concerned, than in those

cure them, when once well

opium to relieve pain, quinine to cure malarial poisoning, mercury to cure syphilis, and salicylic acid to cure

Many people honor a person for sel-fish reasons. They think it pays Many people honor a person for sel-fish reasons. They think it pays them to have his good will. A humble person may after all have as many real friends as an honored one. The friends of the former are generally true, being friendly because of admiration for him and not because they are seek-ing worldly favor. He knows who his true friends are, but the other doesn't. When an apparently popu-lar man fails in a financial or any other way which reduces him to a humble position he soon finds who his true friends are. Unless he is a very bad character, one with only a few friends is gen-

interest

half dozen

since the soldiers began to rendezvous here I've been called to the colors.

It is possible for a person to be undeservedly popular. His popular-ity may not be due to good qualities, but to wealth or other advantages. centre. While intense light is passed through them, they are photographed. A powerful lens is used and an ex-posure ranging upward to three minu-tes is made. The result is a picture that shows the size of the air chambers in the eggs.

A Patriotic Urge Colonel Grimbattle-Why so gay? You were in deep mourning the last

time I saw you The Widow Lookabout-I was. But

Camera Used to Candle Eggs.

carried past the laboratory stage, but

its commercial utilization at present,

holes provided in a metal plate. Their

it is of more than passing Eggs are held in a half do

Popular

dairy

powder.



Farmers who ship their wool direct to us get better prices then farmers who sell to the general store.

ASK ANY FARMER! ANY FARMER! who has sold his wool both ways, and note what he says— or, better still, write us for our prices; they will show you how much you lose by selling to the General Store. We pay the highest price of any firm

We pay the highest prices of any firm in the country and are the largest wool deslers in Canada. Poyment is re-mitted the same day wool is received. Ship us your wool Foday - you will be more than pleased if you do, and are assured of a square deal from us.

H. V. ANDREWS

Poultry

Grass clippings are an excellent green feed for chickens. The back yard poultry flock of a family often lacks sufficient green feed with

facks sufficient green feed with a consequent reduction of egg and meat production. With the easy avail-ability of lawn clippings the poultry-man can always have green feed through the summer for his chickens. The fixek can be fed delly as much of The flock can be fed daily as much of the green clippings as they will eat. If any continued bowel trouble shows, the amount should be reduced. The remainder of the clippings can be alowed to dry and fed moistened dur-

ing the time between lawn cuttings. Amounts in excess can be dried for winter use. Dried grass clippings are a good green food for winter.

Ganada."

They can be dried and stored in sacks. These died clopings, moistened and fed to the flock, are a very fair subheumatism. stitute for the succulent green feeds the sea proprietary medicines are made in North America; who would be foolish

of summer.

Pay More and Eat Less.

Pay Mose and Eat Less. "One could eat two meals in succes-slom very easily in London, and leave the table slightly minus the self-sat-isfied feeling to be got by unrestricted eating in any American Cafe," writes Raymond B. Bolton, a newspaper cor-respondent. "In addition one has to naw more on the average for a meal more on the average for a meal than in the United States or ada."

Some nervous diseases are self-

ease has good food, plenty of sleep,

of good money to buy medicines, and not. to expect them to cure disease will almost surely be disappointing. Three medicines and perhaps four the world could not well do without,

was, it did not fill the want for good was, it did not fill the was, he sea. More than thirty thousand different orth America: where where made in most of the others were dumped into ease remains,

E. P.-Two years ago, my husband, North America; who would be foolish enough to imagine that they would do what they are advertised to do for who is forty-five years old, began to those who buy and take them. If the money spent for them were used in buying good simple food, how much better everybody would be, ex-cept, of course, the patent medicine Bome nervous diseases are self. Some nervous diseases are self.

limited, they burn like a candle until Epilepsy, which you may read.

Bt. Weet, Toronto. Remedies for Nervous Diseases. In no class of diseases are medi-cines more hopeless and useless, so far as cure is concerned, than in those which involve the brain and spinal cord and the nerves proceeding from I don't mean that medicines are powerless to relieve some of their symptoms, but I do not know of any that will cure them, when once well

later generally

larity, but the

The first cost may be a bugbear to

cure cancer. Neither do I include in this sweet, he will get well in nine ing statement the milder forms of neuralgia which are often 'relieved and cured for the time at any rate, by external or internal remedies. In a great many cases it is a waste of good money to buy medicines, and In this habits, and is kept free from mained to the time at any rate, by external or internal remedies. In a great many cases it is a waste of good money to buy medicines, and In this habits, and is kept free from maine the milder forms of medicine. In a great many cases it is a waste of good money to buy medicines, and In this habits, and is kept free from mained to the time at any rate, by external or internal remedies. In a great many cases it is a waste of good money to buy medicines, and In this habits, and is kept free from mained to the time at any rate, by external or internal remedies. In a great many cases it is a waste of good money to buy medicines, and In this habits, and is kept free from mained to the weekly or daily churning for us, mained to the time at any rate, by external or internal remedies. In a great many cases it is a waste of good money to buy medicines, and inct. The pice-looking, high-class cream-the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate, by the mained to the time at any rate at a not. It is so benefited by careful reg-ulation of the diet and habits, and am free to say there are some power-ful medicines now used for it which are apparentily of great value. It may be too early to say wheth-er they will cure it permanently or not, they are not likely to cure those cases in which th



It is out of the question to make a churning each week with the big churn, and pack it down until used. We have a gallon and a half glass churn which we bought at our hard-ware store for a small amount two that our investment in Canada for the reduc-tion of fish and fish waste to fish meal, fertilizer, oil and glycerine. Consid-that our investment in Canada for the reduc-tion of fish and fish waste to fish meal, fertilizer, oil and glycerine. Considware store for a small amount two retrinzer, on and grotenne. Conducted years ago, long enough ago to know that our investment is a success and that it is the real way for the farm-er to have butter upon his table. This sterilized glass churn is cap-

"An easy job will suit me." "How about winding the clocks every week?" "I might make that do. But what's

Corks if steeped in paraffin oil for the matter with tearing the leaves, a few hours will make excellent fire-off the calendars every month?"

