



Commentary

Evaluation of the adequacy of methodology and testing systems for detection and identification of GMOs

Yousef S. Al-Hafedh

8

Photopedogenesis: Concept and Application

B. B. Mishra, Heluf Gebrekidan and Sheleme Beyene

12

Food & Health

Evidence that sensitivity to 6-*n*-propylthiouracil (PROP) affects perception of retro-nasal aroma intensity

Gary J. Pickering, Gina Haverstock and David DiBattista

15

The development of disease free areas across Europe

Olaf Neuteboom and Jan Slingenbergh

23

Dietary intake and chronic diseases in Jamaica - An island-wide survey

Dalip Ragoobirsingh, Errol Y. St. A. Morrison, Pauline Johnson and Eva Lewis-Fuller

31

Supplementation of ogi, a maize-based infant weaning food, with African oil bean (*Pentaclethra macrophylla* Benth) seed

Victor N. Enujiugha

34

Compositional evaluation of cowpea (*Vigna unguiculata*) and scarlet runner bean (*Phaseolus coccineus*) varieties grown in Nigeria

Aremu M. Olaleke, Olaofe Olorunfemi and T. Emmanuel Akintayo

39

Lactic acid improves the efficacy of anti-microbial washing solutions for apples

H. P. Vasantha Rupasinghe, Jeanine Boulter-Bitzer and

Joseph A. Odumeru

44

Effects of weaning programs on serum metabolites and hepatic IGF-1 mRNA of first-calf heifers or mature cows

Travis Whitney, Glenn Duff, Peder Cuneo, David Henderson, David Schafer, Dennis Hallford, Robert Collier and Paula Gentry

49

Protein replacement value of cassava (*Manihot esculenta*, Crantz) leaf protein concentrate (CLPC): Effects on egg quality, biochemical and haematological indices in laying birds

Fasuyi Ayodeji Oludare

54

Rumen degradation and *in vitro* gas production parameters in some browse forages, grasses and maize stover from Kenya

Isaac M. Osuga, Shaikat A. Abdulrazak, Toshiyoshi Ichinohe and Tsutomu Fujihara

60

Effect of hot water dips in controlling rooting and sprouting of minimally processed sliced garlic (*Allium sativum* L.) during room temperature storage

A. H. Abd Rahim, A. Osman, N. Saari and R. Abdul Rahman

65

Haematological and biochemical responses of Balami sheep to experimental *Fasciola gigantica* infection

M.I. Ahmed, A.G. Ambali and S.S. Baba

71

Cows milk quality in two regions in Lebanon and its effect on Baladi (local) cheese quality

Rabih Kamleh, Raja Tannous and Elias El Maydaa

75

Antioxidant activity of tropical fruit jam and marmalade processed with different combinations of peel and flesh in *Citrus* fruit

Hiroyuki Yoshikawa, Asako Ogawa, Kimiaki Fukuhara and Satoru Kondo

78

Novel plantaricin UG1 production by *Lactobacillus plantarum* UG1 in enriched whey permeate in batch fermentation processes

Gamal Enan and Abdul Aziz Al Amri

85

Chemical composition and antibacterial and antimutagenic activities of four populations of *Rosmarinus officinalis* L. oils from Tunisia

Zohra Marzouk, Hédi Ben Mansour, Imed Chraief, Ridha Mosrati, Jihene Cheriaa, Aicha Neffati, Belsem Marzouk, Mounira Sfari, Kamel Boukef, Daniel Barillies and Leila Chekir Ghedira

89

Effects of different sources of heat on the quality of smoked fish

B. A. Oyewole, B. J. Agun and K. F. Omotayo

95

Near infrared spectroscopy, cluster and multivariate analysis - contributions to wine analysis

Wolfgang Guggenbichler, Christian W. Huck, Armin Kobler, Michael Popp and Günther K. Bonn

98

Effect of harvest dates and forced-air cooling on postharvest quality of apricot cv. *Precoc de Tyrinthe*

Tayfun Agar, Sevgi Paydaş, Orhan Büyükalaca, Okan Özkaya, Fırat Ekinci and Ferhan Küçükbaşmacı Sabır

101

Determination of technologic and sensory properties of cookies prepared with corn flour

Nermin Bilgiçli, Meryem Kara, Adem Elgün, Nilgün Ertay and M. Kürşç Demir

107

Peroxidase and polyphenoloxidase activities in uvaia fruit at different maturations stages

Edmar Clemente and José Maria Correia Costa

11

The safe feeding level of *Moringa oleifera* seedcake as a alternative protein source to livestock

A.M.V. Kakengi, M.N. Shem, S.V. Sarwatt, K. Hasegawa, Y. Sasaki, Hayashi and T. Fujihara

11