



Agricultural Sciences



Journal Editorial Board

ISSN Print: 2156-8553 ISSN Online: 2156-8561 http://www.scirp.org/journal/as

.....

Editor-in-Chief

Prof. Daniele De Wrachien State University of Milan, Italy

Executive Editor-in-Chief

Prof. Mudlagiri B. Goli Mississippi Valley State University, USA

Editorial Board

Prof. Said Elshahat Abdallah Kafrelsheikh University, Egypt

Prof. Abdulrasoul Alomran King Saud University, Saudi Arabia

Dr. Aziz AzizUniversity of Reims, France

Prof. Nacer Bellaloui Crop Genetics Research Unit, USA

Dr. Oguz Dolgun Adnan Menderes University, Turkey

Prof. Carlo Duso University of Padua, Italy

Prof. Dionisios Gasparatos Aristotle University of Thessaloniki, Greece

Prof. Ghanshyam D. Heda Mississippi University for Women, USA

Prof. Hongqing HuHuazhong Agricultural University, China

Prof. Chung L. Huang The University of Georgia, USA

Prof. Chao Liang University of Wisconsin-Madison, USA

Prof. Giulio Lorenzini University of Parma, Italy

Prof. Junhua Peng Chinese Academy of Sciences, China

Prof. Elena Petrushkina Russian Academy of Sciences, Russia

Prof. Maria Cristina Marcucci Ribeiro Anhanguera-Uniban University, Brazil

Prof. Uttam Saha University of Georgia, USA

Prof. Ram Roshan Sharma Indian Agricultural Research Institute, India

Prof. Allan T. Showler Kika de la Garza Subtropical Agricultural Research Center, USA

Prof. Wenjun Zhang Sun Yat-sen University, China



ISSN Online: 2156-8561 ISSN Print: 2156-8553

Table of Contents

Volume 10	Number 5	May 2019
	ical and Soil Criteria for Defining Workable Days hanized Sugarcane Harvest in Southern Brazil	
L. H. de S. Vieira	a, P. C. Sentelhas, A. B. Pereira	597
=	ity of Tomato (<i>Lycopersicon lycopersicum</i> L.) Varieties as Influence plication of Human Urine and Rock Phosphate	d
A. S. Egbebi, E. A	A. Akinrinde	622
	of Angiotensin-Converting Enzyme before eservation of Gir Semen	
F. H. G. Furtado,	F. J. C. Faria, E. F. Santos, R. G. Almeida, D. S. Costa	638
Influence of Bent	tonite and MB4 on the Chemical Characteristics of an Oxisol	
G. A. Tito, L. H. G	G. Chaves, F. G. Souza, A. R. Cavalcante, J. D. Fernandes, A. C. F. de Vasconce	los651
Laying Egg Produ	uction Supplemented with Antioxidants: An Economical View	
•	P. B. Saldanha, J. R. Sartori, E. Gonzales, L. Luciano, G. Zanatta, A. Azevedo	665
	assava Mosaic Begomovirus New Species and <i>Ageratum</i> soon Virus on Pepper (<i>Capsicum annuum</i> L.) in Togo	
K. A. Dansou-Ko	djo, A. S. Mivedor, K. D. Adjata, J. Duclercq, Y. M. D. Gumedzoe	671
The Situation and	d Challenges of Pineapple Industry in China	
H. Y. Shu, W. Sur	n, K. M. Li, G. Y. Xu, R. L. Zhan, S. H. Chang	683
	ing the Adaptation Decisions to Impacts of Climate Change ai Pastoral Community in Narok County, Kenya	
J. C. Korir, E. Ng	genoh	689

Agricultural Sciences (AS)

Journal Information

SUBSCRIPTIONS

The *Agricultural Sciences* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per copy.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail:sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2019 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:

Copyright © 2019 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: as@scirp.org



Call for Papers

Agricultural Sciences

ISSN Print: 2156-8553 ISSN Online: 2156-8561 http://www.scirp.org/journal/as

Agricultural Sciences (AS) is an international refereed journal dedicated to the latest agricultural science. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas.

Editor-in-Chief

Prof. Daniele De Wrachien

Executive Editor-in-Chief

Prof. Mudlagiri B. Goli

Editorial Board

Prof. Said Elshahat Abdallah Prof. Abdulrasoul Alomran Dr. Aziz Aziz

Prof. Nacer Bellaloui Dr. Oguz Dolgun Prof. Carlo Duso

Prof. Dionisios Gasparatos

Prof. Ghanshyam D. Heda Prof. Hongqing Hu Prof. Chung L. Huang

Prof. Chao Liang Prof. Giulio Lorenzini Prof. Junhua Peng

Prof. Elena Petrushkina

Prof. Maria Cristina Marcucci Ribeiro

Prof. Uttam Saha

Prof. Ram Roshan Sharma Prof. Allan T. Showler Prof. Wenjun Zhang

Subject Coverage

This journal invites original research and review papers that address the following issues in agricultural sciences. Topics of interest include, but are not limited to:

Agricultural Biodiversity

Agricultural Botany

Agricultural Ecology

Agricultural Economics

Agricultural Electrification and Automation

Agricultural Entomology

Agricultural Genomics

Agricultural Production

Agricultural Resources

Agrochemistry

Agrology

Agronomy

Animal Breeding and Nutrition

Aquaculture

Biological Engineering

Breeding Genetics and Pathology

Crop Physiology and Science

- Dairy Farming
- Energy Agriculture
- Environmental Hydrology
- Fertilization, Breeding and Protection of Plants
- Horticulture
- Husbandry Science
- Irrigation Management
- Modelling of Crop and Animal Systems
- Organic Agriculture
- Plant Breeding Genetics and Pathology
- Plant Nutrition
- Plant Protection
- Security of Genetically Modified Agricultural Organisms

E-mail: as@scirp.org

- Soil Science and Soil Land Use
- Soil-Plant Relationships
- Sustainable Rural Development
- Theoretical Production Ecology

We are also interested in: 1) Short Reports—2 to 5 pages where the paper is intended to present either an original idea with theoretical treatment or preliminary data and results; 2) Book Reviews—Comments and critiques of recently published books in agricultural sciences.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

http://www.scirp.org/journal/as

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org
Subscription: sub@scirp.org

Advertisement: service@scirp.org