Reviews and Abstracts

Winter Hardiness of Stone Fruit Varieties in Irrigated Central Washington. 1954. By H. W. Fogle and F. D. Overley. Wash. Agr. Exp. Sta. Bul. 553.

This is a winter hardiness study involving different varieties of peaches, apricots, plums and cherries, following damaging low temperature conditions during January, 1950. Most of the observations were made in randomized blocks of trees on the Roza unit of the Irrigation Experiment Station at Prosser.

The trees were examined first when they were still dormant, then during bloom, the growing period, and finally in November. The degree of injury and rate of recovery were noted and each variety rated accordingly.

Peach—All trees were injured. Some including Redhaven, July Elberta and Goldeneast recovered rapidly.

Apricots—None of the commercial varieties came through very well. A few untested seedlings, seemed fairly hardy.

Plums—All European plums resisted damage well. Stanley and President appeared most hardy. All Japanese plums were badly injured.

Cherry—Sweet cherries showed only minor damage. Lambert, Bing and Deacon appeared slightly more hardy than other varieties tested.

A Summary of Grape Variety Trials in Oklahoma. 1955. By H. H. Hinrichs. Okla. Agr. Exp. Sta. Bul. B–448.

Due to the urgent need for grape varieties to replace Concord in Oklahoma, a grape variety testing program was initiated at the Oklahoma Agricultural Experiment Station in the early thirty's. This bulletin is a summary of the results of these tests.

The ripening dates and yields of 75 varieties are tabulated, and descriptions of the most promising ones are presented.

Some of the American originated varieties that are recommended for planting in Oklahoma on the basis of their performance during these tests are Seneca, Campbell, Fredonia, Beacon and Catawba. Of the French-American hybrids that were found suitable, there are Seyve-Villard 18–315, Siebel 1000, Siebel 14654 and others.

Propagation of Horticultural Plants (2nd Edition) 1955. By G. W. Adriance and F. R. Brison. McGraw-Hill Book Co., N. Y. 298 pages. $6.50.

Every professional, amateur and prospective fruit breeder and tester is concerned with the propagation of plants. Here is a book that will tell you a lot of things about propagation that you will want to know. The various methods of propagating the important woody and herbaceous plants are considered—from seedage to graftage.

In addition to describing the various propagation techniques and practices, the authors related these to the anatomy and physiology of plants.

They go into considerable detail in describing the budding and grafting of many of the tree fruits and nuts, and small fruits.

Those of you who have the old edition of "Propagation of Horticultural Plants" will be especially interested in the revisions in each chapter of this new edition, the added references, new illustrations, and the new chapter on pruning.