

christianity cults and religions wall chart 20x26 inches compares the beliefs of 18 world religions and

Ebook free Cinnamon and cassia

the genus cinnamomum medicinal and aromatic plants industrial profiles (Download Only)

for over 2000 years preparations of chamomile flowers have counted among the medicinal treasures of many cultural groups this book provides an interdisciplinary inventory of the scientific level of knowledge about german chamomile as well as roman chamomile the two types of chamomile most produced it includes information for pharmacists and the a present and up to date overview of this particular genus the contents of this volume include a history of its use biotechnology extraction of ginkgo leaves and extensive coverage of the ginkgolides their discovery biosynthesis chemical analysis clinical use and pharmacological activity other important constituents are also given attention 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 poppy the third volume in the series medicinal and aromatic plants industrial profiles presents up to date information on poppy and related species the introduction emphasizes the importance of poppy giving a historical evaluation in the chapters describing the botany and taxonomy of the genus some novel aspects are discussed e g special m vanilla is a legacy of mexico and like chocolate it is a major global delicacy representing almost a half billion euros in profits each year written under the editorial guidance of renowned field authorities drs eric odoux and michel grisoni vanilla presents up to date reviews on the cultivation curing and uses of vanilla it provides unique lavender species are mainly grown for their essential oils which are used in perfumery cosmetics food processing and aromatherapy products and for their use as ornamental plants and ingredients in numerous cottage industry products certain types of lavender oil have also been shown to have antimicrobial and antifungal properties the

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2023-07-17 1/24

at a glance know what each group beli

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eucalyptus a genus of over 800 species is a multipurpose crop, par excellence not only is it grown for timber pulp and fuelwood but as the aborigines discovered thousands of years ago it has numerous medicinal and aromatic properties since the first commercial distillation of eucalyptus oil 150 years ago a vast array of eucalyptus based pro narcissus and daffodil is the first book to provide a complete overview of the genus narcissus prized for centuries in western europe as an ornamental plant it has recently attracted attention as a source of potentially valuable pharmaceuticals in eastern european countries however narcissus and other amaryllidaceae have been valued as a sourc an up to date review of this popular medicinal plant genus this book will be of interest to all those concerned with the study and use of medicinal plants and provides a comprehensive and contemporary overview of the status of tea tree confusion about the genera geranium and pelargonium existed even before linnaeus binomial system of classification bundled both into the former category in 1753 despite later evaluations that separated the two many practitioners of alternative medicine and aromatherapists among others remain unaware of the distinction laymen and plant sales personnel are often equally in the dark as the majority of garden center geraniums are pelargonium species and cultivars this work aims to dispel myths and peel away layers of incorrect and muddled information which contribute to the unclear image of the genera geranium and pelargonium the genus geranium and pelargonium features discussion and new information on some of the following areas taxonomy and history of usage and nomenclature cultivation for essential oil production and retail purposes in different countries phytochemistry of the genera chemistry of geranium and pelargonium oils theory and practice of distillation of geranium and pelargonium oils pharmacology an therapeutic properties of geranium and pelargonium oils and extracts use of geranium and pelargonium products in aromatherapy perfumery cosmetics food processing and medicine new research into geranium and pelargonium this book will be of interest to graduate students scientists and professionals in the geranium and pelargonium growing and retail industry the perfumery food and cosmetics industries and to those interested in geranium and pelargonium for alternative and conventional medical use theory and practice religions and cults at a glance know what each group beli

2023-07-17

2/24

christianity cults and religions wall chart 20x26 inches compares the beliefs of 18 world religions and cults at a glance know what each group beli

caraway the seventh volume in the series medicinal and aromatic plants industrial profiles collects together all of the existing information in connection with the biology chemistry agrotechnology and utilization of the plant genus carum after an overview on all carum species it deals mainly with th most important species carum carvi l the this book provides a comprehensive overview of cannabis use and abuse and will be an invaluable source of reference for anyone with an interest in the wide range of applications of this fascinating plant and its therapeutic and commercial potential this book provides a comprehensive overview of current knowledge in mistletoe use from well recognised researchers from argentina england greece korea switzerland usa and germany and will be an invaluable reference source for anyone with an interest in the wide range of applications of this plant and its therapeutic potential in cancer therap 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 linum usitatissimum is a widely distributed plant that has a long history of traditional use as both an industrial oil and fiber crop it is known as linseed in the united kingdom or flax in north america for the last 15 years there has been a steadily growing interest in the medicinal and nutraceutical value of flax including experimental evid vetiveria is one of the most versatile genera in plant kingdom for example the species vetiveria zizanoides produces oderous roots from which a precious essential oil is distilled and used in a variety of applications from perfumery to ethnopharmacology the same roots give the plant particular characteristics that make it a valuable natural barr of the many varieties of date palms the species phoenix dactylifera linn is cultivated extensively and traded and consumed worldwide dates production processing food and medicinal values draws from a broad spectrum of contributors to present a comprehensive survey of this particular species the book explores a range of essential facets of what many consider to be a wonder plant from its cultivation to its potential for medicinal purposes divided into four parts the book begins by examining cultural practices and their implications for date cultivation the contributors discuss tissue culture studies in date palms and at a glance know what each group beli

2023-07-17

3/24

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management mechanization approaches in pollination and harvesting operations and marketing aspects the second section focuses on postharvest operations such as drying and explores alternatives for methyl bromide fumigation and value added products it also reviews biofuel production from by products and discusses the issue of waste generated from industry the third part of the book highlights the physical chemical and structural characteristics of dates it reviews fermentative products that use dates as substrate discusses the fruits as a substitute for added sugar in food and explores date palm feeding to livestock the final section discusses the possibilities for nutritional and medicinal use and reviews the use of dates in indigenous medicine exploring essential properties and agricultural implications this volume is a reliable resource for understanding the many aspects of the phoenix dactylifera linn the world production of citrus fruit has risen enormously leaping from forty five million tons a year to eighty five million in the last 30 years today the potential applications of their essential oils are growing wider with nearly 40 of fresh produce processed for industrial purposes citrus the genus citrus offers comprehensive cove a comprehensive overview of this genus artemisia examines all aspects of the herbs uses and applications its mode of action and clinical importance following a comprehensive introduction to the genus the book discusses the botanical phytochemical and biological aspects of a number of important species of artemisis considering that the discove this volume provides readers with biotechnological aspects of ergot alkaloid production and genetic and physiological data toxicology and environmental risks of ergot infection and contamination of food and forage are also detailed covering all the research areas regarding ocimum such as botany chemistry and pharmacology this book will be of interest to everybody involved in medicinal and aromatic plant research or related fields ginger the genus zingiber is the first comprehensive volume on ginger valued as a spice and medicinal plant from ancient times both in india and china ginger is now used universally as a versatile spice and in traditional medicine as well as in modern medicine this book covers all aspects of ginger including botany crop improvement chemistry biotechnology production technology in the major producing countries and its uses at a glance know what each group beli

2023-07-17

4/24

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and harvesting it also explores processing products economics and marketing pharmacology medicinal applications and uses as a spice and flavoring experts in the areas of genetic resources botany crop improvement and biotechnology of ginger give an in depth analysis of these key aspects and each chapter concludes with an extensive bibliography taxol originally derived from the north american yew tree in 1971 is well known worldwide as a powerful anticancer agent mechanistically it has a unique microtubule stabilizing activity and was clinically developed as a therapeutic agent in the treatment of breast and ovarian cancers at the national cancer institute washington d c usa i oregano the genera origanum and lippia is an updated analysis of the technical knowledge and market information on the world s most commercially valuable spice the book treats various aspects of practical significance for the crop s industrialization such as optimizing germplasm selection and utilization novel cultivation methods and product processing blending and uses in different countries along with other issues not included in previous reviews written by leading experts every aspect of this plant genera is examined in detail information is provided on the structural dynamics of origanum as well as analytical information on extraction isolation and characterization this helps the reader form a clear picture of the construction and operation of this specific genus extensively referenced with a special guide to electronic data retrieval strategies this volume is the definitive source of information for anyone interested in the research and application of oregano across both academia and industry the genus thymus consists of about 350 species of perennial aromatic herbs and subshrubs native to europe and north africa various types of thyme are used all over the globe as condiments ornamentals and sources of essential oil thyme oil distilled from its leaves is among the world s top ten essential oils displaying antibacterial antimyco while one may not find ancient studies that substantiate the pomegranate s curative and preventive qualities the exalted status of this fruit goes back as far as the history of agriculture itself allusions to the pomegranate are readily found in the oldest cultures of the indus valley ancient china and classical greece as well as in the old testament to modern scientists the biochemistry of the pomegranate stands at a glance know what each group beli

2023-07-17

5/24

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equally fascinating as its storied place in literature and religion providing an unprecedented compilation of scientific information pomegranates ancient roots to modern medicine offers an exploration of the biochemistry health effects and cultivation of the pomegranate that is as authoritative as it is unparalleled featuring the contributions of a multidisciplinary and international team of prominent researchers it presents the latest findings on the potential human health benefits of this exceptionally polyphenol rich fruit as the research indicates the physiological effects of pomegranate juice constituents are remarkable in their preventive potential against two of the major chronic diseases of aging heart disease and cancer many of the pioneering researchers responsible for initiating our newfound fascination with pomegranates discuss its biochemistry detailing the location and action of the phytochemicals found in the fruit s flesh peels and seeds they present evidence of the pomegranate s impact on heart disease including its ability to enhance nitric oxide production in endothelial cells they also reveal the significant antiproliferative and proapoptotic effects attributed to the pomegranate in battling several different types of cancer cells as well as its ability to retard tumor growth in animals recognizing that the pomegranate is only as valuable as it is available the editors include a substantial section on commercialization and another on plant growth and improvement these additions make this text as uniquely essential for botanists and agriculturists as it is for nutritionists cancer researchers natural product chemists botanical supplement producers and consumers and pharmacognosists seeking to evaluate both the pomegranate s legacy and future as a powerful natural healing agent echinacea has emerged from the realm of folklore medicine and into the territory of valued and potentially fundamental therapy while an understanding of the promising medicinal applications of echinacea is important knowledge of the herb s chemistry cultivation and analytical profiles is equally as significant echinacea the genus echin fenugreek presents an in depth review on the genus trigonella and particularly the species t foenum graecum l fenugreek it is written by 18 world and includes chapters describing the genus botany physiology cultivation breeding nutrition pest disease and uses and at a glance know what each group beli

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6/24

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the chemical constituents of the species of trigonella their pharmacol the book includes current knowledge on illicium verum star anise and pimpinella anisum aniseed main commercial species rich in anetol it also analyzes foeniculum vulgare fennel and other species of pimpinella p major p peregrina and p saxifraga this volume includes a botanical chemical pharmacological and therapeutic survey of the black pepper is the first monograph on this important and most widely used spice this volume includes chapters on all aspects of the crops botany crop improvement agronomy chemistry post harvest technology processing diseases insect pests marketing economy and uses all the available information has been collected and presented by expert plants from the genera urtica often better known as the stinging nettle can be distinguished by their stinging hairs and in some species their serrated leaf edges historical records of the various uses of urtica date back to at least the bronze age 3000 2000 bc nettles have traditionally been used as a nutritious food source particularly in stevia rebaudiana is a remarkable south american plant that has become widely used in certain parts of the world as a natural sweetening agent and dietary supplement purified extracts of s rebaudiana have been used as sweeteners and flavor enhancers in the food industry in japan for over a quarter of a century and have been found to be up to 300 sage the genus salvia is one of the most famous and used herbs in the world this volume containing twenty chapters written by the leading experts in the field presents a comprehensive coverage on all aspects of salvia topics covered include the presentation of the approximately 400 most known salvia species the distribution of the genus its chemotaxonomy ecophysiology cultivation technology and breeding methods information on the extraction isolation characterisation and structure of a large number of bioactive components the various pharmacological properties of the species the share of salvia products in the aromatherapy and natural cosmetics market biotechnological techniques and commercial aspects this comprehensive volume on salvia should be of interest to everyone involved in medicinal and aromatic plant applications and research for the last 6000 years turmeric has been used in ayurvedic medicine to alleviate pain balance digestion purify body and mind clear skin diseases expel phlegm and indicate and

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7/24

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blood nowadays this plant has acquired great importance with
its anti aging anti cancer anti Alzheimer antioxidant and a
variety of other medicinal properties the need of the hour is
to verify and validate the traditional uses by subjecting
them to proper experimental studies to do this effectively
there needs to be a single comprehensive source of the
knowledge to date turmeric the genus curcuma is the first
comprehensive monographic treatment on turmeric it covers all
aspects of turmeric including botany genetic resources crop
improvement processing biotechnology pharmacology medicinal
and traditional uses and its use as a spice and flavoring
bringing together the premier experts in the field from india
japan uk and usa this book offers the most thorough
examination of the cultivation market trends processing and
products as well as pharmacokinetic and medicinal properties
of this highly regarded spice while ayurveda has known for
millennia that turmeric cleanses the body modern science has
now discovered that it produces glutathione s transferase
that detoxifies the body and therefore strengthens the liver
heart and immune system by comparing traditional uses with
modern scientific discoveries the text provides a complete
view of the medicinal value and health benefits of turmeric
heavily referenced with an exhaustive bibliography at the end
of each chapter the book collects and collates the currently
available data on turmeric covering everything from
cultivation to medicine turmeric the genus curcuma serves as
an invaluable reference for those involved with agriculture
marketing processing or product development and may function
as a catalyst for future research into the health benefits
and applications of turmeric this comprehensive review on
neem is an excellent collation of observations and research
efforts by botanists taxonomists and medical practitioners
and will be of interest to everyone with an interest involved
in medicinal and aromatic plant research this edited book
deals with medicinal plants herbs and trees used in critical
diseases which contain a rich resource of bioactive compounds
that can be used as immuno boosters or recommended for
therapeutic values each chapter provides the basic
information such as taxonomic description occurrence and
importance of medicinal plants the detail description of
major bioactive compounds in medicinal plants their medicinal
nature and clear flow chart of biosynthesis is also included
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2023-07-17

8/24

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steps in this book this book also includes conservation strategy both in situ and ex situ which assist the research and academic purpose this book is of interest to national and international researchers teacher s pharma scientists and policymakers also the book serves as additional reading material for both undergraduate and graduate students of pharma and agriculture in the world many edible plants considered exotic in the western world are actually quite mainstream in other cultures while some of these plants are only encountered in ethnic food markets or during travels to foreign lands many are now finding their way onto supermarket shelves top 100 exotic food plants provides comprehensive coverage of tropical and semitropical food plants reviewing scientific and technological information as well as their culinary uses wide ranging in scope this volume s coverage includes plants that produce fruits vegetables spices culinary herbs nuts and extracts a user friendly format enables readers to easily locate information on botanical and agricultural aspects economic and social importance food uses storage preparation and potential toxicity the book also contains an introductory chapter that reviews important historical economic geopolitical health environmental and ethical considerations associated with exotic food plants thoroughly referenced with more than 2000 literature citations this book is enhanced by more than 200 drawings many chosen from historical art of extraordinary quality this timely volume also highlights previously obscure edible plants that have recently become prominent as a result of sensationalistic media reports stemming from their inherently entertaining or socially controversial natures some of these plants include the acai berry kava hemp and opium poppy a scholarly yet accessible presentation the book is filled with numerous memorable fascinating and humorous facts making it an entertaining and stimulating read that will appeal to a broad audience

2023-07-17

9/24

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Chamomile

2005-05-23

for over 2000 years preparations of chamomile flowers have counted among the medicinal treasures of many cultural groups this book provides an interdisciplinary inventory of the scientific level of knowledge about german chamomile as well as roman chamomile the two types of chamomile most produced it includes information for pharmacists and the

Medicinal and Aromatic Plants

19??

a present and up to date overview of this particular genus the contents of this volume include a history of its use biotechnology extraction of ginkgo leaves and extensive coverage of the ginkgolides their discovery biosynthesis chemical analysis clinical use and pharmacological activity other important constituents are also given attention

Ginkgo Biloba

2000-02-23

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

Saffron

1999-06-23

poppy the third volume in the series medicinal and aromatic plants industrial profiles presents up to date information on poppy and related species the introduction emphasizes the importance of poppy giving a historical evaluation in the chapters describing the botany and taxonomy of the genus some novel aspects are discussed e g special m

Industry Profiles

1958

vanilla is a legacy of mexico and like chocolate it is a major global delicacy representing almost a half billion euros in profits each year written under the editorial guidance of renowned field authorities drs eric odoux and michel grisoni vanilla presents up to date reviews on the cultivation curing and uses of vanilla it provides unique

Poppy

1999-01-26

lavandula species are mainly grown for their essential oils which are used in perfumery cosmetics food processing and aromatherapy products and for their use as ornamental plants and ingredients in numerous cottage industry products certain types of lavender oil have also been shown to have antimicrobial and antifungal properties the dried fl

Vanilla

2010-07-20

eucalyptus a genus of over 800 species is a multiproduct crop par excellence not only is it grown for timber pulp and fuelwood but as the aborigines discovered thousands of years ago it has numerous medicinal and aromatic properties since the first commercial distillation of eucalyptus oil 150 years ago a vast array of eucalyptus based pro

Lavender

2002-08-01

narcissus and daffodil is the first book to provide a complete overview of the genus narcissus prized for centuries in western europe as an ornamental plant it has recently attracted attention as a source of potentially valuable

pharmaceuticals in eastern european countries however narcissus and other amaryllidaceae have been valued as a source

Eucalyptus

2002-04-25

an up to date review of this popular medicinal plant genus this book will be of interest to all those concerned with the study and use of medicinal plants and provides a comprehensive and contemporary overview of the status of tea tree

Narcissus and Daffodil

2002-04-18

confusion about the genera geranium and pelargonium existed even before linnaeus binomial system of classification bundled both into the former category in 1753 despite later evaluations that separated the two many practitioners of alternative medicine and aromatherapists among others remain unaware of the distinction laymen and plant sales personnel are often equally in the dark as the majority of garden center geraniums are pelargonium species and cultivars this work aims to dispel myths and peel away layers of incorrect and muddled information which contribute to the unclear image of the genera geranium and pelargonium the genus geranium and pelargonium features discussion and new information on some of the following areas taxonomy and history of usage and nomenclature cultivation for essential oil production and retail purposes in different countries phytochemistry of the genera chemistry of geranium and pelargonium oils theory and practice of distillation of geranium and pelargonium oils pharmacology and therapeutic properties of geranium and pelargonium oils and extracts use of geranium and pelargonium products in aromatherapy perfumery cosmetics food processing and medicine new research into geranium and pelargonium this book will be of interest to graduate students scientists and professionals in the geranium and pelargonium growing and retail industry the perfumery food and cosmetics industries

and to those interested in geranium and pelargonium for alternative and conventional medical use theory and practice of distillation

Tea Tree

1999-03-25

caraway the seventh volume in the series medicinal and aromatic plants industrial profiles collects together all of the existing information in connection with the biology chemistry agrotechnology and utilization of the plant genus carum after an overview on all carum species it deals mainly with th most important species carum carvi l the

Geranium and Pelargonium

2002-10-03

this book provides a comprehensive overview of cannabis use and abuse and will be an invaluable source of reference for anyone with an interest in the wide range of applications of this fascinating plant and its therapeutic and commercial potential

Caraway

1999-01-28

this book provides a comprehensive overview of current knowledge in mistletoe use from well recognised researchers from argentina england greece korea switzerland usa and germany and will be an invaluable reference source for anyone with an interest in the wide range of applications of this plant and its therapeutic potential in cancer therap

Cannabis

1998-11-19

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

Mistletoe

2000-12-21

linum usitatissimum is a widely distributed plant that has a long history of traditional use as both an industrial oil and fiber crop it is known as linseed in the united kingdom or flax in north america for the last 15 years there has been a steadily growing interest in the medicinal and nutraceutical value of flax including experimental evid

Saffron

1999-06-23

vetiveria is one of the most versatile genera in plant kingdom for example the species vetiveria zizanoides produces oderous roots from which a precious essential oil is distilled and used in a variety of applications from perfumery to ethnopharmacology the same roots give the plant particular characteristics that make it a valuable natural barr

Flax

2003-05-22

of the many varieties of date palms the species phoenix dactylifera linn is cultivated extensively and traded and consumed worldwide dates production processing food and medicinal values draws from a broad spectrum of contributors to present a comprehensive survey of this particular species the book explores a range of essential facets of what many consider to be a wonder plant from its cultivation to its potential for medicinal purposes divided into four parts the book begins by examining cultural practices and their implications for date quality the contributors discuss tissue culture studies farm water management mechanization approaches in pollination and harvesting operations and

marketing aspects the second section focuses on postharvest operations such as drying and explores alternatives for methyl bromide fumigation and value added products it also reviews biofuel production from by products and discusses the issue of waste generated from industry the third part of the book highlights the physical chemical and structural characteristics of dates it reviews fermentative products that use dates as substrate discusses the fruits as a substitute for added sugar in food and explores date palm feeding to livestock the final section discusses the possibilities for nutritional and medicinal use and reviews the use of dates in indigenous medicine exploring essential properties and agricultural implications this volume is a reliable resource for understanding the many aspects of the phoenix dactylifera linn

Vetiveria

2002-01-17

the world production of citrus fruit has risen enormously leaping from forty five million tons a year to eighty five million in the last 30 years today the potential applications of their essential oils are growing wider with nearly 40 of fresh produce processed for industrial purposes citrus the genus citrus offers comprehensive cove

Dates

2012-04-20

a comprehensive overview of this genus artemisia examines all aspects of the herbs uses and applications its mode of action and clinical importance following a comprehensive introduction to the genus the book discusses the botanical phytochemical and biological aspects of a number of important species of artemisis considering that the discover

Inorganic Chemicals Industry Profile

(updated)

1971

this volume provides readers with biotechnological aspects of ergot alkaloid production and genetic and physiological data toxicology and environmental risks of ergot infection and contamination of food and forage are also detailed

Citrus

2002-09-12

covering all the research areas regarding ocimum such as botany chemistry and pharmacology this book will be of interest to everybody involved in medicinal and aromatic plant research or related fields

Artemisia

2001-10-18

ginger the genus zingiber is the first comprehensive volume on ginger valued as a spice and medicinal plant from ancient times both in india and china ginger is now used universally as a versatile spice and in traditional medicine as well as in modern medicine this book covers all aspects of ginger including botany crop improvement chemistry biotechnology production technology in the major producing countries diseases pests and harvesting it also explores processing products economics and marketing pharmacology medicinal applications and uses as a spice and flavoring experts in the areas of genetic resources botany crop improvement and biotechnology of ginger give an in depth analysis of these key aspects and each chapter concludes with an extensive bibliography

Ergot

1999-04-08

taxol originally derived from the north american yew tree in 1971 is well known worldwide as a powerful anticancer agent mechanistically it has a unique microtubule stabilizing activity and was clinically developed as a therapeutic agent in the treatment of breast and ovarian cancers at the national cancer institute washington d c usa i

Basil

1999

oregano the genera origanum and lippia is an updated analysis of the technical knowledge and market information on the world s most commercially valuable spice the book treats various aspects of practical significance for the crop s industrialization such as optimizing germplasm selection and utilization novel cultivation methods and product processing blending and uses in different countries along with other issues not included in previous reviews written by leading experts every aspect of this plant genera is examined in detail information is provided on the structural dynamics of origanum as well as analytical information on extraction isolation and characterization this helps the reader form a clear picture of the construction and operation of this specific genus extensively referenced with a special guide to electronic data retrieval strategies this volume is the definitive source of information for anyone interested in the research and application of oregano across both academia and industry

Ginger

2016-04-19

the genus thymus consists of about 350 species of perennial aromatic herbs and subshrubs native to europe and north africa various types of thyme are used all over the globe as condiments ornamentals and sources of essential oil thyme oil distilled from its leaves is among the world s top ten essential oils displaying antibacterial antimyco

Taxus

2003-02-13

while one may not find ancient studies that substantiate the pomegranate's curative and preventive qualities the exalted status of this fruit goes back as far as the history of agriculture itself allusions to the pomegranate are readily found in the oldest cultures of the Indus Valley ancient China and classical Greece as well as in the Old Testament to modern scientists the biochemistry of the pomegranate is as equally fascinating as its storied place in literature and religion providing an unprecedented compilation of scientific information pomegranate's ancient roots to modern medicine offers an exploration of the biochemistry health effects and cultivation of the pomegranate that is as authoritative as it is unparalleled featuring the contributions of a multidisciplinary and international team of prominent researchers it presents the latest findings on the potential human health benefits of this exceptionally polyphenol rich fruit as the research indicates the physiological effects of pomegranate juice constituents are remarkable in their preventive potential against two of the major chronic diseases of aging heart disease and cancer many of the pioneering researchers responsible for initiating our newfound fascination with pomegranates discuss its biochemistry detailing the location and action of the phytochemicals found in the fruit's flesh peels and seeds they present evidence of the pomegranate's impact on heart disease including its ability to enhance nitric oxide production in endothelial cells they also reveal the significant antiproliferative and proapoptotic effects attributed to the pomegranate in battling several different types of cancer cells as well as its ability to retard tumor growth in animals recognizing that the pomegranate is only as valuable as it is available the editors include a substantial section on commercialization and another on plant growth and improvement these additions make this text as uniquely essential for botanists and agriculturists as it is for nutritionists cancer researchers natural product chemists botanical supplement producers and consumers and pharmacognosists seeking to evaluate both the pomegranate's

legacy and future as a powerful natural healing agent

Oregano

2002-08-29

echinacea has emerged from the realm of folklore medicine and into the territory of valued and potentially fundamental therapy while an understanding of the promising medicinal applications of echinacea is important knowledge of the herb's chemistry cultivation and analytical profiles is equally as significant echinacea the genus echin

Thyme

2002-09-05

fenugreek presents an in depth review on the genus trigonella and particularly the species *t foenum graecum* l fenugreek it is written by experts and includes chapters describing the genus botany physiology cultivation breeding nutrition pest disease and weed control the chemical constituents of the species of trigonella their pharmacol

Pomegranates

2006-07-07

the book includes current knowledge on *illicium verum* star anise and *pimpinella anisum* aniseed main commercial species rich in anetol it also analyzes *foeniculum vulgare* fennel and other species of *pimpinella* p major p peregrina and p saxifraga this volume includes a botanical chemical pharmacological and therapeutic survey of the

Echinacea

2004-04-27

black pepper is the first monograph on this important and most widely used spice this volume includes chapters on all aspects of the crops botany crop improvement agronomy

chemistry post harvest technology processing diseases insect pests marketing economy and uses all the available information has been collected and presented by expert

Fenugreek

2002-08-22

plants from the genera *Urtica* often better known as the stinging nettle can be distinguished by their stinging hairs and in some species their serrated leaf edges historical records of the various uses of *Urtica* date back to at least the bronze age 3000 2000 bc nettles have traditionally been used as a nutritious food source particularly in

Illicium, Pimpinella and Foeniculum

2004-06-17

Stevia rebaudiana is a remarkable south american plant that has become widely used in certain parts of the world as a natural sweetening agent and dietary supplement purified extracts of *S. rebaudiana* have been used as sweeteners and flavor enhancers in the food industry in japan for over a quarter of a century and have been found to be up to 300

Black Pepper

2000-08-07

sage the genus *Salvia* is one of the most famous and used herbs in the world this volume containing twenty chapters written by the leading experts in the field presents a comprehensive coverage on all aspects of *Salvia* topics covered include the presentation of the approximately 400 most known *Salvia* species the distribution of the genus its chemotaxonomy ecophysiology cultivation technology and breeding methods information on the extraction isolation characterisation and structure of a large number of bioactive components the various pharmacological properties of the species the share of *Salvia* products in the aromatherapy and natural cosmetics market biotechnological techniques and

commercial aspects this comprehensive volume on salvia should be of interest to everyone involved in medicinal and aromatic plant applications and research

Urtica

2003-07-24

for the last 6000 years turmeric has been used in ayurvedic medicine to alleviate pain balance digestion purify body and mind clear skin diseases expel phlegm and invigorate the blood nowadays this plant has acquired great importance with its anti aging anti cancer anti altzheimer antioxidant and a variety of other medicinal properties the need of the hour is to verify and validate the traditional uses by subjecting them to proper experimental studies to do this effectively there needs to be a single comprehensive source of the knowledge to date turmeric the genus curcuma is the first comprehensive monographic treatment on turmeric it covers all aspects of turmeric including botany genetic resources crop improvement processing biotechnology pharmacology medicinal and traditional uses and its use as a spice and flavoring bringing together the premier experts in the field from india japan uk and usa this book offers the most thorough examination of the cultivation market trends processing and products as well as pharmacokinetic and medicinal properties of this highly regarded spice while ayurveda has known for millennia that turmeric cleanses the body modern science has now discovered that it produces glutathione s transferase that detoxifies the body and therefore strengthens the liver heart and immune system by comparing traditional uses with modern scientific discoveries the text provides a complete view of the medicinal value and health benefits of turmeric heavily referenced with an exhaustive bibliography at the end of each chapter the book collects and collates the currently available data on turmeric covering everything from cultivation to medicine turmeric the genus curcuma serves as an invaluable reference for those involved with agriculture marketing processing or product development and may function as a catalyst for future research into the health benefits and applications of turmeric

Stevia

2001-11-29

this comprehensive review on neem is an excellent collation of observations and research efforts by botanists taxonomists and medical practitioners and will be of interest to everyone with an interest involved in medicinal and aromatic plant research

Sage

2000-10-31

this edited book deals with medicinal plants herbs and trees used in critical diseases which contain a rich resource of bioactive compounds that can be used as immuno boosters or recommended for therapeutic values each chapter provides the basic information such as taxonomic description occurrence and importance of medicinal plants the detail description of major bioactive compounds in medicinal plants their chemical nature and clear flow chart of biosynthesis are important steps in this book this book also includes conservation strategy both in situ and ex situ which assist the research and academic purpose this book is of interest to national and international researchers teacher s pharma scientists and policymakers also the book serves as additional reading material for both undergraduate and graduate students of pharma and agriculture in the world

Turmeric

2007-03-01

many edible plants considered exotic in the western world are actually quite mainstream in other cultures while some of these plants are only encountered in ethnic food markets or during travels to foreign lands many are now finding their way onto supermarket shelves top 100 exotic food plants provides comprehensive coverage of tropical and semitropical food plants reviewing scientific and technological

information as well as their culinary uses wide ranging in scope this volume s coverage includes plants that produce fruits vegetables spices culinary herbs nuts and extracts a user friendly format enables readers to easily locate information on botanical and agricultural aspects economic and social importance food uses storage preparation and potential toxicity the book also contains an introductory chapter that reviews important historical economic geopolitical health environmental and ethical considerations associated with exotic food plants thoroughly referenced with more than 2000 literature citations this book is enhanced by more than 200 drawings many chosen from historical art of extraordinary quality this timely volume also highlights previously obscure edible plants that have recently become prominent as a result of sensationalistic media reports stemming from their inherently entertaining or socially controversial natures some of these plants include the acai berry kava hemp and opium poppy a scholarly yet accessible presentation the book is filled with numerous memorable fascinating and humorous facts making it an entertaining and stimulating read that will appeal to a broad audience

Neem

1999-03-25

Plants for Immunity and Conservation Strategies

2023-07-25

Top 100 Exotic Food Plants

2011-08-23

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