

manner. Those who carelessly plant the nuts, especially after they have dried for a long time, will probably fail to get trees; or if any grow, and the owner expects the young trees to take care of themselves, he will be greatly disappointed. Mr. Ragan's directions are, therefore, to the point, when he says the ground should be prepared in the best manner in the autumn. Furrow the ground off each way as for corn, except that the rows should be seven feet apart. Take the nuts, fresh from the tree, and plant two at each crossing. They are to be covered shallow, just enough to hide them. So much for planting. Then next spring furrow the seven-foot spaces intermediate between the rows, and plant with corn or potatoes. The corn and young trees will be all cultivated alike, and the young trees must be kept clean. The second spring thin out the trees to one in a hill. The thinnings will fill any vacant spaces where needed. Corn or potatoes may be planted the second, or even the third year, and after that the trees must be cultivated and kept clean until they occupy the whole ground so fully as to keep down by their shade all weeds and grass. Standing so near as seven feet, the trees will not require trimming, but will thus trim themselves. But when they begin to suffer from crowding, take out every alternate tree in each row, and in a few years another thinning may be made by taking out alternate trees in the rows at right angles to the first, leaving them fourteen feet each way. If the trees are to stand until they become quite large, additional thinning may be necessary. But they should always be thick enough to obviate the side trimming of branches. The thinnings will always possess considerable value.

At fourteen feet apart there would be over 200 trees to the acre, and these should sell for five dollars each in a quarter of a century, or \$1,000 an acre.

It is not likely that the timber will become cheaper in future years. If the good cultivation and management here described are given, there will be little or no failure of a full, even growth. If the work is carelessly performed, and the trees neglected, they will be poor and scattered. The regular planting in rows, and the continued cultivation until they wholly shade down all other growth are indispensable to success, and they are equally necessary in raising plantations of any other trees, as chestnuts, locusts, or catalpas.—*Country Gentleman.*

#### SOME NEW SORTS OF BEANS.

The White Marrow is still as popular as ever and is extensively grown for large markets.

The Early Feejee will always be a popular variety from the fact of its extreme earliness and being very hardy. It is one of the most productive we have, and the quality is excellent. In New England many of the farmers after hoeing the corn the first time plant beans between the hills, and so obtain two crops from the same field, while the latter product is protected by the growing corn, and if a little late is not liable to be injured by early frosts. Very often from eight to ten bushels are obtained to the acre when the season is favorable and the soil is moderately rich; for be it remembered that soil for beans must not be too rich since they are apt to "run to vines" instead of beans, hence the soil should not be too fertile. We wish in this article more especially to call attention to two or three new sorts of dwarf or bush beans as being well worthy the attention of all growers of the low growing sorts.

There are four sorts of wax beans—Black Wax, Dwarf White Wax, Crys-