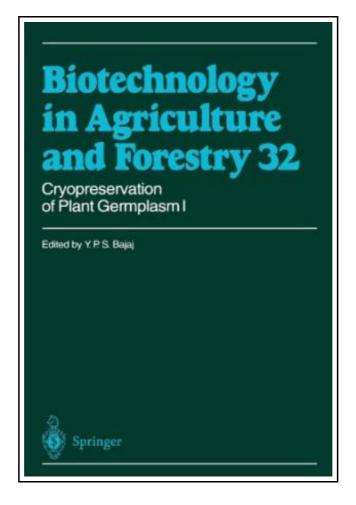
# Cryopreservation of Plant Germplasm: Vol. 1 (Paperback)



Filesize: 7.65 MB

# Reviews

It in a of my personal favorite ebook. It is probably the most awesome publication i have read through. You wont really feel monotony at anytime of the time (that's what catalogs are for regarding in the event you check with me).

(Juliet Kertzmann)

# CRYOPRESERVATION OF PLANT GERMPLASM: VOL. 1 (PAPERBACK)



Springer-Verlag Berlin and Heidelberg GmbH Co. KG, Germany, 2010. Paperback. Book Condition: New. 1st ed. Softcover of orig. ed. 1995. 235 x 159 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The germ plasm of numerous plant species, especially those of forest trees, some agricultural crops, and medicinal plants, is endangered and threatened with extinction. This depletion of germplasm pools and the shrinkage of naturally occurring genetic resources have caused international concern. Conventionally, the germplasm of plants is conserved through seeds, tubers, roots, corms, rhizomes, bulbs, cuttings, etc. However, the germ plasm of a number of trees and plantation crops (such as coconut, cocao, coffee, oil palm, rubber, mango, horse chestnut, etc.) cannot be preserved since their seed are short-lived (recalcitrant). Likewise, germplasm of vegetatively propagated crops (such as potato and cassava) cannot be stored on a long-term basis and has to be grown and multiplied periodically in nurseries and fields. The plants are thus exposed to unpredictable weather conditions and diseases, with the result that instances are known where entire genetic stocks are lost. Therefore, unconventional methods are being developed for the storage and international exchange of germplasm. For this purpose in vitro cultures have been employed, but they can only enable short-to mediumterm preservation; moreover, cell cultures upon repeated subculture undergo genetic erosion. In view of the recent developments in the in vitro induction of genetic variability through somaclonal variation, somatic hybridization, recombinant DNA technology, etc., new methods need to be employed for the storage of desirable cultures. In this regard freeze preservation of cells in liquid nitrogen (-196 0q, like that of semen, enables long-term storage, theoretically, for an indefinite period of time.



Read Cryopreservation of Plant Germplasm: Vol. 1 (Paperback) Online Download PDF Cryopreservation of Plant Germplasm: Vol. 1 (Paperback)

# You May Also Like



## Mother Stories (Paperback)

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noblelves (illustrator). 235 x 191 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. I have endeavored to write, for mothers and dear...

Download eBook »



#### Homespun Tales (Paperback)

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Kate Douglas Wiggin was an American children's author and educator. She...

Download eBook »



#### The Flag-Raising (Paperback)

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Kate Douglas Wiggin was an American children's author and educator. She...

Download eBook »



## Mother Carey s Chickens (Paperback)

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 191 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Kate Douglas Wiggin was an American children's author and educator. She...

Download eBook »



#### The Birds Christmas Carol (Paperback)

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Kate Douglas Wiggin was an American children's author and educator. She...

Download eBook »



## How to Make a Free Website for Kids (Paperback)

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 »



#### Slavonic Rhapsody in D Major, B.86.1: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. The first of the three Slovanske rapsodie was composed from February

Read ePub »



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities (Paperback)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203  $\times$  135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents

Read ePub »



## The Mystery of God s Evidence They Don t Want You to Know of (Paperback)

Createspace, United States, 2012. Paperback. Book Condition: New. 276 x 214 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Save children s lives learn the discovery of God Can we discover God?

Read ePub »



## Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. The first of the three Slovanske rapsodie was composed from February 13

Read ePub »