

## Reviews and Abstracts

### Some Notes on Apple Varieties. 1960.

By E. C. Blodgett and M. D. Aichele.  
Wash. State Dept. Agr. Hort. Bul.  
No. 3. (Published in cooperation  
with Wash. State Univ.), 46 pages.

This is the most complete list of apple bud sports that this reviewer has yet seen. A total of 86 sports of Delicious are described, as well as 30 sports of Winesap, 15 of Rome Beauty, 5 of Jonathan, 7 of McIntosh and 3 of Golden Delicious. Some of those reported here were introduced as recently as 1959. In addition to notes on the color and shape of the fruit itself, the authors have also tabulated the following: where, how, when and by whom each sport was introduced, tree type, and the present propagator.

The authors of this valuable bulletin are plant pathologists. They are working primarily to establish a source of disease free stock of all important and promising apple varieties at the Moxee Plant Introduction & Quarantine Station at Moxee, Washington, in connection with their Nursery Improvement Program. Yet, this bulletin reflects the importance they attach to the variety problem as related to the fruit and nursery industries.



### Tropical and Subtropical Agriculture

(two volumes) 1961. By J. J. Ochse, M. J. Soule, Jr., M. J. Dykman and C. Wehlburg. Macmillan, 1472 pages, \$35.00.

The four professors of the University of Florida who collaborated in writing these two volumes have undoubtedly made a substantial contribution to horticultural literature.

They offer a vast amount of practical information, background and references on tropical and subtropical agriculture.

Volume I (760 pages) should be of special interest to horticulturists, since it includes material on the important tropical and subtropical fruits. About half of this volume deals with general information such as climate, soil, soil management and cultural practices required for agricultural crops of the tropics. The treatment of the formation and properties of soils could perhaps have been shorter and more specific than it was, although it is well presented. Banana and citrus fruits are discussed in great detail as to their climatic and soil requirements, varieties, harvesting and handling methods. Pineapple, date, avocado, cherimoya and a host of other fruits are described in less detail. In each instance the fruit and plant itself is described and illustrated and its history presented.

Volume II (712 pages) continues where Vol. I lets off, in considering, separately, the many tropical and subtropical crops such as coffee, cacao, tea, rubber, rice, cotton and others. Although the reviewer did not see this Volume, he guesses that it should be a very valuable reference for those concerned with such crops.



U. S. D. A. and Florida Exp. Station workers have identified six citrus rootstocks resistant to burrowing nematodes, namely, Rough lemon A and B, Sanguine gorsse ronda, Pineapple-156, Carrizo citrange and Clone X.