

Moroccan Journal of Agricultural Sciences



Moroccan Journal of Agricultural Sciences

Multidisciplinary journal

e-ISSN: 2550-553X - www.techagro.org

Vol. 3 (3)

September 2022

Table of contents

Crop Production and Environment

Potassium silicate for mitigation of irrigation water deficiency for Faba bean intercropped with sugar beet in a sandy soil

T. Noreldin, A. Abd-Allah.....139

Smallholder farmer aptitudes and perceptions about the impact of COVID-19 pandemic on agriculture in Morocco during the lockdown

R. Lahlali, S.-E. Laasli, S. El Kadili, F. Mokrini, S. Ennahli, I. Madani, M. El Jarroudi.....148

Morphological characterization of yam varietal group “Pémonon” of *D. cayenensis-rotundata* species in Burkina Faso

S. Sory, R. E. Traore, N. Sawadogo, D. Tiama, A. Zerbo, M. Sawadogo.....157

Natural Resources and Forestry

Impacts of forest pests on wood production in *Khaya senegalensis* plantations established in three climatic regions of Benin

A. K. G. Djotan, K. Fukuda, N. Matsushita, A. K. N. Aoudji, J. C. Ganglo.....164

Fisheries and Aquaculture

Exposure to herbicide Atrazine impairs growth and energy budget in African Catfish *Clarias gariepinus* fingerlings

P. Agbohessi, M. A. B. Houndji, E. O. R. Pelebe, I. Imorou Toko.....174

Life cycle assessment of Co-culture of *Clarias gariepinus* and *Oreochromis niloticus* in the whedos of Ouémé delta in Benin

H. A. Elegbe, P. Agbohessi, A. F. Amian, T. Efole Ewoukem, A. Chikou, I. Imorou Toko.....182

Nutrition and Food Technology

Essential oil chemical diversity of Moroccan mint (*Mentha spicata* L.)

C. El Anbri, T. Eddaya, A. Boughdad, P. Chaimbault, A. Zaid.....189

Physico-chemical properties of crude oil of *Khaya senegalensis* (Desr.) A. Juss according to bioclimatic zones in Chad

A. M. Langa, E. A. Pandonou, G. C. Akabassi, A. B. Akakpo, R. Idohou, A. E. Assogbadjo.....203