

Soils and Crops

This Department is for the use of our farm readers who want the advice of an expert on any question regarding soil, seed, crops, etc. If your question is of sufficient general interest, it will be answered through this column. If stamped and addressed envelope is enclosed with your letter, a complete answer will be mailed to you. Address: Agronomist, c/o Wilson Publishing Co., Ltd., 73 Adelaide St. W., Toronto.

Beware of Frosted Clover.

Caution should be exercised in pasturing red clover after its growth has become checked by frost. Because many farmers have given their horses and cattle free range of clover fields after hard frosts in the fall, it is difficult to convince them that it is dangerous to utilize this tempting feed. There are many prudent farmers, however, who, knowing the danger of pasturing frosted clover will not permit horses, cattle or sheep to graze on it. If they do not fear injury to the animals, they have learned from observation and experience that there is no surer means of injuring a good stand of clover than to allow stock to graze and trample it down. Even though the frosted clover does not quickly injure the animals that graze on it, there is such certainty of injury to the clover plants that it is poor economy to let the stand become injured in the effort to find nourishment from feed of doubtful value.

The extent of injury and time required for it to become known is sure to vary with the condition of the animals given access to the frosted crop. The stock may have a regular ration of roughage and grain at the barn and no visible derangement of the stomach or bowels result, but this proves nothing as to the value of the frosted clover. It merely proves that under certain conditions it is not deadly and may be used with impunity. But when animals have no other feed than frozen clover, the conditions that will be followed by derangement of the bowels, which may be incident from forms of colic and acute indigestion, followed in due course by scours, constipation or severe inflammation of the bowels. Science has been unable to explain this. It has been noted that the digestibility of clover is affected by the frost. The digestibility of clover is affected by the frost. The digestibility of clover is affected by the frost.

First—The farmer should see that all dirt and cobwebs that may have accumulated through the summer are swept down and a good coat of white wash applied with a certain amount of disinfectant, such as is used on all farms, added to the white wash, in order to eliminate as much as possible any disease which may be present.

Second—See that there are as many windows as possible in your buildings and that the glass is tight in all of them, for there is no better preventive of disease than plenty of light. If it is not possible to have double windows for all your stables be sure to use north side in order to conserve heat.

Third—Ventilation is one of the most important things in live stock industry, and unfortunately, one that there is not enough stress laid upon. It is practically impossible to get the good healthy development and benefit from a feed consumed that we should have in our live stock.

Fourth—It is also very important to see that all boarding is tightly nailed down and all cracks closed in order to keep as uniform a temperature as possible and prevent drafts which are very detrimental to our live stock at certain times.

Poultry

Treatment for Fall Colds.
1. Clean dry, comfortable quarters should be provided, free from drafts.
2. Disinfect house with a five per cent. solution of formalin or some good antiseptic.
3. Wash heads of the affected birds with two per cent. solution of potassium permanganate and also put enough in the drinking water to give a deep cherry wine color. (Potassium permanganate can be secured from any drugist.) An amount of two will probably be sufficient. For drinking purposes use about what can be placed on a five-cent piece to a gallon of water. Remove all other sources of water supply.

The Dairy

Two representatives of the Belgian Department of Agriculture, Dr. G. Vanderheyden and Dr. H. Holeyman, are now touring Canada looking for Holstein-Friesian cattle and Belgian horses in anticipation of purchasing at the close of the war. These gentlemen have already visited a considerable number of the best Holstein herds in Eastern Canada, and express themselves as very much pleased with what they have seen. They are looking for type, size, constitution and production, and breeders will do well to remember that these are qualities that must not be neglected if we are to build up an export trade with Belgium, Holland, Great Britain, South Africa and New Zealand. All these countries are likely buyers of Canadian Holsteins when shipping facilities are again available, and owners of the right sort of cattle will be in a position to do a profitable business. It is worthy of note that all these countries prefer animals rather dark in color, the American fad for light colors never having made any headway abroad.

Calves that are weakly are best castrated later than the more robust youngsters. In the ordinary calf they may safely be operated on when a week or ten days old.

When needed, some frames full of sealed honey may be transferred. Bees that go into winter quarters with an abundance of honey are usually the ones that winter well. They need no feeding in the spring, for at that time they have sufficient stores with which to rear much brood for the early flow from the clovers. It is best to strengthen the colonies with both bees and stores while the weather is warm.

No Skirt Hanger.

Fold the skirt directly in the middle of the front and back breadths, then fold again, keeping the band even. Run a long button through the band and slip the pin over a hook or nail.

It is not Love that gives the clearest sight. For out of bitter tears—and tears unshed—Rise the rainbow of sorrow overhead. And beneath the rainbow is the clearest light.

Where silos are carefully filled, so that all air is excluded, there will be little trouble or loss from mould. You can't eat wheat and ship it.

FUNNY FOLD-UPS



There's Papa's coat and hat on the floor. Wonder how they'd look on me! The coat's a little large, you see. I don't know how the hat will be!



Nest Boxes For The Birds.

Before the leaves fall is the best time to choose the spots where the new nest-boxes are to be hung. If this is left until Spring there must be a long wait before the leaves are out of the way, and it is then very difficult to tell whether the spot chosen will be too shaded when the foliage has grown.

Possibly, however, the most important thing to consider first is the importance of these nest-boxes. So many have said: "We cannot stop to think about birds in war time." If you would stop to consider the essential marks of genuineness, was from a man who said he was 29, was in great distress of mind and body and had been told by a 90-called doctor whose name and address he gave, that he was suffering from various pains and diseases of the prostate gland.

One of the best authorities on birds has made the statement, after very careful observations, that if it were not for vireos, warblers, chickadees, kinglets, wrens and nuthatches, the insects destroyed by these small birds would quickly destroy our forests and set at naught the best work of the fruit-grower. The bluebird also has an excellent record as an insect destroyer, and of this bird a noted scientist has said: "One hundred bluebirds at even thirty insects a day (and they would devour many more) would eat in eight months (about seven hundred and sixty thousand) insects. If these birds were destroyed or driven away the result would be the devastation of the territory where these birds would have nested of about seventy thousand moths and caterpillars (a large proportion of these caterpillars) twenty thousand leaf hoppers, ten thousand crickets, and sixty-five thousand locusts and grasshoppers. What injury such a horde of insects could bring to the farms and gardens! And the bluebirds, the destroyers of these pests fatal to our vegetable life, can be attracted to any spot by suitable nest-boxes hung in suitable places and protected from dangers. Is it not time well spent?

Many of the small birds that work among the trees literally saving our forests every year can also be attracted by suitable nest-boxes. The natural home of the chickadee and the nuthatch is a hollow tree, not an easy thing to find about most orchards now, but a nest-box made out of an old log with an egg-shaped oval scoop out of it is almost sure to attract them. As to the invaluable little wren almost any sort of a nest-box will satisfy it, and no tenant will pay better rent for the value received.

A Prayer for the World's Rebuilders.

We send them off to school again today. This cool September morning. All the street is musical with patter of small feet. And little shining faces all the way. See wayside poses for our smiles to greet.

I wonder if they ever guess or know With what strange tenderness we watch them go?
Just children on their way to school again? Nay, it is ours to watch a greater thing— These are the World's Rebuilders, these must bring.

Order to chaos, comforting to sin, and light in blasted fields new trees of spring.
Dear Lord, Thy childish hands were weak and small. Yet had they power to bless the world withal. Grant these Thy little kindred strength as true— They have so much to learn, so much to do!

When you buy Shoes look for this Trade-mark on every sole.

GOOD HEALTH QUESTION BOX

By Andrew F. Currier, M.D.
Dr. Currier will answer all signed letters pertaining 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 enclosed. Dr. Currier will not prescribe for individual cases or make diagnosis. Address: Dr. Andrew F. Currier, care of Wilson Publishing Co., 73 Adelaide St. West, Toronto.

The Sin of Quackery.

There is a class of men calling themselves doctors and hanging out their sign as such, who pose as specialists in certain disorders which are very common among young men, but are not nearly so serious in the majority of cases as they are represented to be.

They also, as I have very good reason to believe, and diseases, particularly in the sexual organs of young men, which do not exist.

But because they impose upon these young men and tell them they have serious, exhausting and perhaps fatal diseases, they frighten them by false measure and extort from them large sums of money.

When they have drained their victims of their pecuniary resources, their interest in their welfare ceases. If a rejected young man can possibly raise more money he may be taken in by another sharper of the same kind.

When this money is all gone he awakens to the consciousness that he has been duped, and he is fortunate if he at length realizes that there is not and never has been anything serious the matter with him, and goes about his business with less and less worry about imaginary ailments, and their serious significance.

I am not now referring to the general diseases, those are certainly as bad as they can be painted, and there is a class of quacks which feast and gatten upon them, they may or may not be distinct from those to whom I have been referring.

I have many times received letters from the victims of the quacks' and charlatans to whom I am calling attention asking me to advise them. One of these bearing the essential marks of genuineness, was from a man who said he was 29, was in great distress of mind and body and had been told by a 90-called doctor whose name and address he gave, that he was suffering from various pains and diseases of the prostate gland.

This quack got \$40 out of him for three months treatment, he then told he must have \$75 for an operation, but as the patient did not have the money he was obliged to discontinue with the operation.

To sum up he had paid \$200, up to the time when he wrote me, was then out of work, was suffering unbearably pain, as he said, and begged me to tell him where he could have an operation performed to be paid for when he could get work.

Of course with this man and with many others who have written similar letters, the disease was mainly in the mind.

The Origin of Conspiration.

The Athenians had a mode of universal military training more like that of modern Europe than were most of the other military training schemes of the ancient world. Every Athenian youth was compelled to do two years of garrison duty at Piræus, the Port of Athens.

When a wealthy man was stopping at a Florida hotel, he inquired the hotel proprietor took advantage of the sight, and at the presented an exorbitant price for the receipt. "By the way, what cent stamp?" "Yes, sir," said "How many would you like?" "All," answered the guest. "How many would you like?" "All," answered the guest.

Neither France nor Germany continue the war with any intention of dealing with powerful drugs would be too expensive and they might do serious harm to the victim which would hurt the sharper's business in either case.

These sharp men should perform surgical operations when operations are called for or required is one of the causes for the direupture of legitimate surgery among large numbers of people.

WANTED

Highest Return
P. POULIN
288 BROADVIEW ST. TORONTO

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TRAP THE FUNNERS

Market Report
Supply Cattle
Genac Lovers
Trapping Guide
Shipping Tally
This is going to be the best year for trapping and fur hunting. More furs than ever before. Get ready now. Link over your traps. Get our FREE BOOK. Name, address, and city. Write to: FUNNERS' CROSS, 288 BROADVIEW ST., TORONTO.

MR. LEWIS MEETS A NATURE STUDENT

"You notice that you are a nature student?" "I do not believe he looks about it?" "I do not believe he looks about it?" "I do not believe he looks about it?"

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From Erin's

NEWS BY MAIL
LAND'S S

Happenings in the Interest of

A card reaching suggested as a supply problem in the sales of wheat in Ireland.

The Hon. John K.C. who died last year left an estate valued at £100,000.

The death of Lord Castre, Ontario, has been reported.

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