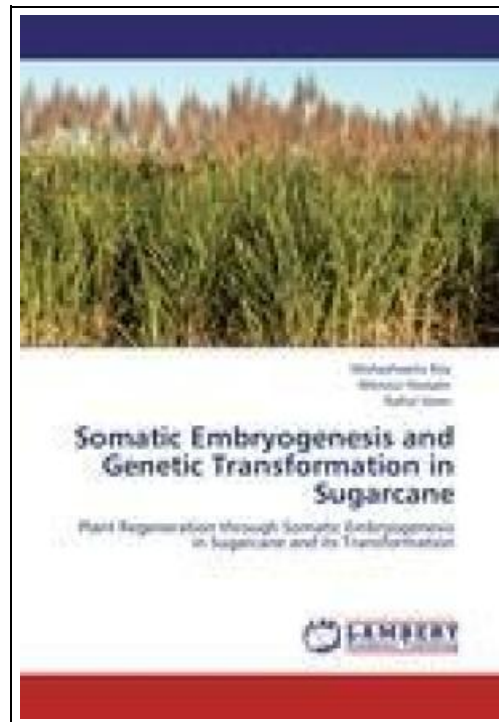


Somatic Embryogenesis and Genetic Transformation in Sugarcane



Filesize: 5.82 MB

Reviews

These types of publication is the greatest publication available. It really is filled with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Prof. Lenna Beatty III)

SOMATIC EMBRYOGENESIS AND GENETIC TRANSFORMATION IN SUGARCANE

[DOWNLOAD](#)

LAP Lambert Academic Publishing Jun 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x10 mm. This item is printed on demand - Print on Demand Neuware - An efficient protocol for somatic embryogenesis and subsequent plant regeneration was developed for sugarcane variety Isd-16 using leaf sheath explants of 3, 6 and 12-months-old field grown plants. Explants from 6-month-old plant showed the best response and produced highest percentage of calli on MS + 3.0 mg/l 2,4-D. L-proline 25mg/l significantly enhanced somatic embryogenesis. The embryos germinated well on half-strength MS and developed into plantlets. Somatic embryo derived plants under field condition showed considerable variation in morphological, agronomical and biochemical characters. For genetic transformation the calli were co-cultivated with *A. tumefaciens* strain LBA4404 harboring a binary plasmid pCAMBIA1303 containing hpt (hygromycin phosphotransferase) gene as a selectable marker and a -glucuronidase (gus) reporter gene in the T-DNA region. The transient expression of gus in hygromycin resistant calli and regenerated plants was confirmed by GUS fluometric assay. PCR analysis of genomic DNA from regenerated plants revealed that the hpt gene was integrated in the transgenic plants. 164 pp. Englisch.

[Read Somatic Embryogenesis and Genetic Transformation in Sugarcane Online](#)[Download PDF Somatic Embryogenesis and Genetic Transformation in Sugarcane](#)

See Also



My Best Bedtime Bible: With a Bedtime Prayer to Share

Lion Hudson Plc. Paperback. Book Condition: new. BRAND NEW, My Best Bedtime Bible: With a Bedtime Prayer to Share, Sophie Piper, Claudine Gevry, This heartwarming collection of ten Bible stories is ideal for reassuring and...

[Save ePub »](#)



Plants vs Zombies Game Book - Play stickers 1 (a puzzle game that swept the world. the most played together)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown in Publisher: China Children Press List Price: 13.00 yuan Author:...

[Save ePub »](#)



Lans Plant Readers Clubhouse Level 1

Barron's Educational Series. Paperback. Book Condition: New. Paperback. 24 pages. Dimensions: 8.9in. x 5.7in. x 0.3in.This is volume six, Reading Level 1, in a comprehensive program (Levels 1 and 2)for beginning readers. Two nine-book sets...

[Save ePub »](#)



DK Readers Plants Bite Back Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 9.0in. x 5.8in. x 0.2in.With Eyewitness Readers, children will learn to read --then read to learn! There are plants that prickle, sting, or even munch...

[Save ePub »](#)



Plants vs. Zombies game book - to play the stickers 2 (puzzle game swept the world. most played together)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown Pages: 28 in Publisher: China Children Press List Price: 13.00...

[Save ePub »](#)