

❀ Question • Drawer ❀

GRAFTING SEEDLING APPLES.

29. SIR,—I have a lot of seedling apples; should they be grafted in the ground or above, and is the wood of last year's growth old enough to use as scions?—T.A.G.

You may graft below on the root, or on the trunk above the ground. The former place is usual with seedlings, for then the splice is protected by the earth.

Nurserymen usually pull up seedling apple trees at the age of one or two years, or as soon as they reach a diameter of about three-eighths of an inch, pack them in sawdust in the Fall, and leave them in the cellar until they are ready to graft them. This is done in a grafting shop, indoors, and they are then packed away again in the same way until planting out time. It is rather late now to take them up, so, unless you splice-graft them at the surface of the ground, you will need to wait till Fall. Wood of one year's growth is just the right age to use for scions.

HARDINESS OF THE PRINCESS LOUISE.

30. SIR,—Please say in the next HORTICULTURIST, if the apple tree Princess Louise is hardy enough for our latitude, forty-five and a half: I do not find a word about its hardiness in your journal.—L. PASCHE, *Bryson Que.*

We do not know. It was to find out this that it was placed upon the list for distribution. It originated at Maplehurst, on the north side of what is known as the Niagara Escarpment, and is a seedling of the Fameuse; so that it is presumed to be as hardy as that variety.

SPRAYING OUTFITS.

31. SIR,—Please say what kind of a spraying outfit you would recommend?—A SUBSCRIBER.

IN reply to a good many inquiries about outfits for spraying trees, we here give a cut furnished us by Messrs. Johnson & Stokes of Philadelphia, representing the perfection

outfit, which is recommended as being the best hand-power for the purpose, and capable of spraying one hundred trees per hour. This pump is fitted with ten feet of discharge hose and a graduating spray nozzle, the above being attached to the pump at the spout "A". At the aperture "B," is attached

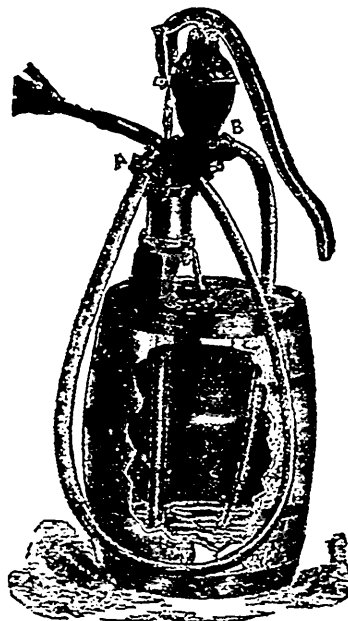


FIG. 47.

three feet of return hose, at the lower end of which is connected a discharge pipe, so that at every stroke of the pump, a small part of the liquid is re-discharged into the tank near the bottom of the suction pipe, which keeps the water and poison well mixed. The pump has a three-inch cylinder, and is furnished with an iron suction pipe, ready to mount on a barrel. This outfit complete without the barrel, can be had for ten dollars.

GRAFTING THE RUSSIAN APRICOT.

32. SIR,—Can a Russian apricot be grafted on a plum stock?—A.C., *Brantford.*

Stone fruits are not usually propagated