DESCRIPTION

This brand new Annual Plant Reviews volume is the second edition of the highly successful and well-received Annual Plant Reviews, Volume 2.

This exciting new volume provides an up-to-date survey of the biochemistry and physiology of plant secondary metabolism. The volume commences with an overview of the biochemistry, physiology and function of secondary metabolism, followed by detailed reviews of the major groups of secondary metabolites: alkaloids and betalains, cyanogenic glucosides, glucosinolates and nonprotein amino acids, phenyl propanoids and related phenolics, terpenoids, cardiac glycosides and saponins. A final chapter discusses the evolution of secondary metabolism.

This carefully compiled new edition brings together chapters from some of the world's leading experts in plant secondary metabolism. Completely revised and brought right up to date with much new information, this volume is an essential purchase for advanced students, researchers and professionals in biochemistry, physiology, molecular biology, genetics, plant sciences, agriculture, medicine, pharmacology and pharmacy, working in the academic and industrial sectors, including those working in the pesticide and pharmaceutical industries. Libraries in all universities and research establishments where these subjects are studied and taught will need copies of this excellent volume on their shelves.

• A companion volume Annual Plant Reviews Volume 39, Functions and Biotechnology of Plant Secondary Metabolites, Second Edition, Edited by M. Wink, is also available.
ABOUT THE AUTHOR

Professor Michael Wink is based at the Institute for Pharmacy and Molecular Biology at the University of Heidelberg, Germany

FEATURES

* New edition of highly successful volume
* Part of Wiley-Blackwell's highly regarded Annual Plant Reviews
* Cutting edge reviews of core plant sciences topics
* Internationally well-known contributors

SERIES

Annual Plant Reviews

To purchase this product, please visit https://www.wiley.com/en-us/9781405183970