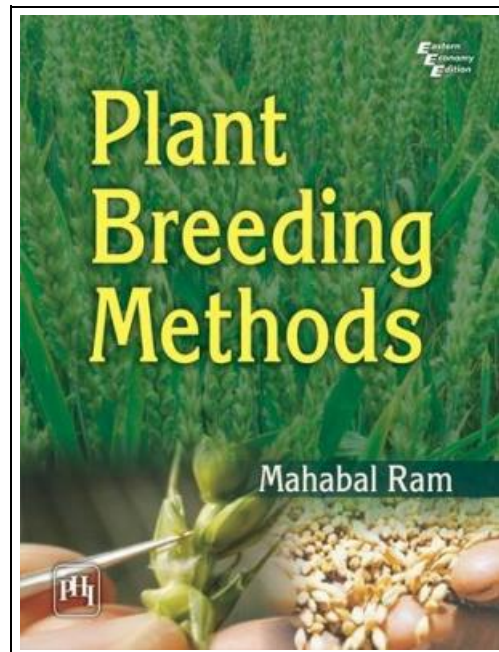


Plant Breeding Methods



Filesize: 5.65 MB

Reviews

Absolutely essential go through publication. Yes, it really is engage in, nevertheless an amazing and interesting literature. Its been developed in an exceptionally straightforward way and it is simply following i finished reading this publication through which actually changed me, change the way i really believe.

(Vergie Hyatt)

PLANT BREEDING METHODS

[DOWNLOAD PDF](#)

PHI Learning 0. Softcover. Book Condition: New. This comprehensive book provides a detailed account of the plant breeding methodology, covering particularly pre- and post-Green Revolution era. It elaborates on plant breeding and gene manipulation, utilization of self-incompatibility in developing hybrids, different plant breeding methods for development of crop varieties and hybrids in self- and cross-pollinated crops, nature of gene action and genotype?environment interaction. The text discusses gene manipulation in the crop plant and transfer of genes from wild species to cultivated crops, application of biotechnology in plant breeding, and genetic engineering and transgenic molecular markers as breeding tools and their limitations. It concludes with a discussion on physiologic breeding approach and new plant ideotype concepts which are new and emerging areas of interest in plant breeding research. The book will be of immense use to undergraduate and postgraduate students of Agricultural Sciences and Botany for their course study. Besides, research scholars and professionals will also find the book as an excellent source of reference. Contents: Foreword. Preface. Introduction. Part I: Plant Breeding and Gene Manipulation?1. Plant Breeding and Gene Manipulation. 2. Plant Breeding History. 3. Plant Domestication, Introduction and Acclimatization. 4. Pattern of Evolution of Crop Plants and Centre of Origin. 5. Plant Genetic Resources. 6. Mode of Reproduction in Crop Plants. 7. Genetic Basis of Plant Breeding. 8. Genetics Consequences of Self- and Cross-fertilization. 9. Mating Systems and their Genetic Consequences. 10. Importance of Self-incompatibility and Sterility in Plant Breeding. 11. Qualitative and Quantitative Inheritance and their Genetic Behaviour in Segregating Population. 12. Genetic Component of Variances. 13. Genotype?Environment Interaction Variances. Part II: CONVENTIONAL BREEDING METHODS?14. Early Plant Breeding Methods in Self-pollinated, Cross-pollinated and Asexually Propagated Crops. 15. Breeding Methods in Self-pollinated Crops. 16. Breeding Methods in Cross-pollinated Crops. 17. Inbreeding Depression and Heterosis. 18. Population Improvement. 19. Heterosis...

[Read Plant Breeding Methods Online](#)[Download PDF Plant Breeding Methods](#)

Relevant Kindle Books



Peter Rabbit: the Angry Owl - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peter Rabbit: the Angry Owl - Read it Yourself with Ladybird: Level 2, Peter Rabbit: The Angry Owl Squirrel Nutkin has lost Old Brown's glasses and...

[Download eBook](#)

»



Big Machines - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Big Machines - Read it Yourself with Ladybird: Level 2, Big Machines Trucks lift things and move them about all day long. Find out all about...

[Download eBook](#)

»



Peppa Pig: Camping Trip - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: Camping Trip - Read it Yourself with Ladybird: Level 2, Peppa Pig and her family are going on holiday in their camper van. Find...

[Download eBook](#)

»



Superhero Max- Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Superhero Max- Read it Yourself with Ladybird: Level 2, Superhero Max - Max is an ordinary boy, but he is also Swooperman, a superhero! When the...

[Download eBook](#)

»



The Monster Next Door - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Monster Next Door - Read it Yourself with Ladybird: Level 2, The Monster Next Door, George wants to be a monster, just like his neighbour...

[Download eBook](#)

»