Risk management of short supply chain of Momotaro Tomato Commodity in PT. Saribhakti Bumi Agri

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Author(s): Azizah Rahmi Raharja*, Agriani Hermita Sadeli, Nur Syamsiyah and Sulistyodewi Nur Wiyono

Momotaro tomato is an introduced vegetable commodity in West Java. Development of introduced vegetables needs an effective and efficient supply chain performance to maintain the quality and quantity of the product until it reaches the consumers. PT. Saribhakti Bumi Agri is an agribusiness company that cultivates and sells introduced vegetables with shorter supply cha ...

RP-HPLC determination of Furosine in fermented milk of different brands retailed in China

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Author(s): Mekonen Tekliye, Xu Pei and Mingsheng Dong*

Heat treatment of milk is the most widely used processing technology in the dairy industry. It results in many chemical and biochemical changes in milk, the extent of which depends on the temperature-time combinations, the heating method utilized, and milk pre-treatment conditions [1-3]. ...

Clustering and principal component analysis of Barley (Hordeum volugare L.) Landraces for major morphological traits from North Western Ethiopia
Huge collections of barley landrace genotypes in Ethiopian are not studied for the magnitude of genetic distances from each other. Though knowing the contribution of individual traits is crucial to focus on particular traits in cultivar development; the traits of these genotypes are not yet studied.

Evaluation of different feeding options on growth response and carcass characteristic of yearling Kereyu-Bulls to attain local/export market weight

The study was conducted at Adami Tulu agricultural research center on growth performance and carcass characteristics evaluation of one year old 24 Kereyu bulls. The objectives of the fattening trial were: to evaluate different feeds options on one year aged Kereyu bulls for them to attain 300kg export market weight gain, to evaluate the carcass characteristics of t ...
Evaluation of Eating Quality in Sensory Panelist and Instrumental Tenderness of Beef from Harar, Arsi and Bale Cattle Breeds in Oromia, Ethiopia

Published On: May 15, 2019 | Pages: 035 - 042

Author(s): Birmaduma Gadisa*, Yesihak Yusuf and Mohammad Yousuf

Meat is one of the most nutritious animal products that humans can consume, particularly in terms of supplying high-quality protein, minerals and essential vitamins. Hence, the demand for meat is not only quantity wise, but also quality wise. The objective of this study was evaluate eating qualities of beef produced at public abattoirs from Arsi, Bale and Harar cattle ...

Participatory forage production for biomass and seed production through different sowing methods in Afar Regional State, Ethiopia: In the Case of Afambo District of Afar Ethiopia

Published On: March 12, 2019 | Pages: 019 - 025

Author(s): Anwar Seid Hassen*

This experiment was conducted with the objective of to evaluate effect of sowing methods on biomass, seed and planting materials production with participatory of the local community in Afambo districts. Accordingly, the biomass yield of Panicum antidotale, Cenchrus ciliaris, Lablab purpureus (147), Vigna unguiculata (9333), and sowing by drill method was significantly ...

Assessment of socio-economic factors affecting the utilization of manual screw press for gari production in Kwara state, Nigeria

Published On: February 14, 2019 | Pages: 013 - 018

Author(s): Adegbola Adetayo Jacob*, Wegh Francis Shagbaor, Ikwuba Agnes Agbanugo and Nwafor Solomon Chimela

This study investigated socio-economic determinants of utilization of manual screw press for cassava mash dehydration for gari production in four local government areas across the ADP zones in Kwara state, Nigeria. Using random sampling
Body weight had highest correlation coefficient with heart girth around the chest under the same farmers feeding conditions for Arsi Bale sheep

Valuing the investigation of Prion diseases in Ethiopia

Cellular Prion proteins have a wide variety of function from the birth of a cell to its programmed death. Prion protein can be the cause for a number of lethal animal and human diseases when misfolded. Furthermore, prion infection is transmissible. Polymorphisms of prion gene at different loci are associated with prion diseases development, the onset of symptoms and i...
Rice carrying capacity and sustainable produce of rice in resources-limited regions

Published On: July 23, 2019 | Pages: 054 - 057

Author(s): Zhongsheng Guo*

Rice is a main food over the world. With the growing population and urbanization, the demand for the rice is increasing. To ensure the sustainable produce and market supply of rice is most important to meet the people's need of rice and the sustainable development. Most of distribution area of rice is in resources-limited regions, and sometime natural calamities inf ...

Effect of Land Use and Land Cover Changes on Soil Erosion in Ethiopia

Published On: May 13, 2019 | Pages: 026 - 034

Author(s): Bekele Tsegaye*

Land degradation is one of a serious agricultural problem that posed severe threat to food production and the livelihood of peoples in Ethiopia. It resulted in high economic loss and threat in natural environment. The country loses about $106 million annually through soil and nutrient loss. Soil degradation is the one and the major form of land degradation that have b ...