



# Plant Hormones

By Peter J. Davies

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Plant hormones play a crucial role in controlling the way in which plants grow and develop. While metabolism provides the power and building blocks for plant life, it is the hormones that regulate the speed of growth of the individual parts and integrate them to produce the form that we recognize as a plant. This book is a description of these natural chemicals: how they are synthesized and metabolized, how they act at both the organismal and molecular levels, how we measure them, a description of some of the roles they play in regulating plant growth and development, and the prospects for the genetic engineering of hormone levels or responses in crop plants. This is an updated revision of the third edition of the highly acclaimed text. Thirty-three chapters, including two totally new chapters plus four chapter updates, written by a group of fifty-five international experts, provide the latest information on Plant Hormones, particularly with reference to such new topics as signal transduction, brassinosteroids, responses to disease, and expansins. The book is not a conference proceedings but a selected collection of carefully integrated and illustrated reviews describing our knowledge of plant hormones and the experimental work that is the foundation of this information. The Revised 3rd Edition adds important information that has emerged since the original publication of the 3rd edition. This includes information on the receptors for auxin, gibberellin, abscisic acid and jasmonates, in addition to new chapters on strigolactones, the branching hormones, and florigen, the flowering hormone.

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## **Plant Hormones By Peter J. Davies Bibliography**

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## **Editorial Review**

### **Review**

From the reviews of the third edition:

"This book is a carefully selected collection of newly written, well integrated and illustrated reviews. It deals with our current knowledge of plant hormones and their role in plant growth and development. ... It covers, in very succinct and easy to read chapters, the historical background, the chemical nature, occurrence and functions of the various classes of hormones. ... It is a must for postgraduates. Certainly all university libraries should carry a copy or two as it can be used by all disciplines ... ." (Johannes van Staden, South African Journal of Botany, Vol. 72, 2006)

### **From the Back Cover**

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### **About the Author**

PETER J. DAVIES is a retired consultant physician of internal medicine and gastroenterology who has devoted his studies to the health, personality, and creativity of Mozart and Beethoven.

## **Users Review**

### **From reader reviews:**

**Clara Lee:**

Book is to be different for each grade. Book for children until adult are different content. To be sure that book is very important normally. The book Plant Hormones was making you to know about other knowledge and of course you can take more information. It is rather advantages for you. The guide Plant Hormones is not only giving you a lot more new information but also to become your friend when you experience bored. You can spend your personal spend time to read your reserve. Try to make relationship using the book Plant Hormones. You never really feel lose out for everything should you read some books.

**Helen Palmer:**

Spent a free time to be fun activity to accomplish! A lot of people spent their free time with their family, or their friends. Usually they carrying out activity like watching television, about to beach, or picnic in the park. They actually doing same thing every week. Do you feel it? Do you wish to something different to fill your own free time/ holiday? May be reading a book can be option to fill your free time/ holiday. The first thing you ask may be what kinds of reserve that you should read. If you want to attempt look for book, may be the book untitled Plant Hormones can be fine book to read. May be it might be best activity to you.

**Randolph Dilworth:**

The reason why? Because this Plant Hormones is an unordinary book that the inside of the guide waiting for you to snap this but latter it will shock you with the secret it inside. Reading this book adjacent to it was fantastic author who write the book in such wonderful way makes the content inside easier to understand, entertaining approach but still convey the meaning completely. So , it is good for you because of not hesitating having this ever again or you going to regret it. This unique book will give you a lot of benefits than the other book have got such as help improving your skill and your critical thinking approach. So , still want to delay having that book? If I have been you I will go to the guide store hurriedly.

**Sharon Wilson:**

In this period globalization it is important to someone to find information. The information will make a professional understand the condition of the world. The healthiness of the world makes the information easier to share. You can find a lot of recommendations to get information example: internet, classifieds, book, and soon. You can observe that now, a lot of publisher that will print many kinds of book. The particular book that recommended to you personally is Plant Hormones this reserve consist a lot of the information on the condition of this world now. This kind of book was represented how can the world has grown up. The terminology styles that writer require to explain it is easy to understand. Often the writer made some exploration when he makes this book. That is why this book appropriate all of you.

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