



Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles)

By John J.W. Coppen

Download now

Read Online 

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen

Eucalyptus, a genus of over 800 species, is a multiproduct crop par excellence. Not only is it grown for timber, pulp and fuelwood, but it has numerous medicinal and aromatic properties. Since the first commercial distillation of eucalyptus oil 150 years ago, a vast array of eucalyptus-based products has entered the marketplace, mainly for pharmaceutical, fragrance and flavor use. Eucalyptus provides an invaluable reference for all those with an interest in Eucalyptus - in academia and industry alike, for researchers as well as producers, processors, importers and end users - but there are also issues discussed and lessons learned that extend to medicinal and aromatic plants. Contents Part 1. General Aspects 1. Botany of the Eucalypts 2. Eucalyptus, Water and the Environment 3. Eucalypts in Cultivation: An Overview 4. Genetic Improvement of Eucalypts: With Special Reference to Oil-Bearing Species 5. Eucalyptus Chemistry 6. Distillation of Eucalyptus Leaf Oils. Theory and Practice Part 2. Cultivation and Production of Eucalypts Around the World: With Special Reference to the Leaf Oils 7. Cultivation and Production of Eucalypts in Australia: With Special Reference to the Leaf Oils 8. Cultivation and Production of Eucalypts in the People's Republic of China: With Special Reference to the Leaf Oils 9. Cultivation and Production of Eucalypts in Africa: With Special Reference to the Leaf Oils 10. Cultivation and Production of Eucalypts in South America: With Special Reference to the Leaf Oils 11. Cultivation and Production of Eucalypts in India: With Special Reference to the Leaf Oils Part 3. Biological and End-Use Aspects 12. Chemistry and Bioactivity of the Non-Volatile Constituents of Eucalyptus 13. Antimicrobial Activity of Eucalyptus oils 14. Eucalyptus in Insect and Plant Pest Control: Use as a Mosquito Repellent and Protectant of Stored Food Products; Allelopathy 15. Chemical Ecology of Herbivory in Eucalyptus: Interactions Between Insect and Mammalian Herbivores and Plant Essential Oils 16. Eucalyptus Oil Products: Formulations and Legislation 17. Production, Trade and Markets for Eucalyptus Oils 18. Research Trends and Future Prospects Appendices: 1. Sources of Eucalyptus Seed 2. Estimates of Eucalypt Plantations Worldwide 3. Advice to a Prospective New Producer of Eucalyptus Oil or Other Leaf Extractive 4. Composition of Some Commercially Distilled Eucalyptus Oils 5. Quality Criteria and

Specifications of Eucalyptus Oils 6. Packaging and Labeling Requirements for the Handling and Transportation of Eucalyptus Oils 7. Useful Addresses
Contributors Ian R. Calder, University of Newcastle, UK John W. Turnbull and Trevor H. Booth both at CSIRO Forestry and Forest Products, John C. Doran, CSIRO Forestry and Forest Products, Australia, Joseph J. Brophy, University of New South Wales, Australia, Mr E.F.K. Denny, Denny, McKenzie Associates, Australia, Geoffrey R. Davis, G.R. Davis Pty Ltd, Australia, Shaoxiong Chen, China Eucalypt Research Centre, Paul A. Jacovelli, UK Laercio Couto, Universidade Federal de Vicosa, Brazil, S.S. Handa, R.K. Thappa and S.G. Agarwal, Regional Research Laboratory, India, Takao Konoshima and Midori Takasaki, Kyoto Pharmaceutical University, Japan, Stanley G. Deans, Scottish Agricultural College, UK, Peter Golob, University of Greenwich, UK, Hiroyuki Nishimura and Atsushi Satoh, Hokkaido University, Japan, Ivan R. Lawler, James Cook University of Queensland, Australia, William J. Foley, Australian National University, Judi Beerling, Steve Meakins and Les Small, Quest International, UK, John J.W. Coppen, UK, Erich V. Lassak, Phytochemical Services, Australia

 [Download Eucalyptus \(Medicinal and Aromatic Plants - Indust ...pdf](#)

 [Read Online Eucalyptus \(Medicinal and Aromatic Plants - Indu ...pdf](#)

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles)

By John J.W. Coppen

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen

Eucalyptus, a genus of over 800 species, is a multiproduct crop par excellence. Not only is it grown for timber, pulp and fuelwood, but it has numerous medicinal and aromatic properties. Since the first commercial distillation of eucalyptus oil 150 years ago, a vast array of eucalyptus-based products has entered the marketplace, mainly for pharmaceutical, fragrance and flavor use. Eucalyptus provides an invaluable reference for all those with an interest in Eucalyptus - in academia and industry alike, for researchers as well as producers, processors, importers and end users - but there are also issues discussed and lessons learned that extend to medicinal and aromatic plants.

Contents

Part 1. General Aspects

1. Botany of the Eucalypts

2. Eucalyptus, Water and the Environment

3. Eucalypts in Cultivation: An Overview

4. Genetic Improvement of Eucalypts: With Special Reference to Oil-Bearing Species

5. Eucalyptus Chemistry

6. Distillation of Eucalyptus Leaf Oils. Theory and Practice

Part 2. Cultivation and Production of Eucalypts Around the World: With Special Reference to the Leaf Oils

7. Cultivation and Production of Eucalypts in Australia: With Special Reference to the Leaf Oils

8. Cultivation and Production of Eucalypts in the People's Republic of China: With Special Reference to the Leaf Oils

9. Cultivation and Production of Eucalypts in Africa: With Special Reference to the Leaf Oils

10. Cultivation and Production of Eucalypts in South America: With Special Reference to the Leaf Oils

11. Cultivation and Production of Eucalypts in India: With Special Reference to the Leaf Oils

Part 3. Biological and End-Use Aspects

12. Chemistry and Bioactivity of the Non-Volatile Constituents of Eucalyptus

13. Antimicrobial Activity of Eucalyptus oils

14. Eucalyptus in Insect and Plant Pest Control: Use as a Mosquito Repellent and Protectant of Stored Food Products; Allelopathy

15. Chemical Ecology of Herbivory in Eucalyptus: Interactions Between Insect and Mammalian Herbivores and Plant Essential Oils

16. Eucalyptus Oil Products: Formulations and Legislation

17. Production, Trade and Markets for Eucalyptus Oils

18. Research Trends and Future Prospects

Appendices:

1. Sources of Eucalyptus Seed

2. Estimates of Eucalypt Plantations Worldwide

3. Advice to a Prospective New Producer of Eucalyptus Oil or Other Leaf Extractive

4. Composition of Some Commercially Distilled Eucalyptus Oils

5. Quality Criteria and Specifications of Eucalyptus Oils

6. Packaging and Labeling Requirements for the Handling and Transportation of Eucalyptus Oils

7. Useful Addresses

Contributors

Ian R. Calder, University of Newcastle, UK

John W. Turnbull and Trevor H. Booth both at CSIRO Forestry and Forest Products, Australia

John C. Doran, CSIRO Forestry and Forest Products, Australia

Joseph J. Brophy, University of New South Wales, Australia

Mr E.F.K. Denny, Denny, McKenzie Associates, Australia

Geoffrey R. Davis, G.R. Davis Pty Ltd, Australia

Shaoxiong Chen, China Eucalypt Research Centre, China

Paul A. Jacovelli, UK

Laercio Couto, Universidade Federal de Vicosa, Brazil

S.S. Handa, R.K. Thappa and S.G. Agarwal, Regional Research Laboratory, India

Takao Konoshima and Midori Takasaki, Kyoto Pharmaceutical University, Japan

Stanley G. Deans, Scottish Agricultural College, UK

Peter Golob, University of Greenwich, UK

Hiroyuki Nishimura and Atsushi Satoh, Hokkaido University, Japan

Ivan R. Lawler, James Cook University of Queensland, Australia

William J. Foley, Australian National University, Australia

Judi Beerling, Steve Meakins and Les Small, Quest International, UK

John J.W. Coppen, UK

Erich V. Lassak, Phytochemical Services, Australia

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen Bibliography

- Sales Rank: #3111541 in eBooks
- Published on: 2007-04-17
- Released on: 2007-04-17
- Format: Kindle eBook

 [Download Eucalyptus \(Medicinal and Aromatic Plants - Indust ...pdf](#)

 [Read Online Eucalyptus \(Medicinal and Aromatic Plants - Indu ...pdf](#)

Download and Read Free Online Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen

Editorial Review

Review

"[This book] provides in-depth, scholarly information on one economically important medicinal or aromatic plant. This is a well-written volume that covers a wide range of information about eucalyptus, from the botanical, agricultural and chemical aspects to its production and role in the world economy. The authors are recognized scholars in their fields . Each chapter contains an extensive list of references . This book is recommended for academic and research libraries with botanical and agricultural collections." - E-Streams, Vol. 7, No. 4, April 2004 "Each chapter is written by an expert in their particular field and thus the whole volume presents comprehensive factual data on all aspects of a selected genus . In all, this is a gem of a book that has much to offer across a broad range of disciplines connected to the essential oil and medicinal plant world." - The International Journal of Aromatherapy, Vol. 13, Issue 2-3, 2003

About the Author

John J.W. Coppen is a consultant of the Food and Agriculture Organization of the United Nations.

Users Review

From reader reviews:

George Carter:

Do you have favorite book? Should you have, what is your favorite's book? Book is very important thing for us to learn everything in the world. Each publication has different aim as well as goal; it means that reserve has different type. Some people truly feel enjoy to spend their a chance to read a book. They may be reading whatever they get because their hobby is definitely reading a book. Consider the person who don't like examining a book? Sometime, man feel need book after they found difficult problem or maybe exercise. Well, probably you'll have this Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles).

Anita Winn:

Have you spare time for the day? What do you do when you have more or little spare time? Sure, you can choose the suitable activity to get spend your time. Any person spent their own spare time to take a go walking, shopping, or went to the Mall. How about open or read a book titled Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles)? Maybe it is to get best activity for you. You recognize beside you can spend your time using your favorite's book, you can wiser than before. Do you agree with it is opinion or you have some other opinion?

Kelly Cohn:

Information is provisions for those to get better life, information currently can get by anyone with everywhere. The information can be a information or any news even an issue. What people must be consider if those information which is from the former life are hard to be find than now's taking seriously which one

works to believe or which one the actual resource are convinced. If you receive the unstable resource then you obtain it as your main information you will have huge disadvantage for you. All of those possibilities will not happen in you if you take Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) as your daily resource information.

Sharon Scott:

As a student exactly feel bored to reading. If their teacher asked them to go to the library as well as to make summary for some publication, they are complained. Just tiny students that has reading's heart and soul or real their leisure activity. They just do what the educator want, like asked to go to the library. They go to generally there but nothing reading very seriously. Any students feel that looking at is not important, boring as well as can't see colorful photographs on there. Yeah, it is being complicated. Book is very important to suit your needs. As we know that on this period, many ways to get whatever we really wish for. Likewise word says, ways to reach Chinese's country. So , this Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) can make you feel more interested to read.

**Download and Read Online Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen
#HM6TWAUY93P**

Read Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen for online ebook

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen 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 Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen books to read online.

Online Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen ebook PDF download

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen Doc

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen Mobipocket

Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen EPub

HM6TWAUY93P: Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles) By John J.W. Coppen