

Malaysian Journal of Sustainable Agriculture (MJSA)

HEAD OFFICE ADDRESS:

Zibeline International Publishing Sdn Bhd

C2-2-3, Block 2, CBD Perdana 3,
Persiaran Cyberpoint Timur,
Cyber 12, 63000 Cyberjaya,
Selangor.

Tel: +603-86879842

EDITORIAL STAFF:

Publishing Manager

Tasbia Ab Rajul

Publishing Editor

Farah Awanis Md Radzi

Publishing Editor

Nurul Afiah Ab Manan

Technical Editor

Nuruljannah Kamarudin

Technical Editor

Fakhruddin Che Fauzi

Frequency:

Bi-annual (2 issue per year)

ISSN: 2521-2931 (Print)

ISSN: 2521-294X (Online)

Price:

Single issue: 50 MYR

Price for abroad

Single issue: 25 USD

Web:

www.myjsustainagri.com

E-mail:

info@zibelinepub.com

Contents

VOLUME 5, ISSUE 1, 2021		
No	Editorial	Pages
1	EFFECT OF VARIETIES AND DIFFERENT SOURCES OF NITROGEN FERTILIZER ON YIELD AND YIELD CONTRIBUTING CHARACTERS OF BABY CORN	01-05
2	EVALUATION OF RICE GENOTYPE AGAINST LEAF FOLDER, CASE WORM AND GRASSHOPPER DESECRATION UNDER FIELD CONDITION	06-09
3	ASSESSMENT OF INFESTATION OF SPODOPTERA FRUGIPERDA (J.E. SMITH) ON MAIZE AND ITS IMPLEMENTED MANAGEMENT PRACTICES WITH THEIR EFFICACY IN KAILALI, NEPAL	10-15
4	PROMISING EARLY PLANTING AND STRESS-TOLERANT POTATO GENOTYPES FOR NORTHERN BANGLADESH	16-20
5	FIRST RECORD OF HERMETIA ILLUCENS (LINNAEUS, 1758) – BLACK SOLDIER FLY, FROM NEPAL	21-23
6	MOISTURE CONTENT AND VARIETY OF JUTE SEED IS AFFECTED BY LONG TERM SEED STORAGE	24-28
7	INFLUENCE OF MUNICIPAL SOLID WASTE COMPOST ON YIELD OF TOMATO- APPLIED SOLELY AND IN COMBINATION WITH INORGANIC FERTILIZER WHERE NITROGEN IS THE ONLY VARIABLE FACTOR	29-33
8	INTEGRATED LAND COVER AND TERRAIN ANALYSIS FOR SUSTAINABLE LAND USE PLANNING AT WATERSHED SCALE: A CASE STUDY OF BAN DAN NA KHAM WATERSHED OF NORTHERN THAILAND	34-42
9	NUTRIENT COMBINATION WITH BIOCHAR: IMPROVING YIELD AND QUALITY OF JUTE SEED	43-50
10	FARM SIZE EFFICIENCY DIFFERENTIALS OF BIO-FORTIFIED CASSAVA PRODUCTION IN NIGERIA: A STOCHASTIC FRONTIER ANALYSIS APPROACH	51-60

Editorial

Malaysian Journal of Sustainable Agricultural (MJSA) is a cross-disciplinary, peer-reviewed journal dedicated to advancing the understanding of sustainability in agricultural and food systems. MJSA publishes papers concerned with the advance of agriculture and the use of land resources throughout the world. MJSA publishes both theoretical developments and critical appraisals of new evidence on what is not sustainable about current or past agricultural and food systems, as well as on transitions towards agricultural and rural sustainability at farm, community, regional, national and international levels, and through food supply chains. It is committed to clear and consistent use of language and logic, and the use of appropriate evidence to substantiate empirical statements. It publishes original scientific work related to strategic and applied studies in all aspects of agricultural science and exploited species, as well as reviews of scientific topics of current agricultural relevance.

Scientific Board

Editorial Team

Editor in Chief

Dr Fridelina Sjahrir
Faculty of Engineering and Life Sciences
Bestari Jaya, Selangor Darul Ehsan, Malaysia

Assoc. Professor. Dr. Saidatulakmal Mohd
Deputy Dean (Research, Postgraduates &
Networking)
School of Social Sciences Universiti Sains Malaysia
11800 Penang, MALAYSIA

Managing Editor

Dr Yazmin Bustami
School Of Biological Sciences,
Universiti Sains Malaysia, Penang, Malaysia

Jiban Shrestha
Scientist Nepal Agricultural Research Council
National Maize Research Program
Rampur, Chitwan, Nepal

Dr. Nadirah Musa
School Of Fisheries And Aquaculture Sciences
Universiti Malaysia Terengganu
Kuala Terengganu, Terengganu, Malaysia

Associate Editor

Dr. Gab Olulakin Adesina
Department of Crop and Environmental
Production
Ladoke Akintola University of Technology
Oyo, -State, Nigeria

Editorial Board

Professor. Dr. Baharuddin Salleh
Universiti Sains Malaysia
Pulau Pinang

Professor. Dr. Ghizan Saleh
University College Of Agroscience
Malaysia(Ucam), Malaysia

Professor. Dr. Idris Abd Ghani
Universiti Kebangsaan Malaysia,
Malaysia

Professor. C Sivayoganathan
University Of Peradeniya, Sri Lanka

Professor. S L Ranamukaarachchi
Asian Institute Of Technology, Thailand

Professor. M J S Wijeratne
University Of Kelaniya, Sri Lanka

Professor. S A B A Jayasekara
Wayamba University Of Sri Lanka, Sri Lanka

Professor. Colin N. Peiris
University Of Peradeniya, Sri Lanka

Professor. K K D S Ranaweera
University Of Sri Jayawardenapura, Sri Lanka

Professor. U K Jayasinghe-Mudalige
Wayamba University Of Sri Lanka, Sri Lanka

Professor. A A Y Amarasinghe
Sabaragamuwa University Of Sri Lanka, Sri Lanka

Professor. Lal Vidana Arachchi
Sabaragamuwa University of Sri Lanka, Sri Lanka

Professor. D M A Gunarathne
Sabaragamuwa University of Sri Lanka, Sri Lanka

Malaysian Journal of Sustainable Agriculture (MJSA)

Professor. Mirza Barjees Baig
King Saud University, Saudi Arabia

Professor. Gary S. Straquadine
The Ohio State University, Usa

Professor. Faisal Sultan Al-Subaiee
King Saud University, Saudi Arabia

Professor. Serafin L Nghayon
Ifugao State University, Philippines

Professor. Deirdre Lemerle
Charles Sturt University, Australia

Professor. Shabbir A Shahid
International Center For Biosaline
Agriculture, United Arabs Emirates

Professor. Dr. Khan Bahadar Marwat
The University Of Agriculture, Pakistan

Professor. Sandra Arifin Aziz
Bogor Agricultural University, Indonesia

Professor. Naoki Yamauchi
Yamaguchi University, Japan

Professor. Masayoshi Shigyo
Yamaguchi University, Japan

Dr. Robert Blakemore
Hanyang University, South Korea

Professor Madya Dr Connie F. Komilus
University Sultan Zainal Abidin,
Malaysia Terengganu, Malaysia

Dr. Ha How Chew
University Sultan Zainal Abidin,
Malaysia Terengganu, Malaysia

Dr. Ajar Nath Yadav
Eternal University, Baru Sahib,
Himachal Pradesh, India

Dr. A K M Mominul Islam
Department Of Agronomy Bangladesh Agricultural
University, Mymensingh-2202, Bangladesh

Professor. Mahinda Wijeratne
University Of Ruhuna, Sri Lanka