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Research Article

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Effects of Weeding Frequency and NPS Fertilizer Rates on Barley (*Hordeum vulgare* L.) Yield performance, Western Ethiopia

Published On: July 27, 2024 | Pages: 114 - 123

Author(s): Jaleta Mendera, Zerihun Jalata* and Alemayehu Wagari

Background: Food barley is one of the main staple crops in Ethiopia, however, its production is influenced by several factors including the effect of weeds and low soil fertility. Purpose: An experiment was conducted with the objective of investigating the combined impact of weeding frequencies and NPS fertilizer rates on barley growth and yield performance. Metho ...

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Agriculture Practices in the Danuwar Community of Nuwakot District, Nepal

Published On: July 11, 2024 | Pages: 107 - 113

Author(s): Umesh Acharya and Roshan Bhandari*

The Danuwar community is an indigenous group predominantly inhabiting the Terai, and Hilly regions of Nepal, practicing traditional agriculture. This study examines the current agricultural practices of the Danuwar community of Ganesthan, Nuwakot district, Nepal. Primary data were collected from direct field surveys with the help of structured and semistructured quest ...

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Determining Critical Weed Competition at Different Weed Free Periods in Linseed in Holeta District Central Ethiopia

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Author(s): Bogale Ayana*

A substantial proportion of linseed yield is lost due to weeds in the Holeta area of Central Ethiopia. The weeds infest the crop fields during the early growth stage and consume growth resources. To protect the crops from weeds, farmers manage their fields using cultural practices. However, there is a knowledge gap between farmers on critical weed removal time for the ...

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Single and combined effects of oregano leaf and clove oils on the reduction of salmonella enteritidis on chicken egg shells

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Author(s): Daley M* and Tolen TN

Table eggs are versatile foodstuffs used in various food products. Eggs are often consumed or incorporated into other food products to enhance taste and nutrition and act as an emulsifying agent. Too often the consumption of contaminated eggs leads to foodborne illnesses in people. When whole eggs or egg products come into contact with contaminated surfaces or other c ...

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Mini Review

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Sanitary Problems and Trace Metals Bioaccumulation during Drip Irrigation with Treated Wastewater in Okra

Published On: July 06, 2024 | Pages: 094 - 100

Author(s): Mohamed Naceur Khelil*, Malika Mahmoudi, Rim Ghrib and Samir Yacoubi

Water scarcity, mainly in arid and semi-arid zones, has encouraged efforts to adopt non-conventional waters for food production and agricultural development. Treated Wastewater (TWW) is one of the most continuously produced, accessible, and inexpensive water resources, with great potential for use in irrigation. The aim of this study was to investigate the combined ef ...

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