

As a 3-year total, the yields of single cropped raspberries are approximately 50% that of the double-cropped raspberries (Table 1).

An increase in total yield of at least 2 times may justify the additional pruning, maintenance, and picking associated with the double cropping

system. Even with the decreasing yields discussed above, however, the reduced labor associated with the single cropping system of growing raspberries should prove profitable to many growers, particularly pick-your-own operations.

Literature Cited

1. Anon. 1976. Jim Thorsen farm near Freeland specializes in late raspberries. *Great Lakes Fruit Grower*. Sept. issue: p. 19.
2. Makielski, E. 1978. Raspberry culture—there must be an easier way. *Proc. 1978 Illinois Small Fruit School*. Dept. of Hort. Series 7:36-40.
3. Shoemaker, J. S. 1975. *Small Fruit Culture*. The AVI Publishing Company: Westport, Connecticut. p. 204.

BOOK REVIEW

Approval Practices in Fruit and Vine Production. 2nd Edition. A. H. Scheer and E. M. Juergenson. Interstate Printers. 548 pages. \$7.50

This is a very reasonably priced elementary textbook on fruit production suitable for a course on this subject at the secondary school level. Primarily directed toward production in the southwest, it covers most of the important fruit production practices rather well.

There are, however, some glaring omissions, in my opinion, which prevent this book from being as universally useful as it could be. A few examples will clarify my point. Any student looking for information on apple rootstocks will find little on the subject in this book. No mention is

made of the relatively new integrated approach to pest control. Nor is there any discussion on application equipment and techniques for control of insects and diseases.

Chemical weed control, a vital part of any fruit growing operation, is omitted. Another missing subject is fruit storage on the farm, very important in the east and midwest, although probably not in California. The section on small fruits does not include blueberry, and one of our most important fruits, the strawberry; and it is so sketchy on raspberries, that I wonder if the authors would not have been wise to have left it out entirely.

—G. M. Kessler