

Weedy and Invasive Plant Genomics

Recent discoveries in genomics research have impacted all areas of plant science from crop science to plant biology. *Weedy and Invasive Plant Genomics* applies the latest research in genomics specifically to weedy and invasive species, dissecting the genetic basis of such traits as competitiveness, high fecundity, delayed germination, and herbicide tolerance. Forward-looking in its approach, the text also assesses areas of future research needed to combat these agricultural pests.

Weedy and Invasive Plant Genomics is an edited volume of fourteen research-based chapters, covering such topics as model species, rhizomatousness, and the molecular ecology of plant competition. Individual species such as *Amaranthus*, weedy rice, and leafy spurge are also discussed, enhancing understanding of some of the most resilient weedy species as well as opening avenues for developing more effective methods of managing them. Equally valuable to weed science researchers and the broader genomics community, *Weedy and Invasive Plant Genomics* is a valuable resource to plant genomicists, weed scientists, conservation geneticists, plant biologists, and plant geneticists.

Key Features

- Provides a further understanding of weeds and invasive plants at the molecular level
- Dissects the genetic basis of key traits such as competitiveness, high fecundity, delayed germination, and herbicide tolerance
- Identifies future areas of research needed to manage weedy and invasive plants
- Includes contributions from leading experts in the field

The Editor

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