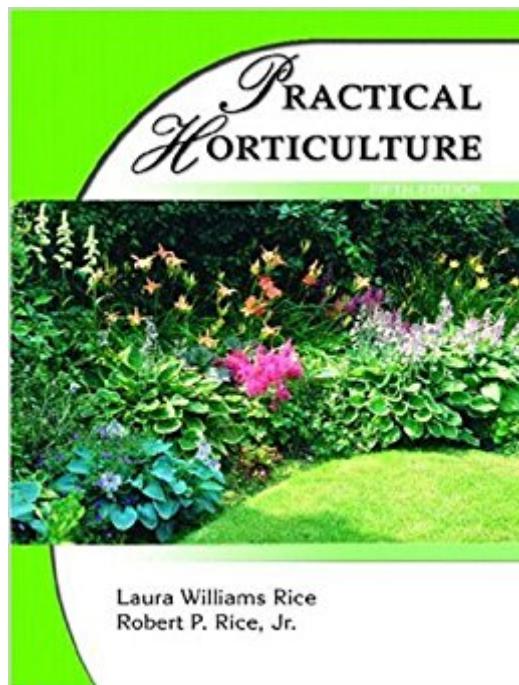


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Practical Horticulture (5th Edition)



Synopsis

For undergraduate survey/non-major courses in Horticulture. Providing a scientifically-based, yet practical introduction to horticulture, this text presents material relevant to the way people encounter horticulture in everyday life (landscapes, houseplants, vegetable gardens), while introducing important aspects of horticultural science and commercial practices.

Book Information

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Customer Reviews

An easily readable and scientifically thorough text, Practical Horticulture provides the basics in horticultural science and clearly illustrates the applications of that knowledge in both home and production agriculture. In addition to a plethora of photographs and precisely illustrated drawings, the fifth edition boasts a comprehensive primary section on anatomy, physiology nomenclature and other basic topics, as well as secondary sections to focus the student's studies on either horticulture or indoor plants. New to this substantially revised edition: Updated Internet resources at the end of each chapter for further online study A listing of trade and professional journals, as well as national and international professional horticultural organizations An introduction to the ethics of horticulture, including samples of a professional organization's ethical guidelines New material on safety with regard to the mixing and application of pesticides, and pesticides residues, as well as allied information on non-chemical pest and disease control A soil texture diagram and an expanded section on the role of soil organisms in plant growth Concise sections on commercial production of container-grown landscape plants, bedding plants, vegetables, commercial seed production, and

greenhouse pot plants

The fifth edition of Practical Horticulture marks over 20 years that the book has been in print, as well as a major turning point in broadening the text. It was originally conceived as a university text for nonmajors courses in horticulture with the idea that the students would acquire a sound (if limited) foundation in aspects of horticultural science such as physiology, nomenclature, anatomy, growth and development, and so on (Part 1). In addition to this, they would learn of the applications of the principles of horticulture to home horticulture both outdoors (Part 2) and indoors (Part 3)—applications that might eventually be useful in their lives after university. But the clarity and readability of the text, combined with the great number of instructional photos and illustrations, have brought it to the attention of horticulture instructors who teach this course in a myriad of ways and at a variety of levels. For this reason, in the fifth edition I have chosen to not only update but to broaden the text, keeping the basic core horticultural science in Part 1, but enhancing it with more information about the profession of horticulture and with descriptions of the techniques in commercial production horticulture. You will find the following improvements in this substantially revised fifth edition. A new section with the current (but ever-changing) definition of what a "plant" is in the light of modern investigation into the genetic relationships among earth's organisms A list of the national and international professional organizations for the specializations within horticulture, and a list of trade and professional journals An introduction to ethics in horticulture, and an example of one professional organization's ethical guidelines Sections on commercial production technology for container-grown landscape plants, bedding plants, field vegetables, high-density tree fruit production, commercial seed production, and greenhouse pot plants. In addition, there is new material in the text on safety in regard to the mixing and application of pesticides, pesticide residues on fruits and vegetables, and power landscape maintenance equipment. A sample pesticide label diagram (in the form required by the Environmental Protection Agency) and a summary of national legislation over the past 30 years in regard to pesticides in agriculture have been included also. Allied information on nonchemical pest and disease control and the increasing role of beneficial insects (with photos of some of them in action), a table of biological control agents such as nematodes and predator wasps, and a section on fungicidal inoculants for prevention of root diseases round out this enhancement. The soils chapter has been enlarged to include sections on the role of soil organisms in plant growth, discussions of field capacity and matric potential in irrigation, current and traditional soil conservation techniques, and a traditional soil texture diagram. Appreciation is expressed to Erric Ross, Mt. Hood Community College; Craig A. Tolley, County

College of Morris; Dawn Gatherum, Weber State University; Ellen B. Peffley, Texas Technical University who reviewed the text. The authors hope that the updating and broadening of the text will be appreciated by those who currently use it, and will make it more applicable to a wider range of courses taught by professors and teachers of horticultural science in all of North America. Laura Williams Rice Sept 21, 2001

Great book for students and horticulture enthusiasts. Learned a lot from it.

This book makes either an excellent teaching resource or a good personal reference book. I got it for teaching horticulture to my niece and ended up spending hours reading for my own personal benefit! There is one drawback. In the early pages of the book, reference is made to additional material (for teaching) which can be obtained from the Pearson's website. This material is NOT available to anyone who does not purchase the book through that website. However, when my sister attempted to purchase 1 copy of the book through the aforementioned website, there was no way to do so. Therefore, in effect, this supplemental material is NOT available to anyone who is NOT teaching in an accredited college...although the book could be taught to someone at the Junior and senior level of high school! In fact, I spent over 5 hours on the phone (being transferred from one department to another) before being told (on the website)that, although the supplemental material is available to home-schooling parents) that, in reality, it is NOT available!If you are looking for an excellent book on horticulture, this is an excellent resource. If you are looking for an excellent textbook on the subject, it is also excellent. However, you must be prepared to go it on your own with the book as you will get NO HELP from Pearson's!

I got a new book from for less money than the used copy at my school bookstore. The textbook is fine, it would be better with brighter pictures

Great content. Readable. Excellent graphics and photos.

Book was not in as great of condition as I thought it would be...When I opened the book, a few pages basically fell out because they were barely attached to the spine anymore.

The book was in poor condition but it was what I needed.

Needed it for class. Terrific text. Will keep for reference.

Thank you

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