Research Article

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

Published On: July 31, 2019 | Pages: 058 - 063

Author(s): Melkamu Enyew*, Tiegist Dejene, Berhane Lakew and Fisseha Worede
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

Abstract View  Full Article View  DOI: 10.17352/2455-815X.000044

Abstract View  Full Article View  DOI: 10.17352/2455-815X.000043

Abstract View  Full Article View  DOI: 10.17352/2455-815X.000044
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 ...
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 evaluating the 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 technique and a semi-structured questionnaire as research instrument, data for the study were collected from a sample of three hundred...

Body weight had highest correlation coefficient with heart girth around the chest under the same farmers feeding conditions for Arsi Bale sheep

Published On: February 11, 2019 | Pages: 006 - 012

Author(s): Ashebir Worku*

The study was conducted in Adami Tulu Jido Kombolcha and Bora districts from east Shoa zone as well as Kofele and
Asasa from west Arsi zone of Oromia regional state. The objective of this study was to determine the best regression model for live weight estimation to be used by farmers without the use of weighing scale for indigenous sheep breed found in East Shoa and ...

**Valuing the investigation of Prion diseases in Ethiopia**

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Author(s): Eden Yitna Teferedegn, Tesfaye D and Ün C

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 ...
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 ...