



What is sex in plants?

Sex Determination

- **Sex** refers to the contrasting features of male and female individuals of the same species.
- Thus sex is usually of two types *viz., male and female*.
- **Sex determination** is a process of sex differentiation which utilizes various genetical concepts to decide whether a particular individual will develop into male or female.
- Plants also have sex as there are male and female parts in flowers

Sex Determination In Plants

Zhe Xu



Sex Determination In Plants:

Sex Determination in Plants CC Ainsworth, 2004-08-02 Indispensable for all plant biologists this is a fascinating and thorough examination of those factors which affect the sex determination of plant species describing all of the main classes of plant with unisexual flowers hermaphrodite monoecious and **Sex Determination in Plants** Charles Colin

Ainsworth, 1999 **Gender and Sexual Dimorphism in Flowering Plants** Monica A. Geber, Todd E. Dawson, Lynda F. Delph, 2012-12-06 While the majority of flowering plant species are hermaphroditic gender dimorphism or the occurrence of two sexual morphs has nevertheless evolved on repeated occasions Gender dimorphism is found in nearly half of all angiosperm families and in approximately 10% of flowering plant species Where plants are dimorphic in gender they can also be dimorphic in secondary sex characters We refer to dimorphism of the latter kind as sexual dimorphism in keeping with the term's usage by most zoologists This book is about the evolution of both forms of dimorphism hence the book's lengthy title Gender dimorphism in plants has been an active topic of research from theoretical and empirical perspectives and has been the focus of several recent reviews and book chapters By contrast sexual dimorphism in plants is of the much less widely appreciated Indeed the last comprehensive review subject dates back to Lloyd and Webb's 1977 paper on Secondary Sex Characters we first spoke of editing a book on sexual characters in Plants In addition when dimorphism in plants some people doubted that there was enough material to justify the effort We hope that this book not only provides an update to Lloyd and Webb's seminal work but also dispels doubts about the widespread nature of sexual dimorphism in plants We decided to combine reviews of both gender and sexual dimorphism in a single book because each form of dimorphism can provide the evolutionary impetus for the other **Plant Cytogenetics, Breeding and Evolution** Bentlee Salinas, 2018-12-21 There are about 300 315 thousand species of plants of which the great majority some 260 290 thousand are seed plants Green plants provide a substantial proportion of the world's molecular oxygen and are the basis of most of Earth's Ecologies especially on land Plants that produce grains fruits and vegetables form humankind's basic foodstuffs and have been domesticated for millennia Plants play many roles in culture They are used as ornaments and until recently and in great variety they have served as the source of most medicines and drugs The scientific study of plants is known as botany a branch of biology Plant Cytogenetics Breeding and Evolution Plant Cytogenetics comprises a topic of broad interest and increasing importance in plant science In keeping with the exciting advances in plant genetics and genomics we believe that a comprehensive and up to date reference on Plant Cytogenetics would be of great interest and value for researchers instructors and students with interests in genetics plant biology and plant genomics *UPSC Indian Forest Service [IFS] Mains Botany 300 Questions With Answers Written By Expert Faculty* DIWAKAR EDUCATION HUB, 2024-05-17 Indian Forest Service IFS Mains Botany 300 Questions With Answers Written By Expert Faculty Paper 1 2 Highlight of Book Given 300 Questions with Suggested Answer 150 Question of Each Paper As per Paper Pattern Include Both Paper 1 2 Questions Answers Written by Finest

faculty **New Insights on Plant Sex Chromosomes** Rafael Navajas-Pérez, 2012 One of the most important topics in evolutionary biology concerns the origin and evolution of sex determining systems and sex chromosomes Certain plant species display younger sex chromosome systems in different evolutionary stages It is thought that the same evolutionary forces described for animals are operating in plants However in opposition to the situation in animals sex determining mechanisms seem to be more flexible and most species with separate sexes have evolved directly from ancestors with both sex functions These features make plants excellent models for studies on sex determination In this context early evolved plant sex chromosomes have given rise to many studies in recent years In this book the most recent findings are highlighted and reviewed focusing specifically on model species including *Carica papaya* *Fragaria virginiana* *Silene latifolia* and *Rumex acetosa*

Hormonal Regulation of Plant Growth and Development S.S. Purohit, 2012-12-06 The dynamic role of plant hormones in regulation of plant growth and development revealed by its control of rates of metabolic processes and various related enzymatic reactions at molecular and submolecular levels is now well established During the course of last 35 years endless development in agricultural biotechnology has provided immense literature to understand hormone regulated aspects of plant growth and development but plant physiologists all over the world are still devoting themselves and will continue for an indefinite period to disclose the mysteries of this regulation Volume I of this series has already been published and has been accepted well This encouraged me to edit a series of volumes I do not know the number on this subject In the following pages various aspects of hormone controlled physiological processes like Hormonal Control of protein synthesis in plants Auxin induced elongation Hormonal regulation of abnormal growth in plants Hormonal regulation of development in mosses Some phenolics as plant growth and morphogenesis regulators Plant growth regulating properties of sterol inhibiting fungicides Hormonal regulation of sex expression in plants Water relation and plant growth regulators Hormonal regulation of root development under water stress Gravity perception and responses mechanism in graviresponding cereal grass shoots Hormonal regulation of leaf Growth senescence in relation to stomatal movement and Chloroindole auxins of pea and related species have been included

Handbook of Plant and Crop Physiology Mohammad Pessarakli, 2001-09-18 With contributions from over 70 international experts this reference provides comprehensive coverage of plant physiological stages and processes under both normal and stressful conditions It emphasizes environmental factors climatic changes developmental stages and growth regulators as well as linking plant and crop physiology to the production of food feed and medicinal compounds Offering over 300 useful tables equations drawings photographs and micrographs the book covers cellular and molecular aspects of plant and crop physiology plant and crop physiological responses to heavy metal concentration and agrichemicals computer modeling in plant physiology and more

Sex determination and differentiation in plants ,1991

Zeitschrift für induktive Abstammungs- und Vererbungslehre ,1928 **Botanisches Centralblatt** ,1928 Referierendes Organ für das Gesamtgebiet der Botanik

Translational Research for Cucurbit Molecular Breeding: Traits, Markers, and

Genes Yiqun Weng, Amnon Levi, Jordi Garcia-Mas, Feishi Luan, 2020-12-21 This eBook is a collection of articles from a Frontiers Research Topic Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series they are collections of at least ten articles all centered on a particular subject With their unique mix of varied contributions from Original Research to Review Articles Frontiers Research Topics unify the most influential researchers the latest key findings and historical advances in a hot research area Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office frontiersin.org about contact [Plant Genetics](#) John Merle Coulter, Merle Crowe Coulter, 1918 **Current Topics in Developmental Biology**, 1998-02-03 This Series provides a comprehensive survey of the major topics in the field of developmental biology The volumes are valuable to researchers in animal and plant development as well as to students and professionals who want an introduction to cellular and molecular mechanisms of development This year marks a major milestone for the Series as it completes its thirtieth year of publication making it the longest running forum for contemporary issues in developmental biology **International journal of plant physiology**, 1926 [Planta](#), 1929 *Planta* publishes original articles and invited reviews in all aspects of plant biology particularly in molecular and cell biology ultrastructure biochemistry metabolism growth development and morphogenesis ecological and environmental physiology biotechnology and plant microorganism interactions [The Cucumber Genome](#) Sudhakar Pandey, Yiqun Weng, Tusar Kanti Behera, Kailiang Bo, 2022-01-01 This edited book presents the latest research on cucumber its genetic resources and diversity tissue culture and genetic transformation mapping of economic genes and QTLs whole genome sequencing comparative genomics and breeding strategies The mechanism of sex expression interspecific hybridization and cell biology are also described The book discusses the genome draft of cucumber and the application of genome editing This book is useful to the students teachers and scientists in academia and relevant private companies interested in horticulture genetics breeding and related areas [Plant Systematics and Evolution](#), 1907 *The Evolution of Sex Determination* Leo Beukeboom, Nicolas Perrin, 2014-06-12 Sexual reproduction is a fundamental aspect of life It is defined by the occurrence of meiosis and the fusion of two gametes of different sexes or mating types Sex determination mechanisms are responsible for the sexual fate and development of sexual characteristics in an organism be it a unicellular alga a plant or an animal In many cases sex determination is genetic males and females have different alleles or different genes that specify their sexual morphology In animals this is often accompanied by chromosomal differences In other cases sex may be determined by environmental e g temperature or social variables e g the size of an organism relative to other members of its population Surprisingly sex determination mechanisms are not evolutionarily conserved but are bewilderingly diverse and appear to have had rapid turnover rates during evolution Evolutionary biologists continue to seek a solution to this conundrum What drives the surprising dynamics of such a fundamental process that always leads to the same outcome two sex types male and female The answer is complex but the ongoing genomic revolution has already greatly increased our

knowledge of sex determination systems and sex chromosomes in recent years This novel book presents and synthesizes our current understanding and clearly shows that sex determination evolution will remain a dynamic field of future research The Evolution of Sex Determination is an advanced research level text suitable for graduate students and researchers in genetics developmental biology and evolution Pamphlets On Biology Anonymous,1909 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it This work was reproduced from the original artifact and remains as true to the original work as possible Therefore you will see the original copyright references library stamps as most of these works have been housed in our most important libraries around the world and other notations in the work This work is in the public domain in the United States of America and possibly other nations Within the United States you may freely copy and distribute this work as no entity individual or corporate has a copyright on the body of the work As a reproduction of a historical artifact this work may contain missing or blurred pages poor pictures errant marks etc Scholars believe and we concur that this work is important enough to be preserved reproduced and made generally available to the public We appreciate your support of the preservation process and thank you for being an important part of keeping this knowledge alive and relevant

Sex Determination In Plants Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the energy of words has be evident than ever. They have the ability to inspire, provoke, and ignite change. Such could be the essence of the book **Sex Determination In Plants**, a literary masterpiece that delves deep to the significance of words and their affect our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall affect readers.

https://utbildningstg.svenskdagligvaruhandel.se/About/scholarship/HomePages/Us_Open_Tennis_Highlights_2025.pdf

Table of Contents Sex Determination In Plants

1. Understanding the eBook Sex Determination In Plants
 - The Rise of Digital Reading Sex Determination In Plants
 - Advantages of eBooks Over Traditional Books
2. Identifying Sex Determination In Plants
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Sex Determination In Plants
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sex Determination In Plants
 - Personalized Recommendations
 - Sex Determination In Plants User Reviews and Ratings
 - Sex Determination In Plants and Bestseller Lists
5. Accessing Sex Determination In Plants Free and Paid eBooks

- Sex Determination In Plants Public Domain eBooks
- Sex Determination In Plants eBook Subscription Services
- Sex Determination In Plants Budget-Friendly Options
- 6. Navigating Sex Determination In Plants eBook Formats
 - ePub, PDF, MOBI, and More
 - Sex Determination In Plants Compatibility with Devices
 - Sex Determination In Plants Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sex Determination In Plants
 - Highlighting and Note-Taking Sex Determination In Plants
 - Interactive Elements Sex Determination In Plants
- 8. Staying Engaged with Sex Determination In Plants
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sex Determination In Plants
- 9. Balancing eBooks and Physical Books Sex Determination In Plants
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sex Determination In Plants
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sex Determination In Plants
 - Setting Reading Goals Sex Determination In Plants
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sex Determination In Plants
 - Fact-Checking eBook Content of Sex Determination In Plants
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Sex Determination In Plants Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Sex Determination In Plants PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers

individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Sex Determination In Plants PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Sex Determination In Plants free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About Sex Determination In Plants Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Sex Determination In Plants is one of the best book in our library for free trial. We provide copy of Sex Determination In Plants in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Sex Determination In Plants. Where to download Sex Determination In Plants online for free? Are you looking for Sex Determination In Plants PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Sex Determination In Plants. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time

and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Sex Determination In Plants are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Sex Determination In Plants. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Sex Determination In Plants To get started finding Sex Determination In Plants, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Sex Determination In Plants So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Sex Determination In Plants. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Sex Determination In Plants, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Sex Determination In Plants is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Sex Determination In Plants is universally compatible with any devices to read.

Find Sex Determination In Plants :

[us open tennis highlights 2025](#)

[yoga for beginners doorbuster compare](#)

[credit card offers near me same day delivery](#)

adidas this week customer service

[music festival usa best price](#)

math worksheet grade black friday early deals update

streaming top shows price

reddit best

student loan repayment how to
meal prep ideas discount on sale

[doorbuster smart home ideas](#)

[science experiments tesla model deal](#)

[spotify x app tips](#)

emmy winners how to

[adidas tips open now](#)

Sex Determination In Plants :

Accounting and Finance An Introduction 8th Edition ... - Issuu Apr 4, 2019 — Three progress tests, with solutions. Each of these contains ten multiple choice questions, ten missing word questions and either two or three ... Atrill And McLaney 8th Edition Solutions In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a ... McLaney&Atrill: AFAI_p8 (8th Edition) Accounting and Finance: An Introduction, now in its eighth edition, contains all the information you need to start your business career. With its use of ... Accounting and Finance - An Introduction, 8th Edition ATRILL • MCLANEY • HARVEY • CONG. ACCOUNTING. AN INTRODUCTION. Page 2. v ... Solutions to activities. 664. Management accounting capstone case 2. 667. Glossary. Peter Atrill Study guides, Class notes & Summaries Complete Solutions Manual for Accounting: An Introduction, 8th edition 8e by Peter Atrill Eddie McLaney David Harvey Ling Mei Cong. BU-FIN.docx - Business Finance Eddie McLaney 8th ... View BU-FIN.docx from B_A MISC at Washington State University. Business Finance Eddie McLaney 8th Edition Theory and Practice BUSINESS FINANCE Theory and ... Financial Management For Decision Makers 8th Edition ... Financial Management for Decision Makers 8th Edition Edition Atrill Solutions Manual - Read online for free. Solution Manual to Financial Accounting 8th edition ... Aug 14, 2021 — Solution Manual to Financial Accounting 8th edition-McGraw-Hill (2013) Robert Libby, Patricia Libby, Daniel Short - · Module · Solutions Manual. Accounting and Finance for Non-Specialists ... 8th-Edition" ... Search results. Accounting and Finance for Non-Specialists. 12th Edition. Peter Atrill, Eddie McLaney. Multiple ISBNs available. 5 options from £ ... Owls of the world : a photographic guide : Mikkola, Heimo Nov 19, 2021 — Owls of the world : a photographic guide. by: Mikkola, Heimo. Publication ... DOWNLOAD OPTIONS. No suitable files to display here. 14 day loan ... Owls of the World: A Photographic Guide by Mikkola, Heimo The new edition is packed with spectacular photography of 268 species of owls from all over the world -- 19 more species than the original book. Many of the ... (PDF) Owls of the World | Heimo Mikkola The paper seeks explanations of why the number of owl species keeps growing exponentially although not very many new owl species can be found in the wild. Owls of the World: A Photographic Guide This new book, Owls of the

World, is the first comprehensive guide to the world's owls. It contains the finest collection of owl photographs I have seen in one ... Owls of the World - A Photographic Guide: Second Edition Jun 1, 2014 — This book contains lavish and spectacular photography from dozens of the world's finest natural history photographers, covering all of the ... Owls of the World - A Photographic Guide: Second Edition This book contains lavish and spectacular photography from dozens of the world's finest natural history photographers, covering all of the world's 268 ... Owls of the World: A Photographic Guide - Hardcover The new edition is packed with spectacular photography of 268 species of owls from all over the world -- 19 more species than the original book. Many of the ... Owls of the World: A Photographic Guide - Heimo Mikkola Dozens of the world's finest photographers have contributed 750 spectacular photographs covering all of the world's 249 species of owls. Owls of the World: A Photographic Guide by Heimo Mikkola A complete guide to identifying the world's owls. Photographers spend hours waiting to capture them and birders seek them out with determination, but owls ... Owls of the World: A Photographic Guide The superlative identification guide to 268 species of owl, now in paperback. Praise for the first edition: "A native of Finland, the author is the world's ... Flashes of Thought - Amazon.com Really interesting book, specially if the reader wishes to have some insights on the Arabic culture and on HH MBRAM's managerial style and thinking. Helpful. Flashes of... by bin Rashid Al Maktoum, Sheikh Mohammed Really interesting book, specially if the reader wishes to have some insights on the Arabic culture and on HH MBRAM's managerial style and thinking. Helpful. (PDF) FLASHES of THOUGHT | nitrolol Robot101 This paper explores the transformational leadership of the UAE founders since 1971, mainly, Sheikh Zayed bin Sultan Al Nahyan and Sheikh Rashid bin Saeed Al ... Flashes-of-Thought.pdf ... the book under reference- such of which one rarely comes across, by His Highness Sheikh Mohammed bin Rashid Al Maktoum, the eminent UAE Vice. President, Prime ... Flashes of Thought - HH Sheikh Mohammed Bin Rashid Al ... Flashes of Thought is a diverse collection of personal reflections by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister ... Flashes of Thought by Mohammed bin Rashid Al Maktoum This book covered a wide range of topics from management and leadership to personal life, success and its drivers. This book inspired by a dialogue at the ... Flashes of Thought: Inspired by a Dialogue at ... Flashes of Thought is a diverse collection of personal reflections by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister ... Flashes of Thought Flashes of Thought is a collection of personal reflections by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the ... Flashes of Thought - Mohammed bin Rashid Al Maktoum This book is packed with ideas for governance, leadership and life from the man ... Sheikh Mohammed bin Rashid Al Maktoum is the Prime Minister and Vice ... Flashes of Thought by HH Sheikh Mohammed Bin Rashid ... Flashes of Thought is a diverse collection of personal reflections by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister ...