By Agronomist.

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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 snawer will be mailed to you. Address Agronomist, care of Wijson Publishing Co., Ltd., 73 Adelaids St. W., Toronto.

For a number of years investiga-tions have been conducted in Canada to determine the nature and preval-ence of diseases of poultry.

one or two deaths occur, the express charges usually total more than the market value of the birds.

We trust, therefore, that poultry-

When the work was first started by this department, very little was known about the diseases of fowls in this country. In order to cover the ground thoroughly, poultrymen were requested by press notices, correspondence and personal appeals to cooperate as fully as possible by sending in sick and dead birds for study and diagnosis. In pursuance of this policy, the department guaranteed express charges, and in the last five or six years, the examination of specimens has become a task of considerable magnitude.

What Strawberries Shall We Plant and Why?

Strawberries are grown either for home consumption or for market. While those grown for market should be as good as those grown for home use, the fact is that in some cases those produced for market are grown more because of their productiveness and shipping quality than because of their flavor and general palatibility. The most popular variety, taking the whole of Canada, is undoubtedly the Senator Dunlap. This is a very siderable magnitude.

Research Work on Poultry Diseases. As previously stated, where only

ence of diseases of poultry.

The need for further research is emphasized by the fact that the exigencies of war-time have given a stimulus to the poultry industry, and it is natural to assume that this additional interest has led to an increase, rather than a decrease, of poultry disorders.

We trust, therefore, that poultry men will assist us in our economic policy and send fowls only when several deaths have occurred simultaneously and the cause cannot be determined at home.—A. B. Wickware, Assistant Pathologist, Biological Laboratory, Ottawa.

ultry disorders. When the work was first started What Strawberries Shall We Plant

it therefore seems timely, when some in appearance, good in quality, economy is the watchword, to make a and is an excellent variety for cannfew suggestions as to what work we ing. It is desirable both for home desire to undertake, and point out the various causes which result in it has some faults, the chief one beindividual deaths in flocks, and which ing that on account of its making individual deaths in flocks, and which result in ing that on account of its making such a large number of plants the poultryman at home. In this connection, it may be pointed out that live and dead fowls are frequently forwarded to us via express from remote districts in British Columbia, Alberta and Saskatchewan, and the expense of transporting these birds is wholly unjustifiable where the losses are limited to one or two fowls.

From a study of our records, individual losses may be attributed to the following conditions, none of which can be transmitted to other members of the flock:

Affections of the Heart:—These are usually manifested by a quantity of fluid within the covering membranc, and in some instances by an accumulation of yolk-like material, the result of inflammation.

the result of inflammation.

Rupture of the Liver:—This occurs in fowls which are excessively parts of Canada. It has a white tip fat, and is recognized by sudden which increases its shipping qualities death, and the filling of the bowel but lessens its value when it is to

death, and the filling of the bowel cavity with blood.

Apoplexy, or a rupture of a blood vessel in the brain:—This disease can be determined only by the absence of other lesions, and the suddenness of death.

Peritonitis, or inflammation of the best in quality but must be grown under high cultivation in Eastern Peritonitis, or inflammation of the under high cultivation in Eastern bowels and covering membranes:— Canada to get fair crops and is not Peritonitis is caused by the partial consumer of the lower cavity; closure of the egg-duct by mainland of British Columbia it does large eggs; or accumulated yolk well and is one of the best commermaterial, etc. Frequently the discased ovary is responsible for this cased ovary is responsible for this also a commercial variety which is also grown mainly in British Columbia.

The above diseases are those usually responsible for individual deaths,
and may easily be detected by examining the birds.

The infectious diseases which

Sample, Pocomoke, and Warfield as







RECONSTRUCTION IN THE BACK YARD

There's Plenty of Work for the Whole Family-Bring Out Spade



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 Wrong Idea.

Some parents carry the idea that it is a good plan to let their children become exposed to contagious diseases so they will have them all and get over them. This idea is entirely wrong. Most of the children's diseases are very serious propositions and the younger the child is when it encounters them, the more serious they are.

it encounters them, the more serious they are.

From infancy until fifteen or sixteen years of age the child undergoes a period of development during which the tissues of the body are easily damaged by infection. This applies to teeth infections as well as to other infections like contagious diseases.

The damage is often, in fact, generally permanent but does not manifest itself until considerably later in life. Such damage is often recognized by the observing dentist, who can frequently tell the age at which the person suffered some illness. After the age of puberty the system is more resistent to disease and individuals occasionally escape some of the children's diseases altogether.

In my opinion, it is the duty of all parents to protect their children as long and as well as possible from contagious diseases. Bear in mind that measles and whooping cough are not trifling ailments but quite formidable because they are accompanied by more serious complications.

are not trifling ailments but quite formidable because they are accompanied by more serious complications than are many other diseases. Fortunate indeed is the child who escapes measles altogether. When there is more than one child in a family the one first complaining should be isolated until entirely well. This precaution can always be arranged with the circulation of the with the circulat

a little extra trouble on the part of

addition, it is advisable to have some kind of simple sprayer, particularly if the garden includes potatoes.

2. The second step relates to the crops which are to be grown. Some gardeners make the mistake of growing too much of one kind of vegetigularly easy to raise. For instance, carrots and beets yield well, and a few rows will supply a household's needs for the winter. Corn is a dejugate to make the soil more beganding to make the seed that she dreads more and more. Besides, the delay makes her every day more and more tired. No. don't shake your head, Marg. You would have felt a great deal better physically as well as mentally if you had got that letter off your sure its close contact with the seed. For the weather is likely to be dry how was sick with all the symphecial specific that grows harder the longer she waits, and that she dreads more and more. Besides, the delay makes her every day more and more. He was the soil more. Besides, the delay makes her every day more and more tired. No. don't shake your head, Marg. You would have felt a great deal better off your sure its close contact with the seed. If the weather is likely to be dry by who was sick with all the symphetic properties. few rows will supply a household's lift the weather is likely to be dry needs for the winter. Corn is a delicious summer vegetable, but is not very profitable for the small garden. Peas, also, although popular, occupy too much space for the yield they give. Therefore, if one has to cut down on vegetables for lack of space, it is well to remember that there are certain varieties which take up too much room for the returns they give.

3. The third step relates to the keeping the more free from weeds and the soil losse between the rows. It also entails puts it off till the last thing at night.

"And brings it in all day long!" and the wise old doctor. You make the provided the water in before he water every day."

"At any particular time?" inquired the doctor.

"Well, he is supposed to bring it the morning, but he usually puts it off till the last thing at night.

"And brings it in all day long!" said the wise old doctor. You make diseases. Frequent cultivation is

3. The third step relates to the best varieties of vegetables. A great deal of experimental work has been undertaken to find out what varieties are best suited to the home garden, and much information on this subject is available in pamphlet form. It is well to remember that there is a vast difference in varieties. Take potatoes, for instance. Some varieties yield twice as much as others, and the householder who fails to plant the right kind may find his supply of potatoes exhausted before the winter is half over. A good thing to remember in the case of the potato is that the source of the seed is an important factor in the yield. Local seed should never be planted if seed from a more northerly location is obtainable.

Prodigal sowing of seed means a great wastage annually, and the becking a great wastage annually an

Bringing In the Bucket.

"Oh dear!" sighed Mary. "I really must write that letter to Mrs.

must write that jetter to Mrs. Norton to-night. It's got to be done this week, or there'll be trouble."

"And this is Saturday, if I'm not mistaken," said Uncle Jim looking up from his newspaper. "In fact, Saturday afternoon. Why not postpone it till to-morrow, if I may ask?"

"Why. Uncle. Jim!" grind May:

"Why, Uncle Jim!" cried Mary,
"That from you! Why not wait till
to-morrow!! I should have expected
you to say, 'Why didn't you write it
before?'"

Uncle Jim hid a quizzical smile be-Uncle Jim hid a quizzical smile behind his newspaper. "Well—since you suggest the question—why didn't you write it on Monday—or Tuesday—or Wednesday—or—"
"Oh, Uncle Jim!" Mary interrupt—

addition, it is advisable to have some it helps to make the soil more that grows harder the longer she

