most cheaply. We are told by a cer-tain class of fruit men that we should consider the natural tendencies of the tree in pruning and shaping, which I consider rubbish. All variewhich I consider rubbish. All varie-ties of apple trees can and should be ther of apple trees can and should be given the one shape in pruning, keep-ing in mind the above consideration. them small, not over four feet high,

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and before planting, cut them off not higher than two feet above the union of stock and graft. In pruning the top, start with four or five branches, cutting of all other sprouts. The following season cut off each branch to about twelve in lanch so as to ut. following season cut off each branch to about twelve in length so as to ultimately give the tree the form of an inverted umbrella, always keeping in mind the fact that there must be two or three limbs extending towards the centre so as to prevent the sun from sealding the branches forming the top. When the tree comes into heavy bearing, it will in .ume assume from scalding the branches forming the top. When the tree comes into heavy bearing, will in some assume the form of an upright umbrella or weeping tree. Bearing allowing the tree to grow higher that allowing the ples can be picked starding on the ground and the remainder by mean of a short ladder, and the tree and be sprayed from an ordinary wagon be xprayed from an ordinary wagon box.

I have recently reduced these trees in my orchard which are nearly 60 years old, and having a spread of top of over 40 feet, so as to conform to the above conditions as nearly as possible. Although the trees looked quite bare for a while, I have been highly pleased with the results, having had a crop of Spys last season, that for size, color ad quality would be hard to excel, especially considering the dry season.

Pruning Currant Bushes

W. V. Hopkins, Halton Co., Ont. We thin our black current bushes om the bottom to six or eight shoots, from the bottom to six of eight shoots, the number depending upon size of bush, strength of land, whether varibush, strength of land, whether variety is a strong, rank grower or not, and so forth. We seldon out back, and so forth we seldon out back, but leave one or two nebods, each year for renewing the bush as the old shoots are removed, we do not want too much wood, but wan 't vig-

In red currants we want about six bearing stalks and leave one or two new shoots each year. Each shoot is cut back to about 12 inches high. The cut back to about 12 inches high. The next year there will be several branches reaching up. We select an branches reaching up. We select an branches reaching up. We select a branches are cut back to, say, six inches, All the other branches are cut back two or three inches. Each year another leader is selected. We shorten more as the shoots get high and mature and conshoots get high and mature and conshoots get high and mature and conshoots get high and mature and con-In red currants we want about six selected. We shorten more as the shoots get high and mature and con-tinue to cut back all branches. This will result in strong, stocky bushes with currants in fine clusters. If the borer is bad, attend well to the re-

The Best Location for Orchards

Harold Jones, Grenville Co., Ont. When considering the location of an orchard, we must first take into consideration the locality in which we live; we must consider our snowfall,

sideration the locality in which we live; we must consider our snowfall, the depth the frost usually penetrates the soil, the drynes and the soil and soil the soil and soil draining the soil and so

importance.
On still nights the cold air drains On still nights the cold air drains down the incline into the valleys and ravines and lowers the temperature from three to eight degrees below that of the hillsides. Close observe that of the hillsides. Close observe will notice after a cool night with white frost in the early fall, fields of corn in the valley bottoms will be touched while that on the incline or hillside will escape.

while that on the incline or hillside will escape.
Large bodies of water, particularly if they have considerable depth, have a great tempering effect, and will tem-per the air to an elevation of 100 to 200 feet. An elevation of a few feet is often sufficient to cause perfect

My experience has been that the exposure of an orchard is of minor importance of an orchard is of minor importance of the policy of the content of the conte My experience has been that the exposure of an orchard is of minor im-portance, be it north, east, south or

perience has taught us that the Spy, Baldwin, Greening, &c., do not reach berfection and are in many cases not hardy, whereas in central and west-enrollment of the perience. It is advisable not to plant of the creek of a hill, as you are used to the drying effects of the wind out the drying effe

the drying effects of the wind on the soil in summer, the drifting away of the side of the tree in the side of the side of the tree in the side of the

Making a Hot-bed

Continued from issue of Feb. 17)

Making the bed requires careful attention, as future success depends largely upon the memor in which this work is done. Hange in which this work is done. Hange frame to be used, carefully halfing out and spreading each forkfully halfing to the spread of the manure speak to make time bed as uniform as so as to make time bed as uniform as so as to make time bed su thin the spread of the manure speak that half it is the spread of the manure speak that half it is the spread of the manure should be carefully and thoroughly done; unless it is, nee portion will heat quicker than the proper of the bed will heat quicker than the spread of the bed will. The proper depth of the bed will wary with the climate, season and the kind of plants to be raised. A shallow that the spread of the bed will be the spread of the should two feet deep will be bed, will heat more moderately evel made, will heat more moderately evel made, will heat more moderately packed around the other should then be allowed to stand with the should then be allowed to stand with the should then be allowed to stand with the should then be very eventual should not be shoveled or dumped in (Continued from issue of Feb. 17) Making the bed requires careful at-

The earth should then be very even-ly distributed over the surface of the bed and carefully levelled. The earth should not be shovelled or dumped in



A Plan for a Hot-bed

A Fish for a Rei-near There are various methods of making hotbeds. The accompanying article describes a very serviceable for the Reimberg and the Archard School of the Archard

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