

The above is simply what has been done in the ordinary culture, without any particular effort or extra exertion, and we have no doubt the crop would be still further increased by improving the variety, and with a better opportunity of selecting the soil, and varying somewhat the kind of manure.

FACTS IN FARMING.—The more dung, the heavier green crops; the more green crops, the more cattle food; the more cattle, the more dung. Hence, by keeping an abundance of cattle, a farm can be improved from year to year.

COMPARISON OF MANURES.—The manure of a horse may nearly equal that of a cow, setting quality against quality; and that made by two or three pigs may be equal in value to that of an ox.

Horticultural.

THE APPLE ON PARADISE STOCKS.

Mr. Barry, the talented conductor of the *Genesee Farmer*, remarks, that "the dwarf apple, produced by grafting or inoculating on the *Paradise Stock*, is a great desideratum for small gardens, and also for all gardens. It requires not much more space than a currant or gooseberry bush. It bears early and abundantly, and the fruit is uniformly larger than standard trees. The fruit is never blown off prematurely by high winds, and is easily gathered. The trees are within reach of the cultivator, without the use of ladders; are easily pruned, manured, and otherwise tended; and, if necessary, may at any time be removed from one place to another, and at any age, without interrupting seriously their productiveness. These miniature apple trees are among the chief beauties of the fruit gardens. The *Paradise Stocks* used in this country are usually imported from France, and consequently dwarf trees are more costly than standards, grown on free stocks, raised from seed obtained at little or no cost at the cider mills; but by-and-by our nurserymen will, no doubt, propagate their own stocks, and the trees will consequently become cheaper.

"The *Paradise* is a species of apple that reproduces itself from seed, but is usually propagated for stocks by layers. When the plants are removed from the nursery, one year's growth

from the bud, they should invariably be cut back till within three or four buds of the stock; and they should never be planted so deep as to place the bud or graft in the ground, as in that case it will emit roots, and the effect of the *Paradise Stock* will be lost. The soil should possess considerable firmness for dwarf apples, as the roots remain so near the surface. Annual pruning is necessary to give the trees a good shape, as well as to keep up their vigour; and they should also receive an annual dressing with compost."

QUALITY OF APPLES, AS DECIDED AT THE BUFFALO POMOLOGICAL CONVENTION.

As the business of cultivating fruit is becoming an important interest to the farmers of Canada, a list of varieties of apples, with remarks by the Convention and Mr. Barry, as published in the *Genesee Farmer*, and for the information of those interested in the culture of fruit, we publish it nearly entire in this Number;—

The St. Lawrence Apple.—Several gentlemen from Canada, Western New York, and elsewhere, regarded this fruit as being nearly first rate, and some even quite first rate, in quality. The tree is a vigorous grower and a good bearer, and the fruit always large, fair and fine. Mr. Thomas of Macedon objected to it on account of its coarseness, and said that he regarded it as not more than second or third rate. After considerable discussion it was voted, though not unanimously, to be first rate.

Pomme Royal or Dyer.—Mr. Elliot said that this apple was cultivated in Ohio, in some collections, as *Cole's Spice* and *Golden Spice*. Mr. Thomas said it was cultivated in Western New York, in some collections, as *Hollow Crown*.—Unanimously passed as first rate.

Early Joe.—All who knew this fruit concurred in its being one of the very best apples of its season, but that it should be eaten soon after being picked from the tree.—[We have had this fruit in fine condition 6 weeks after being gathered.]

Early Strawberry.—First rate for its season.

Sweet Bough.—First rate for its season.

Sine qua non.—A first rate for its season.

Minister.—A famous New England apple. Passed as second rate.

Summer Rose.—Unanimously passed as first rate. Mr. Elliot of Ohio remarked that if he should cultivate but one early apple it would be this.

Summer Queen.—A sweet variety was presented under this name, but was decided to be