## **Journal of Advanced Agricultural Technologies**

## **CONTENTS**

## Volume 4, Number 2, June 2017

Agriculture Technology and Management Crops Planting Information Retrieval at Farmland Plot Scale Using Multi-Sources Satellite Data
Autonomous Winter Wheat Variety Selection System
Factors Influencing Productivity and Technical Efficiency of Rice Farmers in Isabela, Philippines
Development of a Universal Seeder System to Be Applied in Drones
Organic Fertilizer Value Chain Opportunities and Challenges in Cagayan Valley, Philippines
Effects of Climate Change in Farming Practices: The Case of Selected Barangays in San Mateo, Isabela 134  Annlouise Genevieve M. Castro and Mario R. Delos Reyes
Plant Physiology and Plant Breeding The Cultivation of Flammulina velutipes by Using Sunflower Residues as Mushroom Substrate140 Manisa Sangkaew and Katsuki Koh
Wheat Performance Evaluation at Drought Environment
Do Phytohormones Influence the Grain Quality and Yield of Winter Wheat under Drought Conditions?151 Mojde Sedaghat, Zeinolabedin Tahmasebi Sarvestani, Yahya Emam, and Ali Mokhtassi Bidgoli
Screening of Mungbean Genotypes for Drought Tolerance Using Different Water Potential Levels
Potential of Fermented Sweet Corn Stover as a Substitute for Corncob in Mushroom (Flammulina velutipes) Substrate
Food Science and Engineering
Filter Membrane Separation and Purification of Jatropha Protein Extraction Solution
Livestock Products Food Expenditure Pattern in Indonesia: Estimation Analysis from Repeated Cross-Section Data
Mujtahidah Anggriani Ummul Muzayyanah, Sudi Nurtini, Rini Widiati, Suci P. Syahlani, and Tri A. Kusumastuti

Effects of High Oleic Acid Sunflower Oil on Egg Quality and Fatty Acid Composition of Egg Yolk in Laying
Hens
Manisa Sangkaew, Mustanur Rahman, and Katsuki Koh
Potential of Iron Fortification Complex Compounds against Soybean Food for Anemia Problem Solution in
Indonesia
Muhammad Arif Darmawan, Nadia Nahla Karima, and Nurun Nisa Maulida
Rural Household Food Security Status among Indigenous Leafy Vegetables Producers and Non Producers:
Evidence from Coffee Bay, South Africa
A. Mayekiso, A. Taruvinga, and A. Mushunje
Animal Science
Performance of Broiler Farmer in Partnerships System at Surakarta, Indonesia
Sudi Nurtini, Mujtahidah A. U. Muzayyanah, F. Trisakti Haryadi, and Abdul Hakim