

Free reading Piante bulbose (2023)

Handbook of Herbs and Spices Biology and Biotechnology of the Plant Hormone Ethylene II Mycoheterotrophy Saffron Gentianaceae Architecture and the Language Debate Impacts of Invasive Species on Coastal Environments Plant Relationships The Top 50 Mediterranean Island Plants Predators and Parasitoids WHO Monographs on Selected Medicinal Plants Protocols for Micropropagation of Selected Economically-Important Horticultural Plants Biological Control of Insect and Mite Pests in Iran Urban Services to Ecosystems Citrus Mites Handbook of Pest Management in Organic Farming The Renewal of Pagan Antiquity The Flowering of Florence Encyclopedia of Modern Coral Reefs Bernini Vascular Plants as Epiphytes The Genus *Cladosporium* Nematode Vectors of Plant Viruses Frost Survival of Plants Agromyzidae (Diptera) of Economic Importance A Dictionary of English Homonyms Edible and Poisonous Mushrooms of the World Morphogenesis in Plants Saffron The World of Carolus Clusius The Plant-Parasitic Nematode Genus *Meloidogyne* Göldi, 1892 (Tylenchida) in Europe *Yucca* I (Agavaceae) Artistry in Bronze The Evolutionary Ecology of Ant-Plant Mutualisms Enhancing Biological Control Handbook of Herbs and Spices An Integrated System of Classification of Flowering Plants *Anadenanthera* Plant Physiology Mycorrhizal Technology in Agriculture

Handbook of Herbs and Spices 2012-08-13

herbs and spices are among the most versatile ingredients in food processing and alongside their sustained popularity as flavourants and colourants they are increasingly being used for their natural preservative and potential health promoting properties an authoritative new edition in two volumes handbook of herbs and spices provides a comprehensive guide to the properties production and application of a wide variety of commercially significant herbs and spices volume 1 begins with an introduction to herbs and spices discussing their definition trade and applications both the quality specifications for herbs and spices and the quality indices for spice essential oils are reviewed in detail before the book goes on to look in depth at individual herbs and spices ranging from basil to vanilla each chapter provides detailed coverage of a single herb or spice and begins by considering origins chemical composition and classification the cultivation production and processing of the specific herb or spice is then discussed in detail followed by analysis of the main uses functional properties and toxicity with its distinguished editor and international team of expert contributors the two volumes of the new edition of handbook of herbs and spices are an essential reference for manufacturers using herbs and spices in their products they also provide valuable information for nutritionists and academic researchers provides a comprehensive guide to the properties production and application of a wide variety of commercially significant herbs and spices begins with a discussion of the definition trade and applications of herbs and spices reviews the quality specifications for herbs and spices and examines the quality indices for spice essential oils

Biology and Biotechnology of the Plant Hormone Ethylene II 2012-12-06

the inflorescence of the monoecious maize plant is unique among the gramineae in the sharp separation of the male and female structures the male tassel at the terminus of the plant most often sheds pollen before the visual appearance of the receptive silks of the female ear at a lateral bud normally at the 10 leaf i earlier studies examined the ontogeny of the growing tissues beginning with the embryo in the kernel through to the obvious protuberances of the growing point as the kernel germinates the differentiated developing soon to become tassel and the lateral bulges that develop into the ears on the lateral buds become apparent very early in the germinating kernel 2 3 46 a certain number of cells are destined for tassel and ear development 8 as the plant develops there is a phase transition 3 16 from the vegetative lateral buds to the reproductive lateral buds this change in phase has been ascribed to genotypic control as evidenced in the differences

among different genotypes in the initiation of the reproductive i the genetic control of tassel and ear initiation has been gleaned from anatomical observations lejeune and bernier i2 found that maize plants terminate the initiation of additional axillary meristems at the time of tassel initiation this would indicate that the top most ear shoot is initiated on the same day as the initiation of tassel development and this event signals the end of the undifferentiated growing point

Mycoheterotrophy 2012-12-09

over the course of evolution several plant lineages have found ways to obtain water minerals and carbohydrates from fungi some plants are able exploit fungi to such an extent that they lose the need for photosynthesis the ability of a plant to live on fungal carbon is known as mycoheterotrophy this intriguing process has fascinated botanists for centuries yet many aspects of mycoheterotrophy have remained elusive for a long time mycoheterotrophy the biology of plants living on fungi explores the biology of mycoheterotrophs offering general insights into their ecology diversity and evolution written by renowned experts in the field and bolstered with lavish illustrations and photographs this volume provides a thematic overview of different aspects of mycoheterotrophy comprehensive and readily accessible mycoheterotrophy the biology of plants living on fungi is a valuable resource for researchers and students who are interested in the process of mycoheterotrophy

Saffron 1999-06-23

providing a comprehensive and contemporary overview of the status of this particular genus this book will be of interest to all those concerned with the study and uses of spices medicinal and aromatic plants

Gentianaceae 2002-05-09

a comprehensive review containing the first classification of the entire family to be published for over 100 years

Architecture and the Language Debate 2020-01-28

this book examines the creative exchanges between architects artists and intellectuals from the early renaissance to the beginning of the enlightenment in

the forging of relationships between architecture and emerging concepts of language in early modern Italy the study extends across the spectrum of linguistic disputes during this time among members of the clergy humanists philosophers and polymaths on issues of grammar rhetoric philology etymology and epigraphy and how these disputes paralleled and informed important developments in architectural thinking and practice drawing upon a wealth of primary source material such as humanist tracts philosophical works architectural antiquarian treatises epigraphic philological studies religious sermons and grammaticae the book traces key periods when the emerging field of linguistics in early modern Italy impacted on the theory design and symbolism of buildings

Impacts of Invasive Species on Coastal Environments 2018-07-24

this book focuses on the global threats to coastal environments from invasive non native species and examines how these alien biological species adversely alter landscapes and socioeconomic conditions as well as the psychological attitudes and perceptions of local inhabitants and tourists designed for the professional or specialist in marine science coastal zone management biology and related disciplines this volume appeals to those not only working directly with invasive flora and fauna species but also those individuals involved in a wide array of coastal related fields examples and case studies of coastal invasive species are drawn from many different geographic areas worldwide including north and south America Europe Oceania the Caribbean Southeast Asia and Africa

Plant Relationships 2009-02-07

since the publication of the first edition of the mycota vol v plant relationships in 1997 tremendous advances in fungal molecular biology and biochemistry have taken place and both light and electron microscopical techniques have improved considerably these new insights led to a better understanding of the relationships between fungi and plants and a completely revised new edition of plant relationships could be produced providing an up to date overview on mutualistic and pathogenic interactions in 18 chapters internationally acknowledged authors present reviews on fungal lifestyles mechanisms of their interactions with their host plants signal perception and transduction and plant defense responses directed against attack by fungal pathogens highlighting the recent developments in fungus plant interactions this volume is indispensable for researchers lecturers and students in microbiology mycology and plant sciences including plant pathology

The Top 50 Mediterranean Island Plants 2005

the flora of the mediterranean islands includes many rare and localized species unique to the islands some of these are particularly threatened with extinction due to various pressures caused by people and their activities in mediterranean ecosystems it includes 50 descriptive sheets of species which are especially threatened based on the iucn red list criteria each sheet gives a description of the species with illustrations and maps emphasizing the threats to the species existing conservation measures and additional measures needed for their conservation aimed at the layman the text is easily accessible to the non botanist

Predators and Parasitoids 2003-03-13

their natural enemies largely determine the population size and dynamic behavior of many plant eating insects any reduction in enemy number can result in an insect outbreak applied biological control is thus one strategy for restoring functional biodiversity in many agroecosystems predators and parasitoids addresses the role of natural enemies i

WHO Monographs on Selected Medicinal Plants 1999

this is the second volume in a series of monographs which are intended to promote information exchange and international harmonised standards for the quality control and use of herbal medicines it contains scientific information on 30 selected plants and each entry includes a pharmacopoeial summary for quality assurance purposes information on its clinical application and sections on contraindications pharmacology safety issues and dosage forms it provides two cumulative indexes with entries in alphabetical order by plant name and according to the plant material of interest

Protocols for Micropropagation of Selected Economically-Important Horticultural Plants 2012-09-24

micropropagation is a reliable technology applied commercially worldwide for large scale plant multiplication germplasm conservation pathogen elimination genetic manipulations and supply of selected plants in protocols for micropropagation of selected economically important horticultural plants well

recognised researchers in the field compile step wise protocols for rapid plant multiplication of economically important horticultural species the book contains 35 chapters divided into four major sections the first three sections section a b and c contain 29 micropropagation protocols of selected fruit and nut species indoor and outdoor ornamental plants cut flowers and vegetables in addition to the detailed protocols of in vitro shoot initiation proliferation root induction and acclimatization chapters also include detailed information on medium preparation explant selection and preparation the six chapters of section d cover specific reviews on pivotal topics such as in vitro rejuvenation synthetic seed technology thermotherapy and meristem culture in banana genetic transformation of pineapple flower color somaclonal variation in torenia and cryotherapy of horticultural crops moreover as a part of the highly successful methods in molecular biology series chapters include introductions to the respective topic lists of necessary materials notes and illustrative photos comprehensive and well written protocols for micropropagation of selected economically important horticultural plants offers a useful resource for horticulturists researchers commercial companies plant propagators biotechnologists and students interested in micropropagation

Biological Control of Insect and Mite Pests in Iran 2021-04-28

the book provides a reference to biological control of arthropod pests in agriculture and of public health importance in iran a quick glance over the literature shows a long history of biocontrol attempts in the country some historically important events highlighting the interest of iranian academic research and extension fields to the natural enemies and their applied aspects are provided iran with an exception of the former ussr was a pioneer in both basic and applied biocontrol in west asia the book consists of four parts three parts for predators parasitoids and pathogens and last part for other approaches and analyses of the current state of biological control in iran the book provides the most up to date information on pest control and related topics of entomology in iran the chapters are written by scholars from major universities and research centers in iran

Urban Services to Ecosystems 2021-09-15

the aim of this book is to bring together multidisciplinary research in the field of green infrastructure design construction and ecology the main core of the volume is constituted by contributions dealing with green infrastructure vegetation science nature based solutions and sustainable urban development the green

infrastructure and its ecosystem services indeed are gaining space in both political agendas and academic research however the attention is focused on the services that nature is giving for free to and for human health and survival what if we start to see things from another perspective our actions shall converge for instance to turn man made environment like cities from heterotrophic to autotrophic ecosystems from landscape ecology to urban and building design like bricks of a wall from the small scale to the bigger landscape scale via ecological networks and corridors we should start answering these questions what are the services that are we offering to nature what are we improving how to implement our actions this book contains three open access chapters which are licensed under the terms of the creative commons attribution 4 0 international license cc by 4 0

Citrus Mites 2010-01-01

citrus pests are a serious issue for crop growers causing problems in yield and economic losses this title studies mites harmful to citrus plants from various citrus growing regions around the world it addresses methods of removal from plants describes symptoms of damage caused by pests and discusses methods of eradication and control

Handbook of Pest Management in Organic Farming 2017-12-11

this book is an up to date and comprehensive reference covering pest management in organic farming in major crops of the world general introductory chapters explore the management of crops to prevent pest outbreaks plant protection tools in organic farming and natural enemies and pest control the remaining chapters are crop based and discuss geographic distribution economic importance and key pests for each pest the fundamental aspects of its bio ecology and the various methods of control are presented understanding of the scientific content is facilitated with practical advice tables and diagrams helping users to apply the theories and recommendations this is an essential resource for researchers and extension workers in crop protection integrated pest management and biocontrol and organic farming systems

The Renewal of Pagan Antiquity 1999

a collection of essays by the art historian Aby Warburg these essays look beyond iconography to more psychological aspects of artistic creation the conditions under which art was practised its social and cultural contexts and its conceivable

historical meaning

The Flowering of Florence 2002

published to coincide with an exhibition at the national gallery of art washington dc of sixty eight works of art primarily from florentine collections the flowering of florence explores the close ties between art and the natural sciences in tuscany as seen in the botanical renderings created in florence for the medici grand dukes from the late 1500s through the early 1700s the catalog comprises an essay and checklist with reproductions of the exquisite works in the show examples include jacopo ligozzi's plant drawings in tempera on paper from the uffizi gallery giovanna garzoni's fruit and flower paintings on vellum and bartolomeo bimbi's later and much larger still life paintings

Encyclopedia of Modern Coral Reefs 2010-11-26

coral reefs are the largest landforms built by plants and animals their study therefore incorporates a wide range of disciplines this encyclopedia approaches coral reefs from an earth science perspective concentrating especially on modern reefs currently coral reefs are under high stress most prominently from climate change with changes to water temperature sea level and ocean acidification particularly damaging modern reefs have evolved through the massive environmental changes of the quaternary with long periods of exposure during glacially lowered sea level periods and short periods of interglacial growth the entries in this encyclopedia condense the large amount of work carried out since charles darwin first attempted to understand reef evolution leading authorities from many countries have contributed to the entries covering areas of geology geography and ecology providing comprehensive access to the most up to date research on the structure form and processes operating on quaternary coral reefs

Bernini 2012

while baroque artist gian lorenzo bernini 1598 1680 is celebrated as a sculptor architect and painter it is less known that he also was a playwright scenographer actor and director the baroque period saw the rise of opera and ballet as well as increasingly elaborate scenographic technologies for court and religious theatre bernini drew from this lexicon of theatrical effects deploying light movement and the porous boundary between fictive and physical space to forge a language of baroque illusion for both his scenographies and his sculptural ensembles bernini art as theatre investigates the different types of cultural space for the staging of his art from court settings to public squares and church interiors drawing parallels

between the visual and theatrical arts and highlighting the dramatic amplification of religious art in the period this provocative study provides a model that can be extended beyond bernini to enable us to reconsider 17th century visual culture as a whole

Vascular Plants as Epiphytes 2012-12-06

in his lectures my teacher karl mägdefrau used to say that one only becomes a real plant scientist when one enters a tropical rainforest for me this initiation occurred in 1969 in northern queensland australia and was associated with the greatest excitement on another level it received confirmation when i set out in 1983 together with some friends and colleagues for the first detailed ecophysiological studies of epiphytes in the wet tropics in situ in the island of trinidad and later for similar work in venezuela this then promoted the idea of organizing a special symposium on the evolution and ecophysiology of vascular plants as epiphytes during the xiv international botanical congress in july 1987 in berlin and to ask some of the speakers to produce chapters for a small monograph on the interesting ecologically defined group of plants epiphytes as presented in this volume of ecological studies the enthusiasm of the participants of the symposium giving reports and adding to the discussion was most stimulating and it appears that epiphytes might gain well deserved wider consideration in the future the cooperation with the authors of this book was very pleasant and i appreciated the new contacts established with adepts of the epiphyte community the chapters were organized and arranged covering first more general aspects with setting the scene in chapter 1 the evolution of epiphytism in chapter 2 and the role of concentrating mechanisms in chapter 3

The Genus Cladosporium 2012

viruses transmitted by nematodes are responsible for many economically important diseases of crops thus when in the late 1950s this mode of disease propagation was demonstrated by proof of the transmission of grapevine fanleaf disease by xiphenema index it marked the start of a significant and fruitful period of research after the initial enthusiasm associated with the discovery of new vectors and new viruses there followed a spell of consolidation in which researchers sought the answers to intriguing questions about the nature of the association between virus and vector as well as more mundane but equally compelling questions about life cycles geographical distribution and the taxonomy of groups of vector species with the introduction of molecular biology new approaches became available with which to investigate nematode virus plant interactions and these techniques are being exploited to provide new insights

numerous reviews have been published on different aspects of nematode transmission of plant viruses and the nematode transmitted viruses themselves however until now there has been a lack of any source which draws all of this research together this book fills this need by providing a valuable overview of the last 40 years of research into the transmission of viruses by nematodes as well as setting the agenda for future investigations this book is an important resource for all nematologists and plant virologists as well as others concerned with crop protection

Nematode Vectors of Plant Viruses 1997

low temperature represents together with drought and salt stress one of the most important environmental constraints limiting the productivity and the distribution of plants on the earth winter survival in particular is a highly complex phenomenon with regards to both stress factors and stress responses the danger from winter cold is the result not only of its primary effect i.e. the formation of ice in plant tissues additional threats are presented by the freezing of water in and on the ground and by the load and duration of the snow cover in recent years a number of books and reviews on the subject of chilling and frost resistance in plants have appeared all of these publications however concentrate principally on the mechanisms of injury and resistance to freezing at the cellular or molecular level we are convinced that analysis of the ultrastructural and biochemical alterations in the cell and particularly in the plasma membrane during freezing is the key to understanding the limits of frost resistance and the mechanisms of cold acclimation this is undoubtedly the immediate task facing those of us engaged in resistance research it is nevertheless our opinion that in addition to understanding the basic physiological events we should be careful not to overlook the importance of the comparative aspects of the freezing processes the components of stress avoidance and tolerance and the specific levels of resistance

Frost Survival of Plants 2012-12-06

the original stimulus which started kenneth spencer on a study of the agro myzid flies was an invitation which he accepted to translate from the german the monograph on leaf miners by professor e. m. hering from this developed nearly 20 years of collaboration until professor hering's death in 1967 dr spencer has himself described over 600 new species in the family many of which he collected and reared from known host plants during his extensive travels to all the five main continents largely as a result of his work the number of species known in britain has increased from 90 in 1945 to 313 today he is thus uniquely qualified

to write this book about the hundred and fifty or so species which are regularly associated with cultivated plants much of the taxonomic detail provided here will be of value primarily to specialists but with the help of a microscope and the botanical host list chapter 2 and the numerous illustrations mostly prepared by ann spencer those in agri cultural institutes and elsewhere should now be able to identify the majority of species found attacking crops in any part of the world

Agromyzidae (Diptera) of Economic Importance 2013-03-09

this book has been considered by academicians and scholars of great significance and value to literature this forms a part of the knowledge base for future generations we have represented this book in the same form as it was first published hence any marks seen are left intentionally to preserve its true nature

A Dictionary of English Homonyms 2019-09

mushrooms are among the most intriguing and striking inhabitants of the natural world as highly regarded for their distinctive flavors and uses in cooking and medicine as for their sometimes strange often beautiful shapes and forms some are medicinal others poisonous or even lethal edible and poisonous mushrooms of the world is a well rounded look at mushrooms including their cultivation ethnobotanical uses and the fascinating roles they play in nature the authors provide expert advice on how to identify and distinguish between edible and poisonous wild mushrooms and how to record important details with suggestions for taking photographs and preparing spore prints this book is only available through print on demand all interior art is black and white

Edible and Poisonous Mushrooms of the World 2010-09-17

proceedings of a nato asi held in crete greece september 5 17 1992

Morphogenesis in Plants 2013-06-29

saffron science technology and health summarizes the scientific technical and health aspects of this crop saffron possesses unique agronomical ecological social and physiological characteristics and there are various chemical components present in saffron including carbohydrates minerals vitamins color pigment aromatic and flavoring agents saffron has a long history of use in traditional

medicine and in recent years the application of saffron in the medical industry as a cancer curing and antidepressant agent has brought more attention there is also a growing trend of saffron use in the conventional food industry including saffron desserts cream butter beverages powders cake mixes and soups intended for nutrition scientists and scientists and technologists working in the areas of food agriculture new product development and pharmacology summarizes the scientific technical and health aspects of saffron explores the use of saffron in the conventional food industry in the development of new products uncovers the unique agronomical ecological social and physiological characteristics of saffron

Saffron 2020-01-16

egmond s study investigates horticultural techniques fashions in the collection of rare plants botanical experimentation and methods of scientific evaluation as well as tracking the exchange of knowledge central to this activity is the figure of carolus clusius 1526 1609 the first truly scientific botanist

The World of Carolus Clusius 2015-10-06

the genus *Meloidogyne* göldi 1892 or root knot nematodes represent a relatively small but economically important group of obligate plant pathogens they are distributed worldwide and parasitize on almost every higher plant species while reproducing and feeding within roots they induce galls or root knots and disorder the physiology of the infected plant reducing crop yield and product quality more than eighty nominal species have been described worldwide while twenty species have been detected in europe so far this book includes a historical review on the genus followed by a revision of the european species and completed with a study on one of the most characteristic morphological structures within the genus the perineal pattern

The Plant-Parasitic Nematode Genus *Meloidogyne* Göldi, 1892 (Tylenchida) in Europe 2021-08-04

the papers in this volume derive from the proceedings of the nineteenth international bronze congress held at the Getty Center and Villa in October 2015 in connection with the exhibition Power and Pathos Bronze Sculpture of the Hellenistic World the study of large scale ancient bronzes has long focused on aspects of technology and production analytical work of materials processes and techniques has significantly enriched our understanding of the medium most

recently the restoration history of bronzes has established itself as a distinct area of investigation how does this scholarship bear on the understanding of bronzes within the wider history of ancient art how do these technical data relate to our ideas of styles and development how has the material itself affected ancient and modern perceptions of form value and status of works of art getty edu publications artistryinbronze

Yucca I (Agavaceae) 2000

this important work explores the natural history experimental approach and integration of evolutionary and ecological literature of ant plant mutualisms

Artistry in Bronze 2017-11-21

over the past ten years an increasing number of field entomologists and farmers have recognized that conservation of natural enemies is important to effective biological control in many agricultural systems this collection addresses an important gap in the biological control literature by providing the first comprehensive summary of recent findings on habitat manipulation to control pests enhancing biological control includes contributions from experts around the world the united states finland germany great britain people s republic of china and switzerland chapters cover habitat modification in such areas as fields orchards or vineyards and along or near the perimeters of fields including hedges or other uncultivated areas generalist and specialist natural enemies are described in full as are theoretical and practical issues experimental designs for studying enhancement come into play and the editors include a modeling study that explores how the dispersal of natural enemies interacts with the positioning of refuges this volume is an invaluable source of information to researchers progressive farmers and agricultural consultants

The Evolutionary Ecology of Ant-Plant Mutualisms 1985-11-29

together with its companion volume handbook of herbs and spices volume 2 provides a comprehensive and authoritative coverage of key herbs and spices chapters on individual plants cover such issues as description and classification production chemical structure and properties potential health benefits uses in food processing and quality issues authoritative coverage of more than 50 major herbs and spices provides detailed information on chemical structure cultivation and definition incorporates safety issues production main uses health issues and regulations

Enhancing Biological Control 1998

natural history

Handbook of Herbs and Spices 2004-03-23

a multidisciplinary study of pre columbian south america centering on the psychoactive plant genus anadenanthera as cultures formed and evolved in pre columbian south america anadenanthera became one of the most widely used shamanic inebriants anadenanthera visionary plant of ancient south america is more than a comprehensive reference on shamanic visionary substances it is a useful tool for archeologists and pre columbian art historians this thorough book examines the ritual and cultural use of anadenanthera from prehistory to the present along with its botany chemistry pharmacology anthropology and archeology the earliest evidence for the use of psychoactive plants in south america is provided by remains of seeds and pods recovered from archeological sites four millennia old various preparations were derived from it with the intent of being a shamanic inebriant inhaled through the nose smoked in pipes or as cigars and prepared in fermented drinks anadenanthera served a central role in the cultural development of indigenous societies in south america anadenanthera visionary plant of ancient south america explores the full spectrum of information gleaned from research covering numerous archeological sites in the andean region as well as discussing amazonian shamanic rituals and lore analyses of the artistic expressions within the decorations of associated ceremonial paraphernalia such as ritual snuffing tubes and snuff trays are included the text is richly illustrated with photographs and images of decorated ritual implements and provides a comprehensive bibliography anadenanthera visionary plant of ancient south america explores botanical aspects taxonomy and geographical distribution of anadenanthera ethnographical historical and traditional aspects of anadenanthera use chemical and pharmacological investigations of the genus and the various visionary preparations derived from it with emphasis on the biologically active constituents theories of the mechanisms of action of the active tryptamines and carboline alkaloids comparisons of wood anatomy morphology and percentage of alkaloid content evaluation of stylistic and iconographic traits anadenanthera visionary plant of ancient south america is a thorough useful resource for archeologists anthropologists chemists researchers pre columbian art historians and any layperson interested in pre columbian art archeology or visionary plants

An Integrated System of Classification of Flowering Plants 1981

this third edition provides the basics for introductory courses on plant physiology without sacrificing the more challenging material sought by upper division and graduate level students the text contains many new or revised figures and photographs all in full colour a website referenced throughout the text includes additional study questions webtopics elaborating on selected topics discussed in the text webessays discussions of cutting edge research topics written by those who did the work and additional suggestions for further reading key pedagogical changes to the text result in a shorter book advanced material from the second edition has been removed and posted at an affiliated site while many new or revised figures and photographs study questions and a glossary of key terms have been added despite the streamlining of the text the third edition incorporates all the important developments in plant physiology especially in cell molecular and developmental biology

Anadenanthera 2014-06-11

arbuscular mycorrhiza am is the most common mycorrhizal type involved in agricultural systems and the most widespread plant root symbiosis the fungi involved glomales are known to promote plant growth and health by acting as biofertilizers bioprotectors and bioregulators the main aim of this book is to provide readers with theoretical and applied knowledge essential for the use of am fungi in improving plant health and fitness production of high quality food and in conservation of natural resources the different chapters target understanding the role of am fungi in sustainable crop production discussing ways to improve biological equilibria between microorganisms in the mycorrhizosphere analysing genetic physiological cellular and molecular bases of am functioning and establishing technologies for inoculum production according to the regulatory guidelines for application

Plant Physiology 2002-01-01

Mycorrhizal Technology in Agriculture 2012-12-06

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