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In this issue

Research Article

Open Access Research Article PTZAID:IJASFT-9-292

Reducing weed impacts and yield losses by application of herbicides in summer-grown maize

Published On: June 24, 2023 | Pages: 049 - 053

Author(s): Bogale Ayana*

A field trial was conducted at Holeta Agricultural Research Station and Medegudina, Central Ethiopia, during the summer season of 2021 to study the effects of different weed control methods against annual grasses and broadleaf weeds in summer planted Maize. The experiment included five treatments; COYOTE 440 SE 3L ha-1, Primagramgold 660 SC 3L ha-1, twice hand weeding ...

Abstract View Full Article View DOI: 10.17352/2455-815X.000192

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Growth and Yield Performance of Fluted Pumpkin (Telferia Occidentalis Hook F.) to Wood Shaving Biochar and Poultry Manure in Ikorodu, Lagos, Nigeria

Published On: June 17, 2023 | Pages: 044 - 048

Author(s): Godonu Kolawole Gbemavo, Sanni Kehinde Oseni*, Alo Rock Anayo Peter and Eleduma Ajayi Festus

In many tropical cropping systems, low soil fertility is a significant factor that hinders the development of vegetable crops. In order to get a good yield, it is necessary to increase the soil's nutrient status to satisfy the crop's needs, hence maintaining the soil's fertility status. To determine the effects of Wood Shavings Biochar (WSB) and Poultry Manure (PM) on ...

Abstract View Full Article View DOI: 10.17352/2455-815X.000191

Open Access Research Article PTZAID:IJASFT-9-290

The impacts of poverty on hunger: An examination of the relationship between socioeconomic status and food insecurity

Published On: June 16, 2023 | Pages: 041 - 043

Author(s): Upasana Singh*

Hunger is a persistent global problem affecting billions of people worldwide, particularly those living in poverty and developing countries. Research work relates to experimental research work on the causes and effects of hunger and proposes potential solutions to address the problem. Poverty, conflict, natural disasters, climate change, and gender inequality are majo ...

Abstract View | Full Article View | DOI: 10.17352/2455-815X.000190

Open Access Research Article PTZAID:IJASFT-9-289

Study of eban local garlic yield potential using sustainable cultivation technology in the North Central Timor District

Published On: May 30, 2023 | Pages: 036 - 040

Author(s): Asep Ikhsan Gumelar*, Nikolas Nik, Eduardus Yosef Neonbeni, Marsianus Falo, Paulus Klau Tahuk, Anna Tefa, Jefrianus Nino, Yakobus Pes Agu and Deseriana Bria

This study aims to determine the effect of the best types of mulch and organic fertilizer on the growth and yield of local Eban garlic. This research was conducted from May to October 2022 on the land of the Melati Women Farmer Group (WFG), Salu Village, West Miomaffo District, North Central Timor Regency, East Nusa Tenggara, and the Laboratory of the Faculty of Agric ...

Abstract View | Full Article View | DOI: 10.17352/2455-815X.000189

Open Access Research Article PTZAID:IJASFT-9-288

Performance characteristics and digestion of growing rabbits fed Corn Gluten Residue Meal (CGRM), Soybean Gluten Residue Meal (SGRM), and Sorghum Brewer Dry Grain (SBDG)

Published On: May 19, 2023 | Pages: 031 - 035

Author(s): SK Ayandiran* and I Adekunle

Context: Grain by-products are nonconventional feed resources that can be used as supplemental diets for rabbits, especially during the dry season when native forages are scarce and limiting in essential nutrients. Hence, this present

study is to determine the inclusion of residue, Corn Gluten Residue Meal (CGRM), Soybean Gluten Residue Meal (SGRM), and Sorghum Brewer ...

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Open Access Research Article PTZAID:IJASFT-9-287

Effect of different storage methods on germination and seedling emergence of six pawpaw (Carica Papaya L.) varieties planted in Ogbomoso, Oyo state, Nigeria

Published On: April 27, 2023 | Pages: 026 - 030

Author(s): Olayiwola SA*, Olaniyi JO, Alamu LO and Lawal SW

Pawpaw is known as a fruit that contains nutrients and vitamins ranging from green ripe to over-ripe and unripe fruits of various varieties. The poor and delayed germination, rapid loss of viability in seeds due to the presence of sarcotesta, and condition of storage of seeds could be addressed through the storage in various containers. This paper focused on the inves ...

Abstract View Full Article View DOI: 10.17352/2455-815X.000187

Open Access Research Article PTZAID:IJASFT-9-286

Comparative advantage of improved feed trough and the traditional feeding material for efficient utilization of crop residue at small-scale farmers in Northwestern Tigray, Ethiopia

Published On: April 22, 2023 | Pages: 021 - 025

Author(s): Teklemariam Abadi*, Kibrom Gebremedhin, Desale Gebretsadik and Daniel Desta

The study was conducted to reduce the high feed wastage by practicing the improved feed trough in the study area. The trail was conducted at Tahtay Koraro district Northwestern zone of Tigray, Ethiopia. Improved feed trough was constructed on a total of 20 interested farmers. Both quantitative and qualitative data were collected andanalyzed using descriptive statistic ...

Abstract View Full Article View DOI: 10.17352/2455-815X.000186

Mini Review

Open Access Mini Review PTZAID:IJASFT-9-285

A brief overview to give a new perspective on mole drainage

Published On: April 01, 2023 | Pages: 016 - 020

Author(s): Muhittin Yamur Polat* and Mehmet Emin Bilgili

Draining excess water from the soil is the general purpose of drainage. Thus, soil protection is provided and product losses are prevented. Mole drainage consists of underground galleries that act as piped drainage. This type of drainage is mostly used successfully in clay, organic, and highly cohesive soils. It is used successfully in areas with high groundwater, dur ...

Abstract View | Full Article View | DOI: 10.17352/2455-815X.000185