

Table of Contents

Volume 6 Number 1

January 2015

**Interaction between Live Yeast and Dietary Rumen Degradable Protein Level:
Effects on Diet Utilization in Early-Lactating Dairy Cows**

C. Julien, J. P. Marden, E. Auclair, R. Moncoulon, L. Cauquil, J. L. Peyraud, C. Bayourthe.....1

**Infestation of *Diatraea saccharalis* (Fabr.) during Five Consecutive Cycles of
Sugarcane Crop Succeeding Leguminous Crops**

E. J. Ambrosano, A. L. Lourenção, E. B. Wutke, F. Rossi, F. L. F. Dias, S. Tavares, G. M. B. Ambrosano.....14

**Differential Susceptibility of *Conyza bonariensis* Biotypes to Glyphosate
and ALS-Inhibiting Herbicides in Argentina**

E. Puricelli, D. Faccini, M. Metzler, P. Torres.....22

**Indigenous Fruit Trees of Tropical Africa: Status, Opportunity for
Development and Biodiversity Management**

R. O. Awodoyin, O. S. Olubode, J. U. Ogbu, R. B. Balogun, J. U. Nwawuisi, K. O. Orji.....31

**Aluminum and Glyphosate Can Synergistically Induce Pineal Gland
Pathology: Connection to Gut Dysbiosis and Neurological Disease**

S. Seneff, N. Swanson, C. Li.....42

**Information Extraction Method of Soil Salinity in Typical Areas of
the Yellow River Delta Based on Landsat Imagery**

T. R. Zhang, G. X. Zhao, C. Y. Chang, Z. R. Wang, P. Li, D. Y. An, J. C. Jia.....71

Comparative Analysis of Salinity-Induced Proteomic Changes in Cotton (*Gossypium hirsutum* L.)

Y. P. Cui, X. K. Lu, D. L. Wang, J. J. Wang, Z. J. Yin, W. L. Fan, S. A. Wang, W. W. Ye.....78

Plant Breeding for Harmony between Modern Agriculture Production and the Environment

J. C. Silva Dias.....87

**Compost and Compost Tea Management of Mini Watermelon Cultivations
Affects the Chemical, Physical and Sensory Assessment of the Fruits**

L. Liguori, C. Pane, D. Albanese, G. Celano, M. Zaccardelli, M. Di Matteo.....117

**Characterization of the Geographical and Varietal Origin of Wheat and Bread by
Means of Nuclear Magnetic Resonance (NMR), Isotope Ratio Mass
Spectrometry (IRMS) Methods and Chemometrics: A Review**

F. Longobardi, D. Sacco, G. Casiello, A. Ventrella, A. Sacco.....126

Yield and Quality Response of Ryegrass, Egyptian Clover and Their Mixtures to Different Sources of Fertilizers

A. T. Thalooth, G. A.-L. Sary, H. M. El-Nagar, M. F. El-Kramany, M. O. Kabesh, G. S. H. Bakhom.....137

Diazinon-Induced Clastogenity and Pathological Changes in Ovaries and Testes of *Clarias gariepinus*

O. E. Ola-Davies, A. F. Fagbohun, B. O. Emikpe, O. K. Adeyemo.....146

Potassium and Zinc in Relation to Improve Flax Varieties Yield and Yield Components as Grown under Sandy Soil Conditions

B. A. Bakry, O. A. Nofal, M. S. Zeidan, M. Hozayn.....152

Pendimethalin Residues from Weed Management in Dry Bean Can Cause Injury in Autumn Seeded Winter Wheat

N. Soltani, C. Shropshire, P. H. Sikkema.....159

Diagnosis of Boron Deficiency in Green Dwarf Coconut Palm

L. G. da Rocha Pinho, P. H. Monnerat, A. A. Pires, M. S. M. Freitas, C. R. Marciano.....164

Humic and Oxalic Acid Stimulates Grain Yield and Induces Accumulation of Plastidial Carbohydrate Metabolism Enzymes in Wheat Grown under Sandy Soil Conditions

H. M. El-Shabrawi, B. A. Bakry, M. A. Ahmed, M. Abou-El-Lail.....175