


[DOWNLOAD](#)


Potato minituber production under Hydroponic Sand Culture

By Babak Darvishi

LAP Lambert Academic Publishing Apr 2016, 2016.

Taschenbuch. Book Condition: Neu. 220x150x4 mm. Neuware - Inadequate supply of good quality seed tubers is a major constraint in potato (*Solanum tuberosum* L.) economic production in developing countries. Tissue culture in conjunction with hydroponics is the main technology has been applied to rapidly multiply potato pre-basic seed tubers (mini-tubers). Isolation and use of sterile growing media are two important factors in production of healthy potato mini-tubers. Select of best growing medium for mini-tuber production depends on many variables including price, availability, phytosanitary and etc. Organic growing media, may harbor some pathogenic agents, are expensive and need to be replaced periodically. A relatively low cost method for potato mini-tuber production was devised by sand as growing medium. Sand provides an inert nature medium with more pore volume (more oxygen transport), stable structure, less water retention and large volume of accessible water to the plants. In developed hydroponic sand culture, phosphorus concentration was doubled for 10 days to induce tuber formation. Higher phosphorus concentration increased the level of endogenous ABA and IAA, induced tuberization and thereby increased net photosynthesis rate. 68 pp. Englisch.



READ ONLINE
[8.39 MB]

Reviews

This pdf is wonderful. It is definitely simplified but excitement from the 50 percent in the ebook. You wont sense monotony at at any time of your time (that's what catalogues are for relating to should you request me).

-- **Jaqueline Kerluke**

I just started looking at this pdf. It can be rally fascinating through studying period of time. Its been printed in an extremely basic way and is particularly only following i finished reading through this publication where in fact altered me, change the way i really believe.

-- **Mr. Stephan McKenzie**

Related PDFs



[Wacky Stories with Twist Endings Volume 1](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Everything about Andy is too good to be true, so what is his secret? Has Joan really got everything that...



[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 you can. Digitally preserved and previously accessible...



[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 can. Digitally preserved and previously accessible only...



[Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2](#)

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2, Peppa Pig and her family are enjoying a nature walk when they get lost. Can Peppa, George, Mummy Pig and Daddy...



[Kingfisher Readers: Romans \(Level 3: Reading Alone with Some Help\) \(Unabridged\)](#)

Pan Macmillan. Paperback. Book Condition: new. BRAND NEW, Kingfisher Readers: Romans (Level 3: Reading Alone with Some Help) (Unabridged), Philip Steele, For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of learning to read. This new...



[Kingfisher Readers: Volcanoes \(Level 3: Reading Alone with Some Help\) \(Unabridged\)](#)

Pan Macmillan. Paperback. Book Condition: new. BRAND NEW, Kingfisher Readers: Volcanoes (Level 3: Reading Alone with Some Help) (Unabridged), Claire Llewellyn, For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of learning to read. This new...