

QUESTION DRAWER.

R. J. Graham, Belleville, Ont., writes :—

1. I have an orchard of about six hundred trees in all, set out from ten to twelve years ago. I am troubled with blight on the ends of the apple tree limbs—worst on Fall Pippins. The trees are very healthy, and have grown extremely rapid. I had them grafted with *Æsopus Spitzenburg*, and most of the grafts blighted when they had made a growth of about six inches. Can you tell the cause or give a remedy for the above?

This blight in the twigs of the apple trees is well known in this part of the country, but the cause and cure are yet unknown.

2. PEARS. I set out Flemish Beauty, Bartlett, Sheldon, White Doyenne, and Osband's Summer. All died with blight but the Flemish Beauty, one Sheldon, and one Osband's Summer. The Flemish Beauty have done extremely well. I have about thirty fine bearing trees. Last year the leaves became covered with brown spots, and the fruit spotted black. I see this year they are doing the same. Can you tell me the cause or give a remedy?

This rust or spotting of the leaves, and spotting and cracking of the fruit of the Flemish Beauty occasionally occurs in this section, but has by no means been a constant trouble. The cause seems to be a peculiar fungus growth upon the leaves and fruit. No remedy has been promulgated, but dilute carbolic acid is sure death to fungoid growths, and careful experiments with it would be valuable.

3. CHERRIES. I set out twenty trees, Black Eagle, Oxheart, Royal Duke and Bedford's Prolific; I also have some common black and red. Of the trees I bought, the most became rotten hearted and died, but what lived are large trees, and have never borne any fruit yet. This year the leaves are covered with small brown insects, which are eating up the leaves, and on common fruit are spotting the cherries. Soil clay loam. Can you account for the above?

The insects are probably the Black Aphis. Syringing the tree freely with water in which tobacco stems have been steeped will soon rid the tree of them.

I have about fifty plum trees, of nearly all varieties, which have done remarkably well, being loaded every year since they commenced to bear, four years ago. I have not been bothered with *Curculio* or black-knot. I have some borers in my apple trees. The raspberry plant arrived in good condition, is planted in rich loam, and has made a growth of about six inches.

4. Which are the best varieties of strawberries for family use?

This is largely a matter of taste. Some dislike acid strawberries, and others dislike some other peculiar flavor. The writer finds no