Comparative study of the chemical properties and composition of the Mentha Pulegium L. of Algerian origin and that of Tunisian origin

Published On: April 14, 2020 | Pages: 030 - 036

Author(s): Mondher Barhoumi*

The aim of this study was to compare the chemical composition, antioxidant, antifungal and antileishmanial activities of the essential oils that were obtained from Mentha pulegium L. cultivated both in Algeria and in Tunisia. The kinetics of antioxidant activity was also studied. The essential oils are obtained by steam distillation with a yield of 1.30 and analyzed ...

Abstract View  Full Article View

Crops pattern change and agricultural diversification: A case study of Domar Upazila, Nilphamari

Published On: March 11, 2020 | Pages: 022 - 029

Author(s): Md. Naimur Rahman*

Cropping pattern means the proportions of area under various crops at a point of time. This paper provides a comprehensive assessment of crop pattern, crop productivity using climate, water and crop yield models. The existing studies present that climate change models with higher spatial resolution can be a way forward for future projections. Various types of statisti ...

Abstract View  Full Article View  DOI: 10.17352/2455-815X.000050
Antioxidant and ACE-Inhibitory Activity of Common Bean Whey Fortified Yoghurt with Assessed by in vitro Static Gastrointestinal Digestion

Published On: March 04, 2020 | Pages: 011 - 021

Author(s): Ahmadullah Zahir, Zhuang Shen, Xin Rui*, Jing Huang, Enayatullah Hamdard and Mingsheng Dong*

Yogurt supplemented with plant source proteins are received increased attention but few studies investigated effect of plant source proteins supplementation on protein digestibility and releasing of bioactive peptides. In this study, a residue rich in protein derived from common beans starch production, Common Bean Whey (CBW), was applied in development of novel yogur ...

Comparative study on the chemical composition and acceptability of a creamy dessert (pudding) prepared with coconut milk and dairy milk

Published On: March 03, 2020 | Pages: 006 - 010

Author(s): Md Suzauddula*, Effat Ara Jahan, Masum Billah and Md Bellal Hossain

Coconut milk is that the liquid obtained by manual or mechanical squeeze of grated coconut lying in moneyed white liquids. During this study, coconut milk and coconut milk pudding were pared, and it's microbiological, chemistry and sensory quality were studied. The dairy farm milk pudding was very little sweeter than coconut milk pudding. The dairy farm milk pudding w ...

Participatory demonstration of concentrate based Arsi-Bale sheep fattening technology at Dodola and Kofele districts in West Arsi-Zone, Oromia regional state, Ethiopia

Published On: February 06, 2020 | Pages: 001 - 005

Author(s): Aman Gudeto*, Mieso Guru, Frehiwot Mesele, Ashebir Worku, Genet Dadi and Tesfaye Alemu T

Concentrate feed based yearling Arsi-Bale sheep fattening demonstration was conducted at Keta-Bareda and Wabe Gefersa kebeles of Dodola and Kofele districts, respectively. The objectives of the study were to demonstrate concentrate based rams fattening technology and to evaluate of its economic profitability at on-farm level. Two youth and one women