

RELATIVE YIELDS OF ONIONS TRANSPLANTED AND GROWN FROM SEED.

Variety.	Weight of trans-planted.	Weight of non-trans-planted.
Early Red	71	14½
Red Victoria	53	7
White Victoria	56½	11
Silver White Etna	65	13
Yellow Globe Danvers	47	12

The author estimates that about 84 square feet of glass are necessary to furnish plants sufficient for one acre, and that the cost of transplanting an acre is about \$10.

When the saving of seed is taken into account, it is doubtful if the expense of growing a crop in the old way is less than by the method of transplanting. Transplanting onions produced large, regular, mature bulbs, greatly excelling the others in keeping and market qualities.

FRUIT PACKING AND GRADING.

The following hints on this important theme of packing and grading is from the Report of the Pennsylvania Horticultural Society.

Fruit and garden producers are much in need of a general system for grading. We must have legislation and co-operation as well as the enforcement of such laws enacted by our legislature. To-day, we have men authorized to inspect flour, coal, oil, whiskies, etc., placing their official mark on each article inspected. These are bought and sold by the grade as marked upon each case. Fruit is used extensively every day in every state of our Union, and yet no system of grading or inspection is in force.

Grading fruit is not simply separating the better from the inferior; there is another grading which is pre-eminent, uniform measure. Our old standard measures of a half bushel and peck have become so old-fashioned they are a mere figure-head with many fruit dealers. The per cent. of fruit and vegetables thus measured is exceedingly small. Barrels, crates, baskets, berry-boxes, etc., are now used to carry fruit and ship to distant markets. No fault is to be found with the box, barrel or crate, but in the matter of sizes specified regulations should be adopted. I have found baskets holding $\frac{3}{8}$, $\frac{1}{2}$ and 7-16 bushels. Each of these sizes is a basket of the original intention. Probably no wrong was intended, but the matter of sizes has opened the doors wide for the perpetration of fraud. The inexperienced, thinking a basket means a half bushel, offer their produce at so much per basket. The buyer brings out his $\frac{3}{8}$ -bushel basket and wants it filled round full. The farmer figures 20 bushels will fill 40 half bushel baskets, but when he counts the baskets only 32 are found. A dispute at once arises, but being sold and bought by the basket, the producer takes his pay and departs. The dealer fills his 7-16 bushel or 14 quart basket and then has 45.6 baskets. The dealer paid for 32 but now sells 45½, gaining 13½ baskets on the 20 bushels. Frequently such dealers are the loudest complainers.

We need wise legislation and the co-operation of good, honest merchants, backed by every horticultural association in the country, against tricksters of this kind. Barrels, crates, baskets, boxes, etc., should be of established sizes and so easily distinguishable that every buyer and seller knows what he buys and sells. The size of pint and quart berry boxes sometimes returned in crates is often surprising. Every manufacturer has his own notion about the size, or else in his calculation must figure on liquid measure. Crates have never been returned to me with boxes of different makes of the same size.

Careful picking, careful handling, scrupulously clean baskets and boxes, free from last year's mould and stains, add largely to quick sales and better prices. Often one poor over-ripe berry prevents the sale of the box, one inferior peach lessens the value of the

whole basket; or established schedule grading should be the standard. It should be the large class, fair size, wormy, scabby, inferior than need be for differs so will its

To have a fine at the proper time in the assorting fruit alike in time of market. Always select grade them carefully large; a half bushel discolored of the will stand a good pears; sell them

Peaches should number of peaches large I grade then bushel. Always imperfect fruit at —your brand will having a layer at of but little use or colored. It is said apples always command high market prices, and every grower culture a study and man's kind and produce well-grown, richly gods, is now a market

Graded fruit knows how to grade the eye. In many for market. Citrus Especially is this true of fruit was brought Fla. As they were soon became an export Florida to Savannah over the country and other fruits, so our own.

The art does not demand prices above the extraordinary care attractive label should and should have price etc. This can easily

Picking, grading in him, he cannot let wrappers, white tissue