more can

igerator is

1918. the er in Engons: in the 400 to 770

Physicians

ssary. By

tack curred to are the yellow beetle, scalding water. blight.

The e

must be taken that they do not touch and bury it right where it is the plants as they are rather strong. The wilt disease of vine crops is

cullens of 3-6-50 Bordeaux. Lime- with the finger. If the material can be able improvement in the stock market- and made of aluminum and celluloid. craft and His later ministry, was a part "in the lake which burneth."

They are attractive and seem to add strenuous and untiring worker. His Donald Hankey said, "Religion is just betting your life that there is a God." effect in combination with the arsenate it is the wilt disease, as mone of the which bulls were loaned five or six of lead. A spray made by dissolving other causes possess this peculiarity. Years ago, farmers have felt warrant bred birds wearing them.

They are attractive and seem to add strendous and untiring worker. His bonass natural worker. His bonass natural strendous and untiring worker. a bar of laundry soap in a pail of There is no known remedy for this ed in buying pure-bred animals of Aluminum bands can be purchased him no excuse for idleness. He will one's mind, but "flinging ourselves and him no excuse for idleness. He will one's mind, but "flinging ourselves and him no excuse for idleness. He will one's mind, but "flinging ourselves and him no excuse for idleness. He will one's mind, but "flinging ourselves and him no excuse for idleness." warm water is excellent. It kills disease except prevention. A rotation their own. As a result, department—which are sealed with a soft metal touches and repells the of crops, not planting these crops in loaned sires are released and sent to rivet. This is of value when shippings every bug it touches and repels the of crops, not planting these crops in loaned sires are released and sent to rivet. This is of value when shipping learn to work with others, recognizements and repels the loaned sires are released and sent to rivet. This is of value when shipping learn to work with others, recognizements the Saviour of the world. rest. By pouring a barrel of water on succession on the same ground, will more needy districts. This is parbreeding stock to unknown customers, ing their tasks important and honorcommitted to the Saviour of the world,

business at least a week before and other insects; hence "get the creased. It is interesting to note as marketed for meat. When birds are time on other foliage, but descring it grower.

The vine crops appear, feeding this beetle" should be the slogan of the evidence of the economy practiced in sold as breeders they can be banded carrying out the policy that in one before shipment and then the hypers. as soon as the cucurbits come. Many The melon blight or rust appears year 426 bulls whose usefulness had will always be able to distinguish produce and pay me profits as it gardeners take advantage of this and about the time the melons begin to become impaired were sold for an them from his own stock even if the pure keresene or scalding water.

ground about blessoming time, where vine, there is but little use of sprayit crays until the plants wilt and die. Ing. The only preventive is to spray
the crops and pastures are of little value. The water dishes full.

No matter now dark the might of during the seasons when the ordinary best results cannot be obtained. Keep how stormy the day, I can go to this map and tell exactly where each tile Should take a little rest." a yellowish excrement on the out- the vines begin to run-and repeating ille of the stom. The only way to kill every week or ten days until the crop them is to so it the vine carefully with is matured. a sharp knife and remove them, covering the wound with fresh earth. Trap pants are often planted for them as the case of the yellow beetle.

The squash bug, often called stink is a bar! bug to kill, not succumb-

Pack up your lot and ship to us. We do the rest-fair gradinghighest prices spot cash payment. Try us.

WM. STONE SONS, LIMITED WOODSTOCK, ONTARIO Established 1870

## American Steel FENCE POSTS

THE POST without a FAULT No Clips By THE WIRE Co., Limited

the time. Therefore, the yellow beetle have no effect on coop. A dust bath for the chickens that they can eat while the old ones, dusted when they first them. If a spray is used, it must be gives much relief but, at the time if given such an opportunity, will governed by love will seek worthiness passed away; behold all things are beat frequent intervals one that will kill them by contact, they use it there are very few mites sometimes eat more than is at all as well as usefulness. For love, if it nil the danger is passed. Kerosene emulsion is one of the best on the hens. is sometimes mixed with sprays. This is made by dissolving a gets some of the beetles half pound of chipped laundry scap in The Undesirable Scrub Bull. me fails to drive away. | a gallon of hot water, and adding two Other designs are often used in place gallons of kerosene while it is boiling. That invariably defective animal, of lime, as lend plaster, road dust, to hot. This mixture must then be churn-

"traps" for set, appearing near the base of the average of 67 per cent. of their birds are very similar. halling them by pouring on plant in the form of round rust- original cost. colored spots which rapidly spread The squash vine borer is a grub until the leaves die. In a week or so

Controlling Chicken Mites.

nation to find them in nearly all parts learn and practice to advantage. of the coop. Therefore, you cannot and she does not relish the thought doubt, when these tiny pests are numerous, egg-production is greatly reduced and the growth of the younger chickens retarded as well as affecting

and pepper. This is probably their excrement and cast-off skins. The

About a week is required for the Whenever they cleaned their taken for the most part at night.

If these pests are at all numerous no half-way measures will give relief. majority are hiding in cracks, or simillar places, the daylight hours are the best time to apply remedial measures. I wonder how many such appliances

The first thing to do is to remove

ready for the application of a good

and retains its killing power for sev- If there is not plenty of natural

eral weeks, and in most localities it is shade to protect the fowls and chicks quite cheap. If used as a spray it from the sun's rays, make shelters of should be thinned by adding one part cloth, burlap, boards or brush, or raise The Social Task of the Church (Review). Golden Text oil. It might be well to strain it be- that the poultry can find a cool place fore spraying so as to remove any underneath. foreign particles that might tend to Water is very important for eld been before us in all the lessons of comradeship. He will regard he that clog the nozzles. Pure kerosene, or fowls and young stock in all kinds of the quarter is that the Christian law and honorable rivalry as a form of ing to either dust or spray. Vines on kercsene emulsion, used at double the poultry. Unless they have free ac- of love is the law of our common hu- co-operation, in business as on the Although the grower of melons, cu- which they are numerous should be strength usually applied to plants, will cess all the time to a fresh, clean sup-Although the grower of melons, cuwhich they are numerous should be strength usually applied to plants, win cess all the time to a fresh, clean supcumbers, squashes, etc., is especially pulled and burned. Flat boards may destroy any mites that it hits, but it ply in clean dishes, you cannot expect
cursed with insect pests and diseases, be laid on the ground in the patch, deesn't penetrate into cracks very the best results from your investment.

God is love, and he that dwelleth in We have learned also the application may. As the chicks grow they require yet, if when in time, most of these under which they crawl at night. In readily and so the application may. As the chicks grow they require The life and ministry of Jesus Christ ed and active in all efforts to make the The most of these the early morning these may be lifted have to be repeated in about two or more coop room and unless more room was at the same time a revelation of home, the neighborhood, the bugs drenched will kerosene or three weeks. When spraying with any is provided they crowd at night and God and a revelation of love. He community and the whole world better. material the chickens should be kept overheat, their strength is decre-sed loved us and gave Himself for us. Not superficially or carelessly, but as The aphis, or melon louse; the destructive and sometimes whole fields dry. When spraying be sure to hit cases actual death results. This is a who seeks to follow Christ, who takes look upon the solid and the results. The aphis is a chance to and their crowth checked, and in some the Christian who believes in Christ, a dilligent and carnest student he will cases actual death results. This is a chance to and their crowth checked, and in some the cases actual death results. This is a chance to and their crowth checked, and in some the cases actual death results. This is a chance to and their crowth checked, and in some the cases actual death results. This is a chance to an actual death results. This is a chance to an actual death results. coases are the wilt and the are in a critical condition from its everything, even the ceiling. Before costly way of economizing. attack before the grower is aware of replacing the roosts be sure that they Do not let damp mash of any kind therefore desire to be governed by be a mere partison, or blind follower way to treat plants for their presence. They congregate in have been treated thoroughly with remain in the troughs or dishes after his world, his inspiration, his life. beetle is to use some form masses on the foliage, starting with some injecticide so as to kill the mites, the poultry has finished eating be-They abhor dust of any three or four but soon increasing until hiding there. A coat of whitewash, in cause it soon spoils, and reduces the "I say to thee, do thou repeat my odorn are offensive to the whole plant is covered with them. Which five per cent. of crude carbolic appetite of the poultry and, if they thed time is very com- They may be repelled with tobacco acid or cresol has been added, will aid eat it in considerable quantities, caus-It is generally scented dust sprinkled directly upon the lice, greatly after the insecticide has been es digestive troubles. a turpentine, or carbolic or by tobacco stems placed on the applied and dried. It not only helps Do not feed the young and old stock beetles spread so rapidly, ground around the plants. As they are in the general control campaign but in the same place and at the same ant that the lime be on sucking insects, the poisons that kill also gives a clean appearance to the time; the young ones need all the food

Useful Leg Bands.

necessary or advisable.

of lime, as lond place of the dust, to later do not need anything to seem them with. Tobacco dust is especially good. Instead of the dust, part of the emulsion to fifteen or tobacco sems are semetimes used and twenty parts of water. Another good and in backward sections of the older served animal, the strategies of the seminated in place grations of kerosene while it is boiling the strategies and place for the seminated in place grations of kerosene while it is boiling the strategies and place gradually hot. This mixture must then be churn-nested the colored single coil spiral the scrub bull, is being gradually eliminated. The Live Stock Branch at Ottawa, by its policy of loaning purpose of at Ottawa, by its policy of loaning purpose of at Ottawa, by its policy of loaning purpose of at Ottawa, by its policy of loaning purpose of the chirt, and knowledge, and friendship, and work in which he may exercise his powers, and it is only necessary. If the entity and the strategies are not to be trap-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral bands are all that is necessary. If the entity ago is still the animating purpose of at Ottawa, by its policy of loaning purpose of the chirt. The Live Stock Branch at Ottawa, by its policy of loaning purpose of the chirt. The Live Stock Branch ago is still the animation purpose of the chirt. Daily millions of men and the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for him-nested the colored single coil spiral so the Christian man will seek for When birds are not to be traptobacco emis are sometimes used and twenty parts of water. Another good place around the plants on the spray is made by dissolving six pounds are sometimes used and twenty parts of water. Another good and in backward sections of the older rich, and happy life. He will avoid that for which they pray.

Will denote hens and it is only necessimated with denote hens and it is only necessimated with denote hens and it is only necessimated. Will denote hens and it is only necessimated with denote hens and it is only necessimated. Will denote hens and it is only necessimated with denote hens and it is only necessimated. The will avoid the habits and indulgences which are that for which they pray.

The double coil spiral the habits and indulgences will have the habits are the habits and indulgences will have the habits and ground. Besides acting as a repellant; of whale oil scap in fifty gallons of the slow maturated with kerosene; that the plant is beginning to die, pull policy in 1913, 2,531 bulls, purchased as breeders. The double coil spiral bands show up more plainly than the hurtful, the recreations that debase, ingle coil but they cost more money and the single coil but they cost more money and the single coil answers all practure and kerosene; that the plant is beginning to die, pull policy in 1913, 2,531 bulls, purchased as breeders. The double coil spiral bands show up more plainly than the single coil but they cost more money and the single coil but they cost more money and the single coil answers all practure. Wood other saturated with kerosene that the plant is beginning to die, pull for \$368 596 an average of \$144.85 per saturated with single coil answers all pracwealth at the expense of a good conthe down to be content with things as for \$368,596, an average of \$144.85 per tical purposes. head, had been loaned. Of these, BritThe large numbered aluminum means. Always, while seeking what amongst those who shall have no part ish Columbia has had 119, Alberta 497, bands are useful in marking hens to is best for himself, he will be regard-in the New Jerusalem are two classes, Included of dusts, some growers use often as destructive as the aphis. As Saskatchewan 539, Manitoba 220, On- be trapnested. Then each bird must ful, in the largest way, of the inter- whose only fault has been that they have a number and the bands must fit ests of others, and will be content to have been "fearful and unbelieving."

The most common is Bor- the vines are likely to wilt from sev- have a number and the bands must fit ests of others, and will be content to have been "fearful and unbelieving."

They doubted God's ability to bring The most common is Bordeaux mixture, which is the best, as it
is a fungicity as well as a repellant,
is about three pounds of 3-6-50 Bordeaux. Lime
The most common is Borthe vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to wilt from sevthat of the vines are likely to will be content to have a number and the bands must fit section of the laying of the very securely so that none will be lost itself, if by so doing he can help itself, if by so doing h

a gallon or two of coal tar and letting help to prevent it. All diseased plants ticularly noticeable in Quebec, where It is also practically a guarantee that able as his own. He will find firm and and that with His Father, who is our Fother and our Helper, "all things are it stand a day, then sprinkling on the should be removed as soon as they the number loaned decreased from 200 the bands will not be lost. Bands cost true comradeship and brotherhood in Father and our Helper, "all things are plants, an effective spray is made. appear. It is spread very rapidly from in 1916 to 62 in 1919, while in Alberta more money than formerly and it pays labor. Even in competition with possible." The yellow beetle is usually ready plant to plant by the yellow beetle and Saskatchewan the loaning had in- to remove them from birds that are carrying out the policy that in one before shipment and then the buyer I can't expect to make my farm

One of the most valuable features poultry, young and old, require lots of farm which tells me what I want to Twas tired of ticking all the time, hore: into the stems of melons, the patch looks as though a fire had of rye as a forage for the pigs is that clean, cocl water during hot weather know. and squashes near the run over it. After it has attacked a it furnishes a supply of green food and that unless it is furnished the No matter how dark the night or

# Two Farm Ideas I Found in Europe

By CHARLES P. HUNTINGDON.

that the average poultryman has to had an opportunity to study agricultorun off, cisterns, and tank wagons if thin, well-mellowed, well-fertilized, contend with is the presence of mites ture in France and Luxembourg. Two are coming to be a part of our farm but not sufficiently drained, it is thus is familiar to every vine grower. in and about the chicken houses. It things made a deep impression on me equipment. And with them is coming marked. If it is heavy clay, underdoesn't take a very exhaustive exam—things which we Canadians can a more profitable and more permanent laid with hardpan, or if a washed hill-

blame the hen for not being interested importance, is the high value which care and attention European farmers a complete picture of the farm before in breaking the egg-laying record. Europeans place on manure. Not a give their livestock. It was untiring, me at my fireside. drop is wasted, and it is returned in practical, and almost paternal. An of nestling among them. Without its entirety, practically, to their fields, animal is, with them, almost a rever-The farmers in France and in Luxem- ent being. Once we had a good night's bourg do not live on their farms, but rest continually disturbed by the frein little villages, going to and from quent going out to the stable of the their fields daily. Stock, crops, and family with whom we were billeted. the quality of the flesh on the infested people are all housed under the same The cause of all this commotion was roof. And the manure pile is an a mare about to foal. Farmer and Their presence can readily be deomnipresent part of the village home. spouse rested in turns, for two whole termined by noticing small areas on judge whether a family were wealthy foal arrived in due time and in exance, looking as if dusted with salt or poor by the size of the manure heap. And we were usually correct.

When we first noticed the pretenmites themselves are probably hiding tiousness of these manure piles and in nearby cracks in great numbers, the careful manner in which they were where their eggs will also be found, cared for, we thought that it was due In badly infested houses it is not un- to France's serious food situation, and usual for the chickens to become weak to the fact that she had been in the and their combs pale, due to the insid- war for four long years. But when I uous attacks of these pests. Many asked one farmer if it were a new times conditions are so unbearable practice, which they had acquired that setting hens will desert their through the stress of war conditions. nests and spoil the eggs, and instances he replied that as far back as he could have been known where the hens have remember his father had taught him been killed while on their nests, due that his success as a farmer would to the attack of thousands of these be dependent, to a large extent, on his care in handling manure.

mites to develop from the egg to the stables they piled the manure neatly, procession and hauling the wagon I can also read on this map just adult and each female lays about the dung from the cattle being mixed twenty-five to thirty-five eggs, so it is with that of the horses, swine, and seen that the rate of development is chickens, and, if they had them, that very rapid. It is absolutely essential of the sheep. The pile was always with large, full udders. that the mites have blood during all kept in a moist state, water being stages of their growth and this is poured on it if necessary. Most of weekly, and so they had little trouble us. But with the skyward trend in the mornings, as it may chill them. with fire-fang or burning. The liquid If they are to be controlled energetic drained into a cistern from which it methods must be pursued. Inasmuch was pumped into large tank wagons. as there are but few mites on the This most valuable part of the machickens during the day time and as a nure was thus taken direct to the

there are on Canadian farms? Cer- pays. the roosts, if possible, as well as all of tainly too few. But with the increasnests and when this is done it will be of manure. Proper drains for our tage for our posterity.

agriculture.

days during this eventful time. The cellent condition. And at calving time, at lambing time, and during the period when the swine litters were arriving, their care was equally painstaking. They lost very few animals, and each one seemed always in good, healthy condition. They did not have more stock than they could properly care for, and so the few head they did possess were good ones.

The cattle received their care from the black loose loam will not give. the women. Cows were used to supply I can put this map on the table durmilk, to produce a calf each year, and ing a wet, stormy day, and tell almost in many instances, to be the beast of to a point of accuracy how much burden. A sight which I used to be water this tile-drain outlet is carryextremely interested in was to watch ing, and just how much that lateral. the family-old men, women, and chil- in the back field is drawing from that dren-go forth each morning to the swamp where I never used to grow fields with the family cow leading the anything but tadpoles and mosquitoes. after her. I was surprised to learn the acreage for wheat, or that best that these cows, even after working for oats, or any other crop, without throughout the day, returned at night going over the farm to hunt the spot.

In Canada we have always had a price of commercial fertilizers, with the need that the world has for food, population of our country increases, and the demand for food grows, perhaps we will learn that conservation

the unnecessary boards and boxes.

The unnecessary boards and boxes.

Clean the straw and litter from the are coming to realize the true value making our farms permanent, a heri-

## Coultry The Sunday School Lesson

JUNE 23.

Christ as his example and ideal, will movements of his time. He will not

meet. In lane, highway, or open street, That he, and we and all men, move Under a canopy of love. As broad as the blue sky above."

the same law of love. Love will be of some social creed. He will be will ing to learn, even if learning sometimes compels a change of view. What

Application.

There is no Emitation in the plan of redemption which God has for the world. What has been the experience The Christian whose life is thus of multitudes of men, "old things are come new" is to be the final result it be true and strong, ennobles the one who loves. He will desire to be true that so he may speak truth, to be strong that he may help the weak, to be good that he may do good. And so the Christian man will so he it it is place there will disappear a new world beautiful with the likeness of Paradise. This vision so the Christian man will so he the final result even with the wolrd. All that has to do with the sin and misery of men will disappear a new world beautiful with the likeness of Paradise. This vision pranted to St. John so many conturies

### My Farm Map Helps Me.

In my bookcase is a good-sized map drawn to an accurate scale, and on A little clock grew weary Do not forget that all kinds of this map is an entire contour of my

drain has its source, and just what kind of soil it is trying to drain. On And so it stopped, and Mrs. Brown this map is an accurate outline of each field showing just what kind of And oiled them with a feather soil is in each section of each field, But she couldn't make it start, and just what condition this soil is in. So, when she found her little clock Probably one of the worst nuisances During the war I "got across," and stables, gutters which allow no liquid If it's sandy loam, it is so marked; She threw it out among the junk side, or if a depression exists, these But thinking, thinking hard The first, and the one of greatest Secondly, I was impressed with the features are recorded. And so I have

And then it felt so sorry This map-making has caused me to study closely our entire farm, and it makes it easier to plan how deep or When Mrs. Brown came out next day shallow it should be drained for best results, just what crops to plant in She heard the ticking of the clock different fields, and just how to fertilMy little clock is running now. get best results.

Thus I grow barley in black loam because I know it will grow barley best, following corn stubble: I grow oats on a sandy loam soil, following corn stubble, because it will produce oats better than barley. I grow my sugar-beet crop in a black, loose sandy loam, following clover, because it gets me the greatest tonnage; and I grow our potatoes in a yellow sandy loam plot because I get a good yield of smooth tubers, with a flavor that

super-abundance of things. One cow Keep the little chickens out of the the year they were able to haul it out or a ton of manure has meant little to dew-covered grass, especially on cool

> talk to them, but their wooden mother takes whole milk to do that. never runs away from them.

Denizens of the poultry yard will orous cattle, have the barn well light benefit from good pasture as well as ed and ventilated. And in addition to the profits which the larger live stock on the farm. In some quick-grewing pasture crop. | water to both cleanse and thehe

That works so hard; I'm blest

Took all its works apart

Doing nothing all the time Among the dust and grime, Until it saw the folly
Of the thing that it had done,

That it started in to run To get a load of wood

And gladly cried: "Oh! Good! And, with a beaming face, She took it back into the house And put it in its place.

And now the clock is happy

For this secret it has found:

'There's lots more fun in working Than there is in loafing round

calves to fatten when I am shy of milk to feed them?

There really is no substitute for whole milk for making veal. You can grow calves fairly well with substitutes. There are some calf meals made into gruel that calves do very well on. and in a little time the calves get so they eat dry food, like crushed oats, clover hav, and grow up to be good thrifty calves, but they never make veal calves. If you want fat veal paives at six or eight weeks old I know of nothing that will take the place of whole milk, but with plenty of skimmilk and oil meal or flaxseed meal with other grain, you can get a call when he is four or five months old te be pretty good baby beef, but a veal calf is supposed to be six or eight Brooder chicks have no mother to weeks old when he is fattened and it

If you would have bealthy and vig-