

Table of Contents

Volume 8 Number 1

January 2017

Developmental Changes of the Photochemical Reflectance Index (PRI), Chlorophyll Fluorescence and Leaf Pigments Show the Adaptability of Trees to Local Environments

H. Baek, U. Cho.....1

Relevance of Carbon Sequestration to the Physiological and Morphological Traits of Several Green Roof Plants during the First Year after Construction

T. Kuronuma, H. Watanabe.....14

Effect of Moisture Conservation Methods and Plant Density on the Productivity of Two Maize (*Zea mays* L.) Varieties under Semi-Arid Tropics of Hamelmalo, Eritrea

S. G. Okbagabir, N. N. Angiras, M. G. Biniam.....28

Alternancy Study on Rambutan (*Nephelium lappaceum* L.) Tree in Mexico

R. Joo-Pérez, C. H. Avendaño-Arrazate, A. Sandoval-Esquivel, S. Espinoza-Zaragoza, M. Alonso-Báez, J. L. Moreno-Martínez, R. Ariza-Flores, C. R. Morales-Nieto.....40

Effect of Flood Stress on Soybean Seed Germination in the Field

C. J. Wu, P. Y. Chen, W. Hummer, A. L. Zeng, M. Klepadlo.....53

Influence of Different Geomorphic Surfaces and Profile Modification on the Growth of *Maesopsis eminii* (Engl) at the Yongka Western Highlands Research Garden Park Nkwen-Bamenda, North West Cameroon

B. P. K. Yerima, R. K. Enang, C. A. Makem, N. Guehjung, G. M. Ayuk.....69