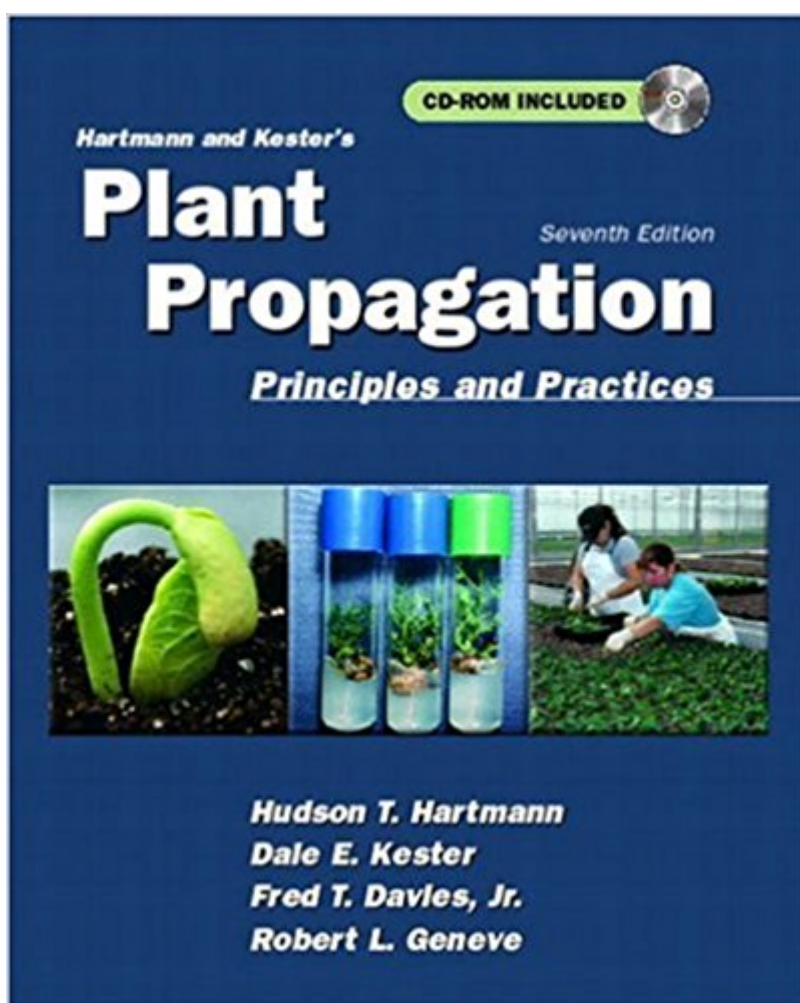


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# Hartmann And Kester's Plant Propagation: Principles And Practices (7th Edition)



## Synopsis

Hallmarked as the most successful book of its kind, this remarkably thorough treatment covers all aspects of the propagation of plants—both sexual and asexual—with considerable attention given to human (vs natural) efforts to increase plant numbers. The book presents both the art and science of propagation, and conveys knowledge of specific kinds of plants and the particular methods by which those plants must be propagated. A five-part organization outlines general aspects of plant propagation, seed propagation, vegetative propagation, methods of micropropagation, and propagation of selected plants. For anyone with an interest in how plants are grown and utilized for maintaining and adding enjoyment to human life.

## Book Information

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## Customer Reviews

Hallmarked as the most successful text of its kind, this remarkably thorough book covers all aspects of the propagation of plants—both sexual and asexual—with considerable attention given to human (vs. natural) efforts to increase plant numbers. The text presents both the art and science of propagation, and conveys knowledge of specific kinds of plants and the particular methods by which those plants must be propagated. New features of the seventh edition include: In-depth text boxes separate more advanced topics or highlight specific key terminology. User-friendly elements, such as chapter-opening objectives and a marginal glossary have been added to assist users in managing and digesting the vast amount of technical information presented in this course. FREE glossary CD-ROM packaged with the text provides a valuable resource for learning the extensive

new vocabulary of this course. Full-color photos and video clips help bring many of the terms to life. Chapter 2 has been extensively revised to synthesize the revolutionary impact of biotechnology. The new chapter alerts readers to recent biotechnology advances, their impact on biological concepts and their impact on the practice of plant propagation and makes readers aware of the increasing promise and controversy this technology brings with it.

Dale E. Kester is Professor of Pomology emeritus at the University of California, Davis. During his 40 years at the University of California he taught courses in plant propagation and pomology. He has been a member of the American Society of Horticultural Science, becoming a Fellow in 1977. He received jointly the Stark Award in 1980. He has published over 100 research and popular publications in plant propagation and pomology. He has had a lifelong collaboration with Dr. Hudson T. Hartmann which resulted in the publication of the first edition of *Plant Propagation: Principles and Practices* in 1959, followed by other editions in 1968, 1975, 1983, and 1990. One of the founders of the Western Region of the International Plant Propagators' Society (1960), he has served the society in various capacities including Vice-President, program chair (1996) and President (1997). He received the Curtis J. Alley Achievement Award in 1999. Fred T. Davies, Jr., Professor of Horticultural Sciences, and Molecular and Environmental Plant Sciences, Texas A&M University, has taught courses in plant propagation and nursery production and management since 1979. He has co-authored over 100 research and technical publications. He was a Fulbright Senior Fellow to Mexico (1993) and Peru (1999), and a J.S. Guggenheim Fellow (1999). He received the Distinguished Achievement Award for Nursery Crops from the American Society of Horticultural Sciences (1989), L.M. Ware Distinguished Research Award-ASHS-SR (1995), and S.B. Meadows Award of Merit-International Plant Propagator's Society-SR (1994). He is a recipient of the Association of Former Students Distinguished Achievement Award for Teaching-TAMU (1997), Chancellor of Agriculture's Award in Excellence in Undergraduate Teaching-TAMU (1998), L.M. Ware Distinguished Teaching Award, ASHS-SR (1998), and L.C. Chadwick Educator's Award, American Nursery and Landscape Association (1999). He is the International Division Vice-President-ASHS. He was President, and is currently Editor, of the IPPS-SR.

I'm a first year Horticulture student, and this is my text for Plant Prop. Almost all of the information I've read so far - a few hundred pages - is new to me. Hartmann et. al. do a great job of taking complex, unfamiliar information and expressing it simply and clearly, so that I understand. In the margins of every page, they break out and define important terms, making it very easy to locate

definitions when I need them. There are frequent boxes with "in depth" information that more fully explores concepts brought up in the general narrative. There's also a CD-Rom dictionary, which is helpful, although I find the access is a bit cumbersome - click on a letter, wait for it to open a list, click on a word (if the word you want is there - many of the ones I wanted to find are not included), wait for it to open the definition & picture, then click back to the first page. If it were simply searchable - if I could type in a word without clicking through the various screens - I'd use it more. It's a nice bonus, though, and they didn't have to include anything at all so it seems unfair to rate the book based on the accessibility of the disc contents. I will say this book would be most useful in tandem with practical labs that explore the concepts and offer the chance to experience what is in the text. I'm taking my class as an independent study, and I find it is very challenging to teach myself all of this material without the benefit of labs, even though my advisor is excellent and always available for my questions. I generally read the text at least twice and often four times, because it's so intense that I don't catch everything on the first run. I plan to try some of the techniques myself, once I gather the supplies I'll need; I think this will make all the difference in my true understanding and retention of what I've read about, and my advisor agrees. To instructors, I'd say to just be aware that even though the information is presented gently, it's still a lot for a new student to take in, and even the most conscientious student can get overwhelmed by a 100-page reading assignment. It's too much. Break it up, work in some labs, and really encourage discussion to make it come alive. In that context, I can't imagine a better text to use for teaching Plant Prop.

**SUPER Book.** Everything you ever wanted to know about plant propagation in a very easy to read and understand book. YES YES YES

This is a good textbook. It is big, but that is because it has a lot of pictures and a lot of content. The pages are glossy and it has lots of color photographs in it. It covers many types of propagation. Though this was material for a 300-level collegiate horticulture class, I did not find it to be very difficult to learn and understand.

This book is great. Although it is not the 8th edition, which is the newer edition required for plant propagation course, this book serves well and has all the information needed. The newer version essentially has updated examples and updated source information and additional exemplary photographs. For the price, this book is adequate for getting the same out of the course as is the newer version, just available at a much lower price. If your looking for well documented and reliable

information about plant propagation at a reasonable cost, this book is the way to go!

My partner needed this book for school.

I was required to get this edition for a plant propagation class (go figure) and I already owned a previous edition (the 3rd?) This book is wonderful. Great resource. I highly recommend it to anyone in the hort field who needs to propagate, so almost everyone!

In fair condition. Not new but useful.

good

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