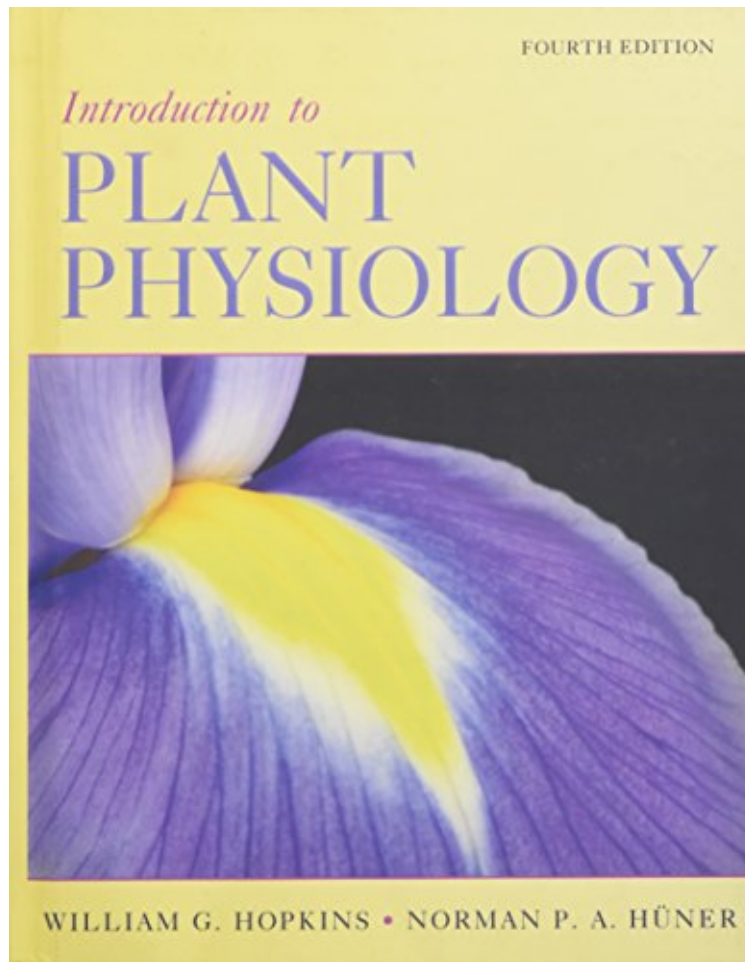


Introduction to Plant Physiology

William G. Hopkins, Norman P. A. Hner
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William G. Hopkins, Norman P. A. Hner : Introduction to Plant Physiology before purchasing it in order to gage whether or not it would be worth my time, and all praised Introduction to Plant Physiology:

7 of 7 people found the following review helpful. a bad textbook to learn plant physBy Jessica L. LawrenceThis is an introductory book, so I do not expect it to go in-depth in each area. There are many typos in this book though, like a lot of page numbers in the index are not correct. Also, the book goes in an odd order, and a lot of things explained later in the book wouldv'e made it easier to understand some of the earlier things easier. a lot of newer concepts are left out too, or vaguely mentioned, like electric currents in plants. My professor often has to use graphs and charts from other books because the ones from the book are too complicated or hard to understand, such as the Z-scheme, the Q cycle, and the PCR cycle to name a few. I would not recommend this book as an introductory textbook.2 of 2 people found the following review helpful. Nice BookBy D. SetaroThis book has a lot of really great information. I am keeping it even though the class is over. The only thing that I would improve would be the figures. The sketches (not the photos)

are done in kind of bland colors (faded out blues, greens, and grays). There is not very much contrast between the colors, which can make it difficult to distinguish between different portions of the figures when trying to mentally visualize them. (Probably only important if you are a visual person that really likes charts, graphs, and schematics.)0 of 0 people found the following review helpful. Five StarsBy RebecaLove it, perfect for learn more!!

Introduction to Plant Physiology became the best-selling first edition plant physiology text of the 1990's! Now, we're building on the success of prior editions to provide an even more effective fourth edition. Plant Physiology has been praised for its excellent balance of traditional and modern topics, presented in a straightforward style, without overwhelming undergraduates with excessive detail. Its focus is on the ideas and experimental approaches in plant physiology. This is a one-semester course. It assumes that the student has had introductory biology or botany as a pre-requisite.

"Hopkins is concise and straightforward, emphasizing the 'big picture.' It is readable and the figures are clearly described and support the text. Students who use Hopkins come away with a strong foundation in basic principles for a range of areas."--Donald P, Briskin, University of Illinois "Writing style is a real strength of this book. The level of detail is just right and the language is easy to follow."--Clemson UniversityFrom the PublisherUses interactions between the plant and the environment as a foundation for developing plant physiology principles--light and plant development, temperature effects, etc. Discusses the role of plants on specific ecosystems and global ecology and provides information on the cell, chemical background, plant growth regulators and biochemistry. Emphasizes epistemology, the how-we-know-what-we-know of plant physiology. Each chapter is illustrated with relevant graphs, figures and/or photographs.From the Back CoverHopkins and Hners Introduction to Plant Physiology is known for its excellent balance of traditional and modern topics, presented in a straight-forward style without overwhelming or excessive detail. With a focus on the fundamentals of plant physiology, Introduction to Plant Physiology, Fourth Edition makes the connection between key concepts and experimental data. For the first time, this text is published in full color, improving an already solid illustration program. Now in full color. For the first time, the book has a full-color illustration program to maximize student learning and understanding. Renewed Introductory Focus. The intent of this text is to serve the introductory student in a botanical program or those schools that do not have botanical programs. Chapters have now been placed into self-contained units. This allows faculty to use the text in whichever order of topics they prefer. New Chapter One. Chapter One has been rewritten to reduce the detail of cell structure and present a more general review of plant organization.