

TENNESSEE LUSCIOUS RED RASPBERRY

By Brooks D. Drain, 1945.
Tenn. Agr. Exp. Sta. Circ. 92.

The Tennessee Luscious red raspberry (Plant Patent No. 653), is a cross of Lloyd George by Tenn. No. VVF169, the latter being a cross of Van Fleet by Viking. The plants of Tennessee Luscious are tall, upright, vigorous, very productive, and form few suckers. This latter characteristic makes commercial propagation a somewhat serious problem. Only small amounts of anthracnose and leaf spot have been observed to date, and no mosaic. The berries ripen a few days after Latham and are harvested over a long picking season. The fruit are large, retain good size through the season, are roundish conic in shape, a little darker than Latham, adhere well to the receptacle, and have good picking quality. The fruit is of excellent dessert, freezing and shipping quality, and good keeping quality. The drupelets are small, numerous, and have strong coherence. This variety is recommended for trial as a very promising commercial variety. —W.P.J.

A WINE-GROWER'S GUIDE

By Philip M. Wagner, 1945. Alfred A. Knopf. 230 pages.

In the preface of this well-written book the author states that it is "a practical handbook of wine-growing and a layman's survey of the subject . . . to answer the questions . . . what grapes they can grow with hope of success in the various parts of the country, what kinds of wine these grapes will provide, and the rudiments of the art of growing them".

The first five chapters (74 pages) of this book are devoted to the history and development of grape growing and wine making in both the eastern and western

parts of the United States. The next six chapters (98 pages) describe the growth and development of the vine itself, and supply information on establishing and managing a vineyard. Chapter 12 presents a detailed discussion of the varieties grown in California. Chapter 13 contains information on the American hybrids and chapter 14 describes the important French hybrids which have been rather seriously neglected by grape growers in the United States. A three page bibliography completes the book.

This volume contains a good amount of useful information presented in a clear well-organized manner. The material in this book is of interest to the producer of table as well as wine grapes.

—W.P.J.

PLANT GROWTH

By L. E. Yocum, George Washington University, 192 pages. 1945. Jaques Cattell Press.

This book is written for the layman to make clear the "how and why" of plant growth from seed germination through the fruiting stage. The following topics are discussed: seeds and seedlings, germination of seeds, cell structure, roots, absorption of water and mineral salts, the soil, stems and buds, pruning and training plants, propagation, leaf structure, food making, transpiration, insects and diseases, weeds, flowers, hybridizing plants, heredity and variation, plant hormones, soil improvement, fertilizers, nitrogen, and rest period of plants. A glossary of terms is also included.

The factual material is accurate and is presented in an interesting popular style without sensationalism. This book should make a fine addition to the library of the home gardener, farmer, or fruit grower who is interested in the fundamentals of plant structure and growth. —W.P.J.