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Research Article

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Patch growth of seashore paspalum (*Paspalum vaginatum*) treated with inorganic fertilizer and organic biostimulant

Published On: May 28, 2024 | Pages: 010 - 014

Author(s): Madison L Meagher, Ambrose O Anoruo*, Benjamin L Turner, Paul W Holland, Shad D Nelson and Maria C Donato-Molina

Inorganic fertilizers are often used in the United States in golf courses putting green maintenance. We used milled plant biomass on putting greens to test the hypothesis that organic biostimulants used in putting green maintenance can achieve similar results as inorganic fertilizers. Dilapidated putting greens, #4 and #14, with conspicuous patches at the L.E. Ramey G ...

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Seedling emergence, periodic growth, and survival of some multipurpose agroforestry tree species of Garhwal Himalaya

Published On: January 11, 2024 | Pages: 001 - 006

Author(s): Kanchan Rawat, CS Dhanai*, VP Khanduri and Bhupendra Singh

This study evaluated the seedling emergence behavior, growth performance, leaf area, and biomass allocation of seven multipurpose tree species (*Celtis australis*, *Grewia optiva*, *Bauhinia retusa*, *Bauhinia variegata*, *Ficus auriculata*, *Quercus semecarpifolia*, *Quercus floribunda*). The (emergence) germination experiments were conducted under the polyhouse condition in poly ...

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Review Article

Impact of Salinity on the Infradensity of *Avicennia Germinans* Wood Collected from Different Habitats in Greater Libreville

Published On: September 07, 2024 | Pages: 025 - 029

Author(s): Mabicka Iwangou Saint Bickolard*, Safou Tchiama Rodrigue, Besserer Arnaud, Masson Eric, Andzi Barhé Timoléon and Gérardin Philippe

Mangroves grow near the sea and inland. However, the mangroves that develop inland have a high and variable salinity. The salinity is a key factor in the anatomy of mangrove wood, this work aimed to show the impact of salinity on the vessel density, and the infradensity of *Avicennia germinans* (*A. germinans*). To do this, the trees of *A. germinans* were collected from th ...

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Impacts of climate change on crop-weed dynamics: Challenges and strategies for weed management in a changing climate

Published On: June 14, 2024 | Pages: 015 - 021

Author(s): R Kaur, S Kumar, SA Ali*, S Kumar, UM Ezing, RS Bana, SL Meena, A Dass and T Singh

Rising carbon dioxide (CO₂) concentrations, global temperature variations, and precipitation changes are key factors influencing future weed dynamics and agricultural productivity. Weeds, having diverse gene pools and physiological plasticity, are likely to exhibit greater resilience and adaptability to changes in CO₂ concentrations and temperature, potentially outcom ...

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Mini Review

The Impact of Radiant Air-conditioning on Sleep Quality: A Mini-Review

Published On: September 07, 2024 | Pages: 022 - 024

Author(s): Jihui Yuan*

Sleep is a vital aspect of human health, influencing both physical and mental well-being. Environmental factors, particularly indoor temperature, play a crucial role in determining sleep quality. Traditional cooling systems, while effective in temperature control, often create uneven cooling and noise, which can disrupt sleep. Radiant air-conditioning systems, which ...

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Opinion

[Open Access](#) [Opinion](#) PTZAID:OJEB-9-140

What was achieved at the Dubai COP28 Climate Conference: Opinion note

Published On: May 21, 2024 | Pages: 007 - 009

Author(s): Ricardo O Russo*

The opinion note presents the author's evaluation of the accomplishments of The COP28 climate conference in Dubai, which took place from November 30 to December 12, 2023. It is noted that a significant level of consensus was achieved during the conference. A notable majority of nations, such as the European Union (EU), the Alliance of Small Island States (AOSIS), the ...

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