

wood and lengthening the duration of the tree by many years. If anyone is doubtful of these results let him faithfully try the experiment.

Mr. Bailey adds that the following varieties are those which find most favor with the Michigan growers: Hale's Early, Lewis Seedling, Mountain Rose, Barnard, Snows' Orange, Yellow Alberge, Jacques' Rareripe, Switzerland, Hill's Chili, Golden Drop and Smock.

CHOICE GRAPES.

A LIST of choice grapes is given in the *Garden and Forest* for April 30th, by Mr. E. P. Powell, of Clinton, N. Y. His list of black grapes is Moore's Early, Worden and Herbert, and of these he places the Worden as No. 1 for market. He sees no use of planting the Concord any longer because the Worden is equally hardy, prolific, and is of better quality. It is sweet, as soon colored, hangs well on the vines, and is a better keeper than the Concord. For late black he places Herbert ahead of Wilder. Of red grapes his choice is Brighton, Gaertner and Salem. His list of white grapes is Diamond, Hayes, Niagara and Duchess. Of these he places Diamond at the head of the list, as it has been tested and has received no strictures on its quality, growth, habit or bearing qualities. He ranks the Niagara with the Diamond in value, but discards the Lady because it is so poor a cropper.

HARDY APPLES.

THE late bulletin of the Iowa Agricultural College contains some interesting notes on hardy fruits by Prof. Budd, some of which we will quote. Speaking of *Summer Apples* he says:

"The SWITZER is a very hardy tree up to the 44th parallel on dry soil and in airy positions. It is fully as large as the Fameuse, as handsomely colored and fully equal in quality. It is ready for use much earlier than the Fameuse. The BOROVINKA is like the Duchess in tree, foliage and fruit, but the fruit averages larger and keeps fully a

month longer. The YELLOW TRANSPARENT is valuable for home use or market in localities not much subject to blight. The fruit is earlier, larger, handsomer and better than the old Early Harvest. The BLUSHED CALVILLE will prove more valuable than the Yellow Transparent over great areas of the West. The tree is much hardier, more nearly free from blight, the fruit is about as early, as large in size, is handsomely blushed and we think it is less perishable and better in quality. Of autumn apples, the LONG-FIELD is a good tree, but not much hardier than the Wealthy. It is an annual and full bearer, of medium sized, blushed yellow fruit of excellent quality. The tree is an abundant bearer and excellent for both cooking and dessert purposes. The HIBERNAL is a true iron-clad and a continued heavy bearer. The fruit is large, even-sized, handsomely colored and of best quality for culinary use. Of winter apples, APORT is proving very valuable. The fruit is large, smooth, handsomely colored, fine grained, mildly acid and good for any use. If picked when beginning to color, it colors perfectly under cover and keeps well into winter even in southern Iowa. The ANTONOVKA will be very valuable on ridges wholly without shelter, north of the 42nd parallel. On black soils in sheltered spots it is apt to blight. SCOTT'S WINTER, a Vermont apple, is as hardy as the Wealthy and an excellent bearer. The fruit is as large and handsome as the Winesap, a better keeper, an excellent cooker, and when fully mature a fairly good dessert fruit.

McMAHON'S WHITE APPLE.

As some references have been made to this apple, both in our journal and report, it may be well to note that it was the apple which attracted most attention at a recent Horticultural Convention in Madison, Wisconsin. Mr. Hatch, a well-known orchardist in that State, raised 300 bushels of this variety last year, and pronounced it hardy in Wisconsin and very profitable. It is described as large, round-obovate, yellowish-white, quality good, flavor pleasant sub-acid-flesh white and very tender.