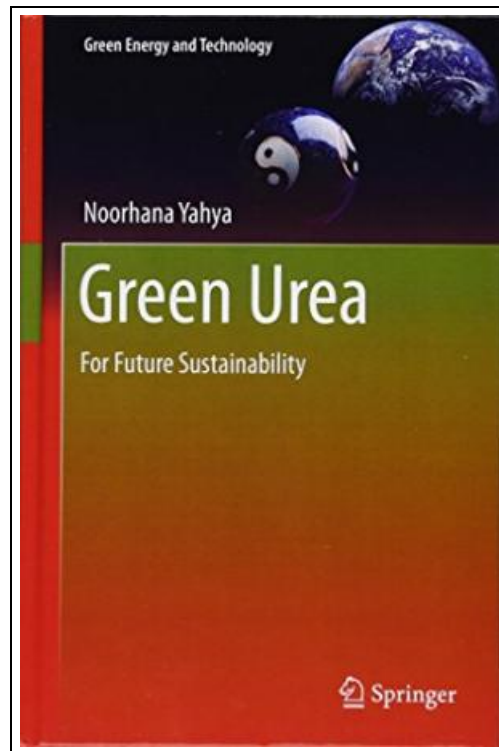


Green Urea: For Future Sustainability (Hardback)



Filesize: 1.29 MB

Reviews

*Comprehensive information for book fanatics. it had been writtern really completely and useful. I am happy to explain how this is the greatest publication i have read through in my very own life and can be he finest pdf for ever.
(Virginie Collier I)*

GREEN UREA: FOR FUTURE SUSTAINABILITY (HARDBACK)

DOWNLOAD



Springer Verlag, Singapore, Singapore, 2018. Hardback. Condition: New. 1st ed. 2018. Language: English . Brand New Book. This book presents a game changing technology of lower energy-intensive urea production of urea which is used as fertilizer. The technology, from a resource to a knowledge-intensive based industry, investigates a new synthesis approach employing electromagnetic induction and nano-catalyst at lower energy consumption. This clean and green method for a sustainable future might change the landscape of future chemical processes. It is made possible due to the enhancement in nanotechnology where quantum mechanical understanding is called into play. New reactor designs are elaborated on and discussed explicitly. Hematite and nickel oxide nanocatalysts are proposed for the green urea synthesis process, in the presence of static and oscillating magnetic fields. Strategies to increase single to triplet conversion rate are given for better understanding of the improved urea rate. The focus is deliberately on scrutinizing the greenhouse gas effect on the urea yield, in this case CO₂ flow rate. Coating techniques for slow release strategies are provided to reduce the volatilization of ammonia and leaching effect, hence offering a complete solution of Green Technology. Agriculture 4.0 that creates the new patterns and precision monitoring of crop rotation and livestock utilization will be able to pave the way for better crop yield. Development of advanced technology in agriculture is important for the implementation of Agriculture 4.0 and currently an inevitable trend of the socioeconomic development in the context of broader international integration for the sustainable future. The author would like to acknowledge Ministry of Higher Education (MOHE) for the grant worth RM 12 million to accomplish Green and Economical Urea project and to have full understanding on Green Technology in Urea. This book is a collaborative effort by her colleagues, Ku Zilati, Khanif, Shahrina, Zainovia, Azizah, Zakaria,...



[Read Green Urea: For Future Sustainability \(Hardback\) Online](#)



[Download PDF Green Urea: For Future Sustainability \(Hardback\)](#)

Related PDFs



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Save ePub »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Save ePub »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

[Save ePub »](#)



Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

[Save ePub »](#)



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Save ePub »](#)