

Volume 6. No. 1. June 2022



UNIVERSITAS  
SEBELAS MARET



# PRIMA

Journal of Community Empowering and Services

Published by:  
Faculty of Agriculture  
Universitas Sebelas Maret



[jurnalprima@mail.uns.ac.id](mailto:jurnalprima@mail.uns.ac.id)



Fakultas Pertanian, Universitas Sebelas Maret  
Jl. Ir. Sutami 36A, Kentingan, Surakarta



(0271) 632477



<https://jurnal.uns.ac.id/prima>

ISSN 2579-5074 (Online)

# PRIMA: Journal of Community Empowering and Services

ISSN: 2579-5074 (Online)

Volume 6, No. 1, June 2022, page 1-78

---

**PRIMA: Journal of Community Empowering and Services** is an open-access academic journal published by the Faculty of Agriculture, Universitas Sebelas Maret Surakarta. This journal has two issues in a year and it will be published in June and December.

**PRIMA: Journal of Community Empowering and Services** is a scientific journal that publishes the result of thoughts and activities on empowerment and community service with the focus communities as an employer in the field of agriculture with the scopes are: cultivation, plant protection, food technology, animal husbandry, soil science, agricultural extension and communication, social agricultural economics, fisheries, plantation, forestry. The other fields whose activity targets are farmer community.

## EDITORIAL TEAM

### Editor In Chief

**Prof. Dr. Ir. Sudadi, M.P.** Department of Soil Science, Faculty of Agriculture, Sebelas Maret University, Indonesia; (Scopus Author ID: 57190729277).

### Managing Editor

**Aktavia Herawati**, Department of Soil Science, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57201682386).

### Editorial Board

**Fahmi Wirtamarta Kifli**, Institut Pertanian STIPER, Yogyakarta, Indonesia

**Valensi Kautsar**, Yamagata University, Japan

**Nasih Widya Yuwono**, Faculty of Agriculture, Gadjah Mada University, Indonesia

**Dr. Dani Lukman Hakim**, Faculty of Agriculture, Universitas Galuh, Indonesia

**Erlyna Wida Riptanti**, Department of Agribusiness, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57194408587)

**Ardhea Mustika Sari**, Department of Food Science and Technology, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57194411103)

**Dwi Ishartani**, Department of Food Science and Technology, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57194415072)

**Yuli Yanti**, Animal Science Department, Faculty of Agriculture, Sebelas Maret University, Indonesia; (Scopus Author ID: 57202087620)

**Eksa Rusdiyana**, Department of Extension and Agricultural Communication, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus ID: 57201688781)

**Ganjar Herdiansyah**, Department of Soil Science, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57202308911)

**Isti Khomah**, Department of Agribusiness, Universitas Sebelas Maret, Indonesia; (SCOPUS Author ID: 57207763258)

### Peer Reviewers

**Johanna Suek**, Universitas Nusa Cendana, Indonesia

**Lia Umi Khasanah**, Department of Food Science and Technology, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57156607900; H-index:4)

**Dr. Mohamad Hasirudin**, Department of Agribusiness, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia (Scopus Author ID: 56073919700)

**Dr. Mujiyo, S.P., M.P.**, Department of Soil Sciences, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus ID: 57192577929)

**Joko Sutrisno**, Department of Agribusiness, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia (Scopus Author ID: 57212481943)

**Prof. Hadiwiyono**, Department of Agrotechnology, Faculty of Agriculture, Universitas Sebelas Maret (UNS), Indonesia

**Setyaningrum Ariviani**, Program Studi Ilmu Dan Teknologi Pangan, Fakultas Pertanian Universitas Sebelas Maret, Indonesia

**Dr. Umi Barokah**, Program Studi Agribisnis, Fakultas Pertanian, Universitas Sebelas Maret Surakarta, Indonesia

**Dr. Lukas Martindro Satrio Ari Wibowo**, Politeknik ATK Yogyakarta, Indonesia

**Dr. Sutrisno Hadi Purnomo**, Department of Animal Science, Universitas Sebelas Maret, Indonesia

**Dr. Joko Riyanto**, Department of Animal Science, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57200729471)

**Dr. Merry Muspita Dyah Utami**, Department of Animal Science, Politeknik Negeri Jember, Indonesia; (Scopus Author ID: 57216711899)

**Ari Kusuma Wati**, Department of Animal Science, Universitas Sebelas Maret, Indonesia

**Dr. Suminah**, Department of Extension and Agricultural Communication, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus ID: 57201691422)

**Choiroel Anam**, Department of Food Science and Technology, Faculty of Agriculture, Sebelas Maret University, Indonesia; (Scopus Author ID: 57194415838)

**Muhammad Zukhrufuz Zaman**, Department of Food Science and Technology, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 36572716300)

**Dr. Komariah**, Department of Soil Science, Faculty of Agriculture, Universitas Sebelas Maret; (Scopus Author ID: 48661102400), Indonesia

**Sulistiono**, Program Studi Teknologi Hasil Perikanan - Universitas PGRI Banyuwangi, Indonesia

**Dr. Jauhari Syamsiyah**, Department of Soil Science, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57192415870)

**Supriyono**, Department of Agrotechnology, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57201778008)

**Hery Widijanto**, Department of Soil Science, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia (Scopus Author ID: 56698394500)

**Dr. Widyatmani Sih Dewi**, Agriculture Faculty, Sebelas Maret University, Indonesia; (Scopus Author ID: 8696246800)

**Sumani**, Department of Soil Science, Faculty of Agriculture, Sebelas Maret Surakarta, Indonesia; (Scopus Author ID: 57197802710)

**Asri Nursiwi**, Department of Food Science and Technology, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57193126705)

**Eso Solihin**, Department of Soil Science and Land Resource, Faculty of Agriculture, Universitas Padjadjaran, Indonesia; (Scopus Author ID: 57214072643)

**Assistant Editor**

**Sidik Pramono**, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia.

**Isna Luthfa Haniati**, Faculty of Agriculture, Universitas Sebelas Maret, Indonesia; (Scopus Author ID: 57211905639)

**EDITORIAL ADDRESS**

Faculty of Agriculture, Universitas Sebelas Maret

Jalan Ir. Sutami, No. 36A Kentingan, Jebres, Surakarta, 57126, Central Java, Indonesia

E-mail : [jurnalprima@mail.uns.ac.id](mailto:jurnalprima@mail.uns.ac.id)

Website : <https://jurnal.uns.ac.id/prima>

## TABLE OF CONTENTS

<b>Pemanfaatan Lahan Pekarangan untuk Budidaya Pakcoy Sistem Vertikultur pada KWT Mawar di Desa Kuaken Kabupaten Timor Tengah Utara</b> <i>Krisantus Tri Pambudi Raharjo, Wilda Lumban Tobing, Boanerges Putra Sipayung, Asep Ikhsan Gumelar, Deseriana Bria, Marinus Kofi, Adolfianus Nino, Imanuel Seran.....</i>	1-7
<b>Pendampingan Pembibitan Jambu Mete Unggul Lokal di Klaster Mete Wonogiri</b> <i>Bambang Pujiasmanto, Trijono Djoko Sulisty, Supriyono Supriyono, Eko Murniyanto.....</i>	8-13
<b>Aplikasi Teknologi Floating Catfish Pellet Sebagai Solusi Pemanfaatan Larva Black Soldier Fly di Mitra Usaha Mazgot BSF Boyolali</b> <i>Agung Budiharjo, Adi Magna Patriadi Nuhriawangsa, Lilik Retna Kartikasari, Bayu Setya Hertanto.....</i>	14-22
<b>Budidaya Kopi Arabika di Desa Jayagiri sebagai Hasil Penilaian Evaluasi Kesesuaian Lahan</b> <i>Hafizh Mariant, Mujiyo Mujiyo, Sutarno Sutarno, Lidya Zaella Wijaya, Khoerunnisa Amaliah Syamsuddin, Balina Dita Eisy Prashanti Nugroho.....</i>	23-29
<b>Penerapan Teknologi Budidaya Sayuran Ramah Lingkungan dengan Wadah Limbah Plastik di Kelurahan Tanjung Johor Kota Jambi</b> <i>Eliyanti Eliyanti, Zulkarnain Zulkarnain, Budiyati Ichwan.....</i>	30-36
<b>Pelatihan Pembuatan Cairan Serbaguna Eco-Enzyme dari Sampah Organik dan Cara Pemanfaatannya di Desa Gondangmanis, Bae, Kudus</b> <i>Farida Yuliani, Diana Kristiowati, Chris Hermyantono.....</i>	37-45
<b>Pemberdayaan Ibu-ibu PKK di Kelurahan Tawangrejo Wonogiri dengan Pelatihan Pembuatan Nugget dan Sosis yang Mengandung Serat</b> <i>Yuli Yanti, Joko Riyanto, Ratih Dewanti, Muhammad Cahyadi, Ari Kusuma Wati, Wari Pawestri.....</i>	46-53
<b>Pendampingan Usaha Ayam Ungkep Beku pada UKM Mbok Sri Kabupaten Sukoharjo pada Masa Pandemi Covid-19</b> <i>Wara Pratitis Sabar Suprayogi, Adi Ratriyanto, Dian Rachmawanti Affandi, Novi Akhirini, Agung Irawan.....</i>	54-61
<b>The Application of Appropriate Technology for Basreng Crackers Dough Mixer Machine for Home Industry Development</b> <i>Erlina Wida Riptanti, Kusnandar Kusnandar, Isti Khomah, Raden Rara Aulia Qonita.....</i>	62-70
<b>Pelatihan Pemanfaatan Kulit Kedelai menjadi Biskuit untuk Meningkatkan Keterampilan Pengrajin Tempe Desa Parerejo Pasuruan</b> <i>Jariyah Jariyah, Kindriari Nurma W, Marisa Kusuma Wardani, Adiyani Parahita Lestari.....</i>	71-78