

a piece of the former, about the size of a pea, and rub it into the feathers just below the vent. The latter can be painted on with a brush. One treatment of either should eradicate the lice for all season.

Is It Tuberculosis?

WE have been testing some of our hens lately. They got lame and soon to fall in flesh, but live in that condition for a long time.—Mrs. F. J. O'Brien, Hendree Co., Ont.

From the description given we suspect that the flock is affected with tuberculosis. We would suggest that one or two of the birds be sent to Dr. A. B. Wickware, Biological Laboratory, Experimental Farm, Ottawa, express collect. Dr. Wickware will make an examination of the birds and report on his findings.—Geo. Robertson, Asst. L.-m. poultry Husbandman.

HORTICULTURE

October in Garden and Orchard

THINNING of the branches of the gooseberry will give larger fruits.

Unsprayed orchards are never profitable. Clean, bright fruit, free from disease, always finds a good market. Use more fruit and vegetables in the home. They will take the place of other more expensive foods.

Wrap apples in paper and store in a cool cellar. Do not store near potatoes or other vegetables or the flavor may be spoiled.

Bulbs for spring flowering should be in the ground or in pots now. Plant a few in pots for house decorations next April.

Large dahlia flowers may be obtained by cutting away some of the stocks and disbudding. Too many flowers on any plant mean small flowers and short stems.

After the first frost clear the garden of all trash and burn it. It's a good plan to plow or spade the garden in the autumn.

Is the strawberry bed in good condition and free from weeds? The fruit crop of next spring depends largely on the condition of the bed this fall.

Mulch hay, straw, or lawn clippings are good materials with which to mulch blackberries. They hold moisture in the soil, keep the fruit clean and keep down weeds.

Cabbages keep best in a cool cellar. If possible, hang by the stump to the ceiling. Wrapped in paper, they keep well. Do not pile thickly on shelves or in bins, or they will be likely to rot.

Mulching Strawberries

MANY growers of strawberries make a practice of mulching their plantations in the fall to bring the plants through the winter in the best of condition. Any material such as leaves, old hay, straw or straw manure, is suitable for this purpose. Manure is the most common mulching material used, since it acts both as a mulching material and a fertilizer. In most of Ontario the mulch is applied in late fall as soon as the soil has been frozen hard enough to bear the weight of team and wagon. The mulch is spread over the surface of the ground, about three inches thick, and is removed in the spring as soon as the leaves of the strawberry plants begin to show a little yellow, as a result of lack of sunlight.

In Ontario strawberries should always be mulched, even in the Niagara district. The principal reason for mulching is to protect the crowns of

the plants from injury as a result of heaving by frost or alternate freezing and thawing. In some places where the winter is less severe than in Ontario, the mulch is of value in autumn before the ground gets frozen solid, but in Ontario it is of greatest value about March, when we usually have a considerable amount of freezing and thawing before spring gets in.

It has been mentioned that this mulch should be removed in the spring before the leaves are unnecessarily checked by lack of sunlight. A good practice is to merely pull the mulch between the rows of strawberries and leave it there, so that it may act as a mulch for the soil, and as a means whereby the fruit may be kept from getting dirty during this picking season. Providing the soil is in good condition and the manure is not too full of weed seeds, a mulch of this kind will conserve soil moisture just as well as if the ground were kept cultivated, while the fruit can be kept cleaner than if the soil were being constantly stirred.

Protect Trees From Rabbits

FUTURE borer and rabbits may cause great damage to both young and old trees if not carefully guarded against.

Grade D asphaltum is perhaps the best protector against those prowling submarines, the root or crown borers. Remove the soil down to the main roots and apply the asphalt, while warm, with a brush, covering with a thick coat to at least six inches above the ground. By extending this coat up to the first branches on young trees, the fat-headed borers and also rabbits will be held at bay. If newly planted trees are protected from sunburn by shading or by whitewashing, there will be little danger from the fat-headed borers, as they rarely attack trees that are healthy.

Wooden veneer or screen wire wrappers which may be thrust into the ground for about two or three inches are reliable protectors against borers. If these wrappers extend up to the branches they form a true safeguard against trunk injury from both borers and rabbits.

If borers are already in the trees when asphaltum is applied they will certainly perish if the asphaltum has been well done, as they will be unable to come out and go through their later periods of development, and, therefore, they can never become full-grown insects to lay more eggs. Do not use tar of any kind as a surface covering, as the trees are very apt to be killed. The same is true of axle grease or anything containing creosote. However, washes containing vile-smelling materials like asafetida may be safely used as repellents against rabbits.

Type of Horse Market Demands

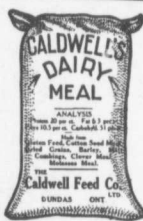
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press and should have strong constitutions. Only geldings are used for this purpose and the demand is of course limited. Intelligence and obedience to command are two of the factors entering into selection for this purpose.

But no matter what class is being catered to in the horse market, the breeder should produce a horse that has been allowed its full development as a colt and the horse should be put in the best possible condition before being taken to the market.

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