

any suggestion or information that may, in their opinion, be desirable to bring before the said conference.

Transplanting Young Trees.

A large proportion of the trees that are lost in resetting die because they have been injured when they were taken up. Without a good root or stem a tree can make but little progress in growth. In digging up trees, the surface soil should be removed to the root system, then a trench dug around the tree outside the mass of roots; then, by cutting under the roots with a sharp spade on each side the tree may be loosened from the soil with a good supply of young growing roots. If the tree is large the trench must be made around the roots to the depth of the lowest, and the roots gradually loosened and freed from the soil.

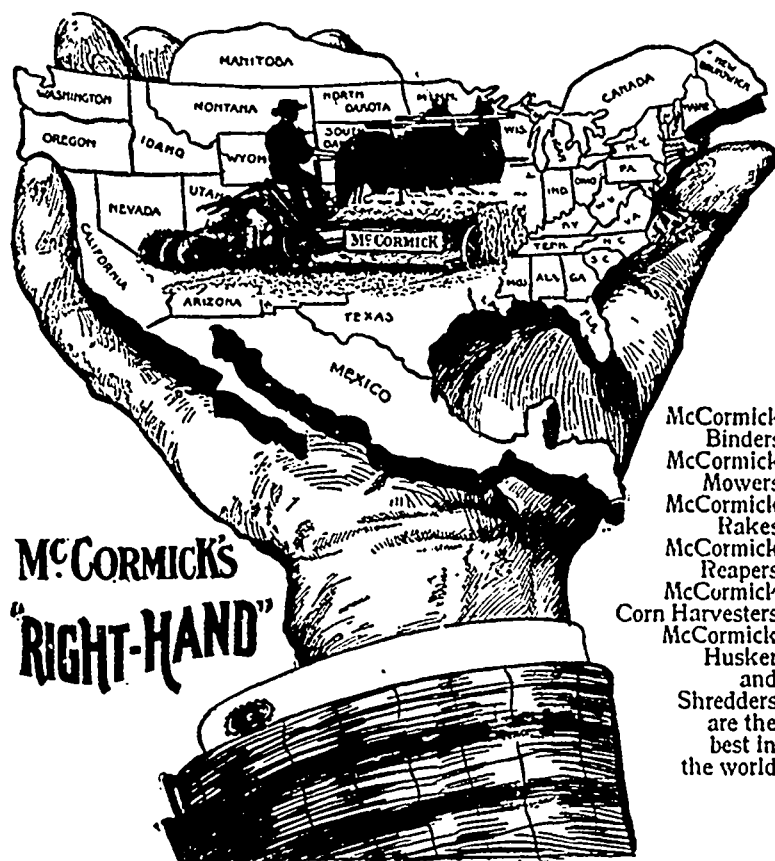
No matter how carefully a tree is dug, many of the young, feeding roots will be injured or destroyed. Thus only a small amount of sap can be supplied to the branches and buds, which, nevertheless, continue to evaporate a large amount of water; thus the tree often starts very slowly and sometimes fails entirely. By removing the branches and buds in proportion to the injury of the roots a balance is maintained. All injured roots should be cut off clean with a knife and the wounds of large roots should be painted over with some water-proof covering.

When trees are planted the roots should have a fine mellow bed of soil, which should be pressed firmly in contact with every fibre, leaving no air space around them, and all should be spread out in natural position. The soil should be pressed very firmly around all the roots, so that the new roots will be encouraged to make a rapid growth. If the soil in which the tree is planted is the same as the one from which it was taken the tree should be set the same depth as it was before it was removed. If the soil is heavier, the tree should be shallower; if lighter, it should be placed deeper. The surface of the soil which is over the roots should be fine and light, because the capilarity is then broken up and the moisture cannot escape.—*Press Bulletin, Kansas State Agricultural College.*

Onion Peeling in Hens' Nests.

One of the best materials for making hens' nests is the outside peel of onions. It will drive away if it does not destroy hen lice. These peelings, or a piece of the onion itself, ought to be always in nests where hens are sitting on eggs. The warmth of the hen's body will scent so her feathers that the lice will be glad to clear out, and the hen will be equally glad to have them do so. With a good place for rolling in the dust, under cover, so that the dust will not be turned into mud, it is not difficult to keep hens free from vermin.

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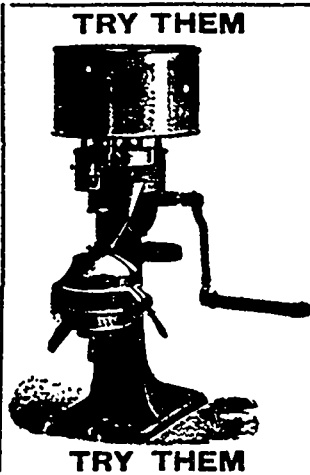
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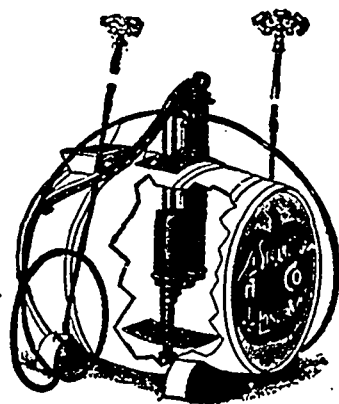
Gentlemen,—The machines for spraying and white-washing you have supplied to Dentonia Park Farm have done their work well, and are quite satisfactory. I could not have believed there was so much value in spraying fruit trees. We had a good crop of apples, whereas our neighbors who used no spraying machine had practically none. Yours truly, W. E. H. MASSRY.

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If you desire any further information, let us know and we will send you a 72-page copyrighted catalogue and treatise on the diseases affecting fruit trees, vegetables, etc., and their remedies. Agents Wanted. Mention this paper.



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