

## Reviews and Abstracts

**Blue Lake, a New Bunch Grape for Florida Home Gardens.** 1960. By L. H. Stover. Fla. Agr. Exp. Sta. Circ. S-120.

The Blue Lake bunch grape was bred and introduced by the Florida Agricultural Experiment Station. This fine flavored blue grape is being recommended for home gardeners only, and particularly for that part of Florida which includes Highland County and the area north of it.

This new grape is a cross of Florida No. 43-47 (*Vitis smalliana*. Bailey) × Caco (Catawba × Concord). The vine is vigorous and productive. The roots are resistant to borers and the common root diseases. The flowers are self-fertile.

The berries of Blue Lake are small and borne in fairly loose clusters. The flavor of the fruit is spicy. They are slightly tart, and averaged 16.1% soluble solids at maturity over a six year period. The fruit mature slowly but evenly, and adhere well to the pedicels.

The names of nurseries from which Blue Lake can be purchased can be gotten by writing to the Watermelon and Grape Investigations Laboratory, Box 321, Leesburg, Florida.



**A Historical Review of the Malling Apple Rootstocks in America.** 1960.

By D. Zeiger and H. B. Tukey. Mich. Agr. Exp. Sta. Circ. Bul. 226.

Although "dwarf" apple trees have been grown in North America for some 150 years, this review is the first comprehensive attempt to assemble the scattered information on this subject. The authors are to be commended for their ambitious and scholarly undertaking.

The reader will enjoy reading the views on dwarf fruits of the great pomologists of the past.—A. J. Downing, William Cox, Patrick Barry and others.

Apparently the first North American importation of the Malling apple rootstocks was made in 1920 by R. D. Anthony, of Pennsylvania State College. These were first used as a research tool for fertilizer experiments, rather than as a basis for evaluating the rootstocks themselves. The first orchard test of the Mallings was begun by J. K. Shaw in 1928, at the Massachusetts Agricultural Experiment Station.

In 1937, the Maloney Brothers Nursery Company was the first to offer trees on Malling rootstocks for sale.

Observations are reported by the authors from literature on propagation of the Mallings, on compatabilities, hardiness, anchorage and many other pertinent subjects.

This review, with its 187 literature citations, should provide a very useful reference for both study and research on the subject of dwarf apples.



### Hardier Sweet Cherries Needed for Montana

We need a sweet cherry in Montana that is at least as hardy as a sour cherry like Montmorency. I have a considerable number of different varieties, perhaps 50 or more. Their resistance to cold varies a good bit. Hedelfingen seems to stand more cold than Lambert, but cannot take sudden changes in temperature as well. Giant appears to resist cold pretty well. Seedling Mazzards seem a little hardier than the cultivated varieties.—D. A. Lawyer, Plains, Montana.