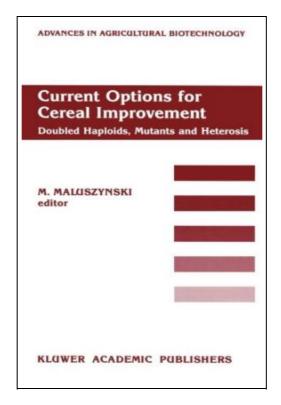
Current Options for Cereal Improvement: Doubled Haploids, Mutants and Heterosis Proceedings of the First FAO/IAEA Research Co-Ordination Meeting on Use of Induced Mutations in Connection With Haploids and Heterosis in Cereals, 8-12



Filesize: 8.14 MB

## Reviews

This published book is wonderful. It is really simplified but unexpected situations within the fifty percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Dr. Janis Reilly)

CURRENT OPTIONS FOR CEREAL IMPROVEMENT: DOUBLED HAPLOIDS, MUTANTS AND HETEROSIS PROCEEDINGS OF THE FIRST FAO/IAEA RESEARCH CO-ORDINATION MEETING ON USE OF INDUCED MUTATIONS IN CONNECTION WITH HAPLOIDS AND HETEROSIS IN CEREALS, 8-12



Springer, Netherlands, 2011. Paperback. Book Condition: New. 1989 ed.. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\*\* Print on Demand \*\*\*\*\*\*. China was the first country to use cytoplasmic male sterility to develop hybrid rice for commercial use in 1973. In 1986 more than 8 million hectares of hybrid rice were planted in China, which is one fourth of the total rice area and produces one third of the total rice in the country. Hybrids usually out yield the leading commercial varieties by -20-30 , giving an average yield advantage of 1 to 1. 5 t/ha, because of their better morphological traits, higher physiological efficiency, better resistance to major diseases and insects, and wide adaptability to various agroecological stresses. IMPROVEMENT OF HYBRID RICE A. Mutation techniques Almost all of the cultivated F1 rice hybrids in China are developed from cytoplasmic male sterile and restorer lines. According to surveys made in recent years, more than 30 sources of cytoplasmic male sterility in rice can be identified, among which only six are being commercially used (Table 1). Wild rice with aborted pollen (WA) cytosterility system is the most popular one in use to develop male sterile lines (MS line) in China. The main technique available for developing stable MS lines is sUbstitution backcrossing of the genome of one species into alien cytoplasm of another. Sufficient backcrosses are required to eliminate all nuclear genes derived from the cytoplasm donor species. A number of studies have shown that using interspecies crosses, such as the cross of wild rice (Q. perennis, Q. sativa, f.

Read Current Options for Cereal Improvement: Doubled Haploids, Mutants and Heterosis Proceedings of the First FAO/IAEA Research Co-Ordination Meeting on Use of Induced Mutations in Connection With Haploids and Heterosis in Cereals, 8-12 Online

Download PDF Current Options for Cereal Improvement: Doubled Haploids, Mutants and Heterosis Proceedings of the First FAO/IAEA Research Co-Ordination Meeting on Use of Induced Mutations in Connection With Haploids and Heterosis in Cereals, 8-12

## Other eBooks



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Getting Your FREE Bonus Download this book, read it to the end and...

Save ePub »



Minecraft Book: An Unofficial Minecraft Book (Minecraft Book, Minecraft Storybook, Minecraft Book for Children, Minecraft Books, Minecraft Diaries, Minecraft Diary, Minecraft Book for Kids)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\*\* Print on Demand \*\*\*\*\*\*.Learn how Jonathan, a small boy, became a famous author...

Save ePub »



Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

Save ePub »



Games with Books: Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn from Preschool to Third Grade

Book Condition: Brand New, Book Condition: Brand New,

Save ePub »



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book \*\*\*\*\*
Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can download...

Save ePub »



# Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 26 pages. Dimensions: 9.8in. x 6.7in. x 0.2in.Van Gogh for Kids 9. 754. 99-PaperbackABOUT SMART READS for Kids...

Read ePub »



#### How to Make a Free Website for Kids

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Table of Contents Preface Chapter # 1: Benefits of Having a Website Chapter

Read ePub »



## Twelve Effective Ways to Help Your ADD/ADHD Child: Drug-Free Alternatives for.

Book Condition: New. Ships From Canada. New. No dust jacket as issued. Glued binding. 264 p. Contains: Illustrations. Audience: General/trade. Book Info Consumer text of recommendations backed by scientific studies. Discusses diet, allergens, vitamins and Read ePub »



## Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

Read ePub »



## Short Stories Collection I: Just for Kids Ages 4 to 8 Years Old

2013. PAP. Book Condition: New. New Book. Delivered from our UK warehouse in 3 to 5 business days. THIS BOOK IS PRINTED ON DEMAND. Established seller since 2000.

Read ePub »