This Department is for the use of our farm readers who want the advit of an expert on any question regarding soil, seed, crops, etc.. if your questic is of sufficient general interest, it will be answered through this column. etamped and addressed envelops is enclosed with your letter, a completenewer will be mailed to you. Address Agronomist, care of Wilson Publishin Co., Ltd., 72 Adelaide St. W., Teronto.

where good or fairly good hog houses were used, the average number of pigs raised in a litter was five and one-quarter, while on farms where the housing was poor the average number reared from each litter was tonly three and one-tenth. The average saving, therefore, where good houses were used, amounted to more the litter was tonly three transports. The litter is the litter was to the litter was tonly three litters are the litter was tonly three transports. The litter is the litter was tonly the litter was to litter was tonly the litter was tonly th

of these will soon pay for itself in the increased number of pigs saved. too, may be employed advantageously Both the individual house and the in seedbed preparation, especially colony hog house have a place on the hog farm. Both give very satisfact at mulch, or blanket, of loose soil, at tory results if they are properly concouple of inches deep, to check structed. If only one can be had the evaporation of moisture. A light or colony house usually is to be pre-plant-tooth harrow of this type is found especially where a large num- slag, usaging in the corp, field a few ber of sows are to be kept. The days after sowing and after the corn field a few ber of sows are to be kept. The days after sowing and after the corn forcer several weeks if there are many ture in the soil, to destroy small sows. In such cases each pen in the weeds and encourage germination of sows. In such cases each pen in the house may be used for two or more sows during the period. Assuming that two sows use a pen and that by reason of the satisfactory quarters provided two additional pigs are saved in each litter, it would not be long until the hog house paid for itself. Good quarters are one of the best investments the swine grower tween drill widths are wasteful, unsightly, and furnish breeding places.

can make.

The satisfactory hog house profides warmth, dryness, abundance of light, ventilation, sanitation and comfort. To meet these require-

Care of Young Pigs.

Every owner of a brood sow, whether he lives on a large farm and has many, or whother he is a suburbanite and owns one, should feel a personal responsibility to see that the pig litters born this spring are received with the utmost care. That means the matter of providing proper housing for the brood sows, and their young should have immediate attention.

The high mortality among young pigs in some part of the country can be materially reduced if proper housing and feed are provided for the sows. According to one investigation, which covered about fifty herds, representing 930 brood sows, the aver-

sows. According to one investigation, which covered about fifty herds, representing 930 brood sows, the average loss was about thirty-three percent, while some farmers lost fifty to seventy percent of the pigs.

It has been found that the larger losses usually occur on farms where to establish the connection between the housing facilities are poor. In surface and subsurface soils neces-one investigation it was learned that where good or fairly good hog houses soil water to the seedbed. Roll and

than two pigs to the litter.

There are many kinds of satisfactory hog houses which can be built until the seedbed is level, uni-

sightly, and furnish breeding places

most nothing between in the weather. One of the first requisites for success with hogs is a shelter where young pigs can be kept warm and well supplied with sunshine and fresh air. A little pig takes cold very easily and recovers slowly, if at all. To prevent taking cold he must. In the rush to get the kept dry, warm, away from draughts and provided with good fresh air.

Cultural Methods for Eastern Canada on the Central Experimental Farm, Ottawa, and several of the branch of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for in expensive repairs which might ence part of the purpose of improving the soil of cultivation has been conducted for an each, an exhaustive study of methods of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of cultivation has been conducted for the purpose of improving the soil of the farm is available to the farm is available to the purpose of improvin

on Eastern Canada farms.
UNDERDRAINAGE is without doubt a most important factor and is indispensable where the rainfall is great and soil conditions warrant. The carrying away of surplus water allows the entrance of air into the soil, which aids in raising the temperature. On the whole, underdrainable building Besides it is not plant food elements and facilitates the working of the soil.

PLOUGHING is the basic cultural operation and for this reason should be performed with the utmost care and judgment. Poor ploughing, including unevenness in depth and ludgment. Poor ploughing, including unevenness in depth and findshes, cannot be rectified by succeeding not make the more and the soil.

Note that the implementate available. No clear the implementate available. No clear the most in the implementate available. No clear the implementate available. No clear the most into the policy and the propose of structure and placed under cover when into in use, all polished surfaces recipiving an application of an anti-rust of the polity range but we have not found them as satisfactory as red raspherries. Currants and goose and the seas.

Shy April, our gifts are good wishes, we pray

The cold frame depends upon and the seas.

Shy April, our gifts are good wishes, we pray

The cold frame depends upon and the seas.

Shy April, our gifts are good wishes, we pray

The cold frame, for that regardined tresses unbound to the brevature of the brevature of the brevature of the brevature of the soil of the maldens the forests, the plains and the seas.

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The cold frame depends upon and the seas.

Shy April, our gifts are good wishes, we pray

The cold frame to pour the found them.

Of the fruit trees, plums are unty well unless they have to be provided from the produce goof fruit and them.

Of the fruit trees, plums are unty well do for shade but they have to be provided from the produce good f



# Look for the Rennie Seed Display

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thick may result in heavy losses in comfort. To meet these requirements we house need not be expensive. As a matter of fact, many expensive house need not astiafaction. BOLLING—The roller is too frequently used to put a finishing touch to the field after seeding. It may be an used to advantage on light soils, between them should be followed by an used to advantage on light soils, the regiments, which are soil to the field after seeding. It should not be expensive how because they do not posses all these requirements, which are soil to the field after seeding. It should not be expensive how how to make the soil to the field after seeding. It should not be expensive how how to make the work of the soil to the field after seeding. It should not be expensive how the soil to the field after seeding. It should not be expensive how the soil to the field after seeding. It should not be accounted by the soil before seeding. It should not be approximately the soil before seeding. It should not be used on very damp soil, especially be used on very damp soil, especially be used on very damp soil, especially one mellow, uniformly level, fairly loss and fine at the surface but firm below, and well supplied with plant for soil before and the cow have good coats of hair—even a calf or colt left in the cold is provided with a good bed is more necessary; and none so much in need of sunshine as the little pig. The horse and the cow have good coats of hair—even a calf or colt left in the cold is provided with a good fur coat; the hear's fear which the soil of the soil of



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 Adelaids &t. West, Toronto.

can, a rack to hold the bottles or milk and a top for the can. The bottles are filled to the neck, the patent corks are snapped on and the bottles what you think of my diet. In the corks are snapped on and the bottles what you think of my diet. In the assuredly there must be no sign to morning—I have an orange and a Roger. Besides, how could she would had

corks are snapped on and the bottles are placed in the rack. The rack is then so placed in the can as to be supported by three projections on the inside of the can. Boiling water is then poured into the can until it reaches a certain mark just below the bottoms of the bottles. The covers are then placed on the can and the bottles left in this position for five minutes to heat them through.

Answer—The diet you mention might be ample for a canary but not for a human being. I judgs from the last one before the fighting stop-mention in the can before the fighting stop-mention in the canary but not bed. When five minutes have passed, the cover is taken off, the rack is given a half turn, so that it is no longer supported by the projections on the inside of the can; and it sinks slowly

### How to Seed the Lawn.

with a questioning look, he asked.
"What's wrong with that?"
"Nothing," I responded. "only I contained.

would like to have my lawn next to yours. I would never need to sow grass seed on it. I would just let you sow it on your lawn and let the wind blow it over to mine, and get my lawn seeded for nothing."

The careful the acquirt and when I

Covernment Publications

What success do you expect to have?" I inquired of my neighbor who was sowing lawn grass seed.

"Well, I don't suppose it will grow at all, for it seems impossible for me to get a good stand of grass on my lawn."

I watched him sow the seed. The ground was frozen, and there was little chance of the sun shining enough to thaw it much that day. There was a brisk wind blowing and it was a safe guess that there would not be much of the seed left on the lawn by noon.

Government Publications.

The new list of publications of the pepariment of Agriculture at Ottawa contains titles of about three whole range of agricultural and other pamphlets that deal with agricultural practices. These cover the whole range of agricultural and horticultural pursuits, including dairying, field crops, live stock, orchard and garden crops, poultry, insects and plant disease, farm building construction, farm machinery and many other topics. The subjects are arranged alphabetically under general titles. Not only are the lists themselves available from the Publiwe by noon.

Noticing that I was watching him tith a questioning look, he asked, cations Branch of the Department, but any of the publications therein

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### RABBIT RAISING MONEY RAISING

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neys in one day, on its spirits in days.
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BRING THIS BILL

the state of the s

Mrs. Duncan went through the morning routine with conscientious thoroughness—the children's break-fast, the upstairs work, including the room occupied by the two school teachers, the examination of ice box and pantry. Finally, she sat down at her desk to plan her meals for next twenty-four hours. As pushed aside the morning ma Milk in Summer.

Perhaps the most vital of all summers subjects is milk. Impurity of milk is one of the greatest factors in the large infant mortality. Breast its light end of the can. The cover is then method is then allowed to stand for twenty-five minutes, when the cover is removed, the large infant mortality. Breast its light end of the can. The cover is mostly bills, for it was the first of the month—a big, black-lettered sentence fairly leaped out at her from the pile: BRING THIS BILL WITH

job was cleaned up, although she knew how homesick he was, Roger, who never had wanted to be even a

happiness that we can get hold of: we refuse to carry the battles into our rest billets or even into the hours

Maintain Pulpwood Forest.

The Abitibi Power & Paper Company, Ltd., intends to begin a re-for estation programme this year and has asked for the co-operation of the Com mission of Conservation in this work The Commission has been co-opera ting with the Riordon Pulp & Paper Company and The Laurentide Com-pany, Ltd., for one and two years re-spectfully in re-forestation work, and asiderable headway has been made The initial studies have concerned the rate of re-forestation of cut-over pulpwood lands under natural condims. Investigations to date point to a fact that it will take from 50 to 100 years for spruce and balsam to grow to merchantable size on these cut-over fands. whereas lumbermen have thought that reforestation would take place in about 30 years. Another disquicting feature the investigations have disclosed is the fact that where the pulpwood species are cut down, the new growth is prodominately hard-wood for which, as yet, there is little market These scientific facts are of paramount importance both to the pulp and paper industry as well as to the governments concerned, which always drawn large revenues

> Passing of the Homing Pigeon. It is odd to realize the practical use of the dove, generally accepted as the symbol of peace, in carrying on war, and it has probably surprised many people to learn that the homing pigeon differs materially from the carrier pigeon so long associated hearing of messages. As a matter of fact, the carrier pigeon has practically ceased carrying and is nowadays raised for its fine looks rather than its

oming instinct.

The homing pigeon used in the army and navy is of another type, which has been trained through many generations to fly. Training begins when the birds are about three months old, and the flying distances are gradually increased to 500 miles, when the bird is held to be qualified for real work

Teach Unselfishness.

If a child is not schooled to without things when he is six, eight and ten, then most certainly he will have a very hard time making up his mind to do without them when he is eighteen and twenty and so on. Character can only be strengthened little by little. Those who cannot practice little acts of self-denial canpractice little acts of self-denial can-not practice big ones. Tesch a child to give up to other children some-times; teach him to consider his fa-ther and his brothers and sisters and to do the hundreds of little things that require thought for others.

"The dignity of truth is lost with much protesting."—Ben Jonson.