



Plant Biotechnology: Methods in Tissue Culture and Gene Transfer

R. Keshavachandran, K.V. Peter

Download now

[Click here](#) if your download doesn't start automatically

Plant Biotechnology: Methods in Tissue Culture and Gene Transfer

R. Keshavachandran, K.V. Peter

Plant Biotechnology: Methods in Tissue Culture and Gene Transfer R. Keshavachandran, K.V. Peter

There is growing demand for more food crops. Agricultural yield is however challenged by two concerns: availability of arable land and reduced water resources for irrigation. Biotechnology offers several tools that can be used appropriately for sustainable agriculture. Recent advances in molecular biology and recombinant DNA technology can make increased production and pest resistant crops with increased nutritive value a reality. The book has 21 chapters contributed by eminent scientists from all over the country. It discusses the various techniques and aspects of biotechnology that can bring about crop improvement. The book serves as a textbook for postgraduate students and researchers working in the fields of plant biotechnology and horticulture and a reference book for undergraduates.

Contents:

Biotechnology in Indian Agriculture: R Keshavachandran and KV Peter / The Cell Biology of Plant Cell Culture and Development: K Nirmal Babu, SP Geetha, A Anu, D Minoo and V Sumathi / Hormonal Regulation of In Vitro Morphogenesis: PA Nazeem and PS Smitha / Maintenance of Asepsis in Tissue Culture: D Girija / Micropropagation Principles and Practices: R Keshavachandran and Sandhya Sudhan / Media Requirements of In Vitro Culture: R Keshavachandran and Sandhya Sudhan / Haploid Production: JB Mythili and Pious Thomas / Triploid Production: Pious Thomas and JB Mythili / In Vitro Pollination and Fertilization: NS Rangaswamy and KR Shivanna / Embryo Culture: K Rajmohan / Protoplast Isolation and Culture: Pratap Kumar Pati, Madhu Sharma and Paramvir Singh Ahuja / Somatic Hybridization: Pratap Kumar Pati, Madhu Sharma and Paramvir Singh Ahuja / In Vitro Selection with Plant Cell, Tissue and Organ Cultures: P Vidhyasekaran / Synthetic Seeds: P Suprasanna, TR Ganapathi, VA Bapat and PS Rao / Methods of Genetic Transformation in Plants: KC Bansal, R Keshavachandran and Sandhya Sudhan / Germplasm Storage: Rekha Chaudhury and SK Malik / GM Technology and Biosafety Regulations: Renu Swarup / Patents in Biotechnology: Malathi Lakshmikumaran, Shilpi Bhattacharya and Nilanjana Sensarkar / Molecular Markers and their Applications in Plant Species: Malathi Lakshmikumaran, V Sabharwal, N Chauhan and MS Negi / Useful Genes for Plant Genetic Engineering: P Rajendran / Biotechnology in the Conservation of Medicinal and Aromatic Plants: S Natesh

 [Download Plant Biotechnology: Methods in Tissue Culture and ...pdf](#)

 [Read Online Plant Biotechnology: Methods in Tissue Culture a ...pdf](#)

Download and Read Free Online Plant Biotechnology: Methods in Tissue Culture and Gene Transfer
R. Keshavachandran, K.V. Peter

From reader reviews:

Sophia Hartman:

Reading a book can be one of a lot of pastime that everyone in the world likes. Do you like reading book consequently. There are a lot of reasons why people enjoyed. First reading a reserve will give you a lot of new information. When you read a e-book you will get new information simply because book is one of numerous ways to share the information or even their idea. Second, studying a book will make an individual more imaginative. When you examining a book especially tale fantasy book the author will bring you to definitely imagine the story how the people do it anything. Third, you could share your knowledge to other individuals. When you read this Plant Biotechnology: Methods in Tissue Culture and Gene Transfer, it is possible to tells your family, friends and soon about yours e-book. Your knowledge can inspire others, make them reading a book.

Francis Gibbs:

Is it an individual who having spare time and then spend it whole day by watching television programs or just laying on the bed? Do you need something totally new? This Plant Biotechnology: Methods in Tissue Culture and Gene Transfer can be the respond to, oh how comes? It's a book you know. You are thus out of date, spending your spare time by reading in this new era is common not a geek activity. So what these guides have than the others?

Yolanda Sartain:

You can obtain this Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by go to the bookstore or Mall. Just viewing or reviewing it could to be your solve challenge if you get difficulties for ones knowledge. Kinds of this reserve are various. Not only by written or printed but additionally can you enjoy this book simply by e-book. In the modern era just like now, you just looking because of your mobile phone and searching what their problem. Right now, choose your own personal ways to get more information about your book. It is most important to arrange yourself to make your knowledge are still update. Let's try to choose appropriate ways for you.

Thomas Rice:

What is your hobby? Have you heard this question when you got pupils? We believe that that question was given by teacher with their students. Many kinds of hobby, All people has different hobby. And you know that little person similar to reading or as reading through become their hobby. You must know that reading is very important along with book as to be the issue. Book is important thing to provide you knowledge, except your own personal teacher or lecturer. You will find good news or update regarding something by book. Different categories of books that can you choose to use be your object. One of them are these claims Plant Biotechnology: Methods in Tissue Culture and Gene Transfer.

Download and Read Online Plant Biotechnology: Methods in Tissue Culture and Gene Transfer R. Keshavachandran, K.V. Peter #0VSJ7DEA9M5

Read Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter for online ebook

Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter books to read online.

Online Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter ebook PDF download

Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter Doc

Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter MobiPocket

Plant Biotechnology: Methods in Tissue Culture and Gene Transfer by R. Keshavachandran, K.V. Peter EPub