erop of grey stone turnips, if you ared to grow this variety. If the cared to grow this variety. If the season was favorable, of course, you might come out with a good crop of millet, since two months is long enough to give you a crop well worth harvesting.—J. H. G.

To Eradicate Bindweed

In some of my fields I notice two three large patches of bindweed. We a summer fallowing two of the fields, and the other is in mixed grain. Will the threshing be apt to throw any out in the straw stack? We do not know much about bindstack? We do not know much about office weed. We have plowed ours twice in one week's time. Will it be all right to sow those pieces to buckwheat along with the rest of the field Can we get rid of it by any reasonable means, and which is st way? ere such a thing as wild cucum!

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G. A. GILLESPIE, PETERBORO, ONT.

and can it be got rid of easily? How? Kindly reply and oblige, and tell us the best way to handle bindweed, and if it will do any harm in the buckwheat?— A. S. Durham Co., Ont. Re bindweed, would say that the best treatment is to introduce a hoed crop into the field as soon as possible. Were cr. less of the soul is ownible.

More or less of the seed is sure to get into the straw as well as into the grain, and besides, the bindweed ripens quicker than the oats and other grain; thus a lot of it is shelled on the ground where it is growing, and

thus comes up again the next year.

The field you mention might very The neid you mention might very safely be sewn to buckwheat with a reasonable hope of destroying a lot of it that way. The safest way, however, as already stated is to get the field as soon as possible into a heed crop, and if you could plow and culti-vate in August previous to growing roots or cern, this combination of summer fallow and hoed crop would be almost sure to entirely rid the field the weed.

I have heard the name wild cucum-ber mentioned but do not know any weed under that name. There is a cultivated vine grown mere or less widely which is known by that name, but I have never heard this vine being considered as a weed .- J. H. G

To Farm on Light Land

Would you be kind enough to tell me that kind of crops would be best to grow on light sandy ground? The top soil, being about three inches in depth, is composed of a light turfy nature, while the under is sand more or less.

It is almost impossible to plow the land

at is almost impossible to plow the land without turning the sand to the top, and appears to want quite a bit of manure to get any kind of a crop of this land? Would fruit trees do well on this land? Would fruit trees do well on the land? I have two hundred acres in Muskoka, and tried farming two years ago but it proved a failure, partly on account of the dry season and of the nature of the land. Gry season and of the nature of the land, only find out what would be the best way to handle the land, and what would be handle the land, and what would be most encouraging branch of farming

o take up.

I intend, if possible, to go into poultry nostly, as I like the work, and have kept them quite a while on a small scale.
Would it be possible to grow outs and spring wheat as well as grain necessary for poultry food?—T. W., Toronto, Ont.

In the first place such land as you describe is suited for dairy farming, pork production, poultry and fruit. The latter will, of course, be influenced very materially by local climatic con-

very materially by local climatic conditions, or by slopes, exposures, etc.

I would advise you to select the best of your land and to follow thereon a three-year-rotation: First year, corn; second year, oats seeded down with timothy and clover; third year, elevents. Edinor the aloves he with corn. hay. Follow the clover hay with corn again applying your manure on this crop, and if you wish to grow roots and no value of the cortain extent, you should put them in the same field. Corn should always be followed by grain seeded down to clover, a liberal seeding of clover, asy 10 to 12 lbs. an acre, which should again be followed by corn, which should again be followed by corn.

Keep as many dairy cattle as you

all good ones, that is cows that will soned. give you a good return for your in-subject

I would suggest for your investment in money and labor.

I would suggest for your district of Muskoka good grade Ayrshires and a pure-bred Ayrshire bull.

If you have only 10 acres of decently

If you have only 10 acres of decently fertile land on your farm then start with the 10 acres, and gradually bring other areas as convenient to the build other areas as convenient to the build-ings as possible inte a fair state of fertility by pasturing, then plowing and sowing such crops as buckwheat and rye to be turned under as green manure. In this way you will grad-ually get a certain amount of humus in the sail, which will permit you to corn, etc., as time the property of the corn, etc., as the corn, as the corn, of the co

get decent results corn, etc., as indicated in the retation described above. For swine, I would suggest your growing each year a small amount of roots, mangels and rape; the roots for winter feeding, the rape for summer

soiling.

I would suggest that you build a silo as soon as possible after you get into the farm. In fact, if you really intend farming, I would suggest that you start right off by building a silo, since on such land as you describe, the silo is practically the whole thing.

J. H. G.

HORTICULTURE K------

Fruit Prospects in Nova Scotia

P. L. Morse, Kings County, N.S. P. L. Morse, Kings County, N.S.
The fruit crop is new far enough,
advanced to make a prediction as to,
the quantity and quality of the crop
which will be harvested in the Annapolis Valley this year. Last year,
last year,
last year, last year,
age for the last seven year he been
500,000 barrels. This year, 200,000
barrels is a generous estimate as there barrels is a generous estimate as there will not be more than one-third of a will not be more than one-third of a crop. Many large growers say that they will not get more than one-tenth of a crop

was a lot of speculation at There was a lot of speculation at the beginning of the season as to the cause of this serious shortage. Many thought that the bud moth had something to do with it, but this cannot be the case. The cpinion at present is that the severe freeze of April 98th killed the buds as they were fully two weeks ahead of the usual development.

at that date.

The quality of the crop promises to be good although the weather has not been ideal. However, as spraying is almost universal, we can almost always count are supported by the country of the crop promises always are the country of the country of the crop to the country of the crop to the cro count on good quality fruit. The variety of the trees never looked better and all indication point to a lumper crop next year.

Cover Crops for the Crchard

S. H. Neville, Oxford Co., Ont.

In an orchard which has had clean In an orenard which has had clean cultivation in the early part of the summer the trees will be making rapid and healthy growth. Towards the end of July or the first of August, it is of July or the Brist of August, it is ing out the advisable to sow a cover crop in the The above orchard. A cover crop has a benefor thinning ficial influence on both the soil and July issue, the trees. The cover crop prevents correspondent the trees. The cover crop prevents correspondent to the trees. The cover crop prevents correspondent to the trees of the trees o holds the rains or snews until they have time to soak into the land, dries have time to soak into the land, dries ont the soil in spring, and sometimes serves as a protection from frost, should be thinned so that when marked it improves the hearical conditions of the soils in that it adds humus, should be thinned so that when marked the crop is leguminous, will collect the crop is leguminous. An orehard which is well cultivated right through into the late fall will curl, and the text of the new Destructive Insects and Pesta Act also appear and keep up this growth so late in in the July issue. A copy may be had the fall that the new wood has not a on application to the above address.

ssibly can, but be sure that they are chance to harden and become seasoned. Hence such trees are more subject to winter killing than those in an orchard where a cover crop has been sown. The cover crop appro-priates much of the food in the soil for its own use, thus checking the excessive wood growth on the trees and giving the wood a chance to harden

Three of our most common cover crops are buckwheat, vetches, and rops are buckwheat, vetches, and clover. Buckwheat affords a good heavy cover, and may or may not be harvested. Vetches and clover have the advantage over buckwheat in that

the advantage over buckwheat in that they are leguminous plants, and add to the supply of nitrogen in the soil. Cover crops, if they have made good growth, will interfere with the har-vesting of the fruit crop in the fall. When such is the case, they may be cut off with the mower and the crop left on the ground to rot or they may be smoothed down with a plank drag. To remove the crep from the crehard altogether; its remove, a great deal altogether is to remove a great deal of fertility, which would otherwise be available for the trees the following

Blackleg of Potatoes

Our potatoes have a peculiar disease which differs from ordinary potato blight. The stock turns black at the bottom and follows along up until the leaves first wift, then turn yellow and die. What is this disease, and the treatment for it?—C. T. M., Yal-Carlboc Co. B. C. It is impossible to diagnose a disease

from such a vague description. There is a general similarity between the

from such a vague description. There is a general similarity between the symptoms mentioned and those of a potato disease known as black leg. The disease is well distributed over North America, but has not been a sericus cause of loss. It is usually worse on wet soils.

The treatment here recommended is entirely preventive. Select seed, if possible. from fields on which the disease has not appeared. Diseard for seed purposes, all tubers which have wounds, cracks or decayed areas. Disinfect all seed tubers with correstive sublimate before cutting. Spreading the seed tubers cut in thin layers in a dry place exposed to the direct rays of the sun for several days would be an excellent supplementary practice, and tend to hasten germination as well.—J. W. Easthan, Department of Botany, O.A.C., Guelph, Ont.

Thinning Fruit

It is the production of seed which saps the vitality from the fruit tree. Consequently if trees are allowed to overbear, exhaustion ensues, and a year is needed to recuperate. This is year is needed to recuperate. This is the reason why most trees only bear every other year. If, however, thin-ning is performed judiciously, the tree, freed from the labor of so much seed production, turns its attention to perfecting the fruit left on it; hence perfecting the fruit left on it; hence fruit and fewer culls. Then too, if fruits and fewer culls. Then too, if fruits touch one another on the tree the spray cannot find access, and as reuts touch one another on the tree the spray cannot find access, and as at the point of contact the skin is thinner insects which feed on the fruit find easy access, generally spoiling both the fruits where they touch.

The above are some of the reasons for this property of the contact of

The above are some of the reasons for thinning fruit as given in the July issue, by the British Columbia correspondent of the Canadian Horticulturist, a monthly fruit magazine, published at Peterboro, Ont. As a guide when thinning fruit, this correspondent gives the rule that it should be thinned so that when matured no two fruits shall touch one another. Intelligent spraying and nurning are also essential to the nor-

**** A Clas

Resease

July 2

If we a ket, either sential th know who is for peul dopt some This is the At a re drew up a ducts for t ed at. Eventshould below F. C. Elfe invites cri garding the All poultry classification

Poultry i ducks, gee further cla weight. A for each c must confor Chickens-to (1) pulle are under are under cockerels th hard spur f They are fu into broilers Broiler :to three lbs. Roaster :s. and upv

Classificat

hens of any Cock birds hard spurs leg, includir Capons:— ized when f showing very Slips:—Bir ized and so nerally cos Ducks :- D ducklings an Ducklings:

their first r to 12 weeks three to five Ducks :-- A der the term Geese :—Di goslings and Gosling:—(their first me 12 weeks old to 12 lbs. Geese :—(a)
(b)
Turkeys :—

old hen turk Young hen Toms, under weights; old Guineas :-- 1 Pigeons :-- I

igeons. Squabs :—P aving the r eeks old. Pigeons :-- E he nest

This grading owl and capo All the fore re graded bef andard is se lasses. There selects, No. 1.
All the bird ormly as to s

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