

Prof . Dr. Ir. Marheni, MP

Lecturer of Undergraduate Program in Agrotechnology Study Program
Faculty of Agriculture
Universitas Sumatera Utara

✉ marheni@usu.ac.id

🏢 [USU Faculty of Agriculture](#)

🌐 fp.usu.ac.id/en/lecturer/marheni

Prof. Dr. Ir. Marheni, M.P., born in Medan on July 24, 1965, is an Agrotechnology lecturer at the Universitas Sumatera Utara with expertise in entomology. She completed her last education with a doctoral degree in the Plant Pest Science Study Program at the Faculty of Agriculture, Gadjah Mada University, in 2012.

Awards achieved by Prof. Dr. Ir. Marheni, M.P., include the Best Paper Award at the 2nd International Plantation Conference (IPC) in 2021 at Universiti Teknologi Mara. Her dedication to research and teaching reflects her commitment to understanding and managing plant pests, which are crucial in agriculture at the Universitas Sumatera Utara.

Publications

2025

Jurnal internasional bereputasi

Refugia Plants with volatile Compounds in oil palm plantation areas using GC-MS analysis

MARHENI

2025

Book chapter internasional

Natural Resources, Environment, Food and Energy Security Updates in North Sumatra

ZULKIFLI , MARHENI

2025

Artikel ilmiah

Effect of Different Growing Media on the Growth of Cellulolytic Bacteria from Oryctes rhinoceros Larva

MARHENI

2025

Jurnal nasional terakreditasi

Biology of Cellulosic Bacteria from Hindgut Oryctes rhinoceros as Antagonistic Agent of Ganoderma boninense in Vitro

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2025

Jurnal nasional terakreditasi

Biology of Cellulosic Bacteria from Hindgut Oryctes rhinoceros as Antagonistic Agent of Ganoderma boninense In Vitro

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2025

Jurnal nasional

Entrepreneur Diffable (Entredif) Training to Support the Economy and Welfare of the Disability Community

MARHENI

2025

Jurnal nasional

Evaluation of the Insecticidal Activity of Lerak-Based Surfactant and Mahogany (*Swietenia macrophylla*) and Sugar Apple (*Annona squamosa*) Seed Extracts with Different Solvents on *Spodoptera frugiperda* Mortality

MARHENI

2025

Jurnal internasional bereputasi

Evaluating the potential of gut bacteria in *Oryctes rhinoceros* larvae as biocontrol agents against *Ganoderma boninense* pathogen in oil palm plantations

MARHENI

2024

Prosiding seminar internasional

The presence of insects before and after using the herbicides ammonium glufosinate and methyl metsulfurone in various doses

EDISON PURBA , MARHENI

2024

Prosiding seminar internasional

The presence of insects before and after using the herbicides ammonium glufosinate and methyl metsulfurone in various doses

MARHENI , EDISON PURBA

2024

Buku referensi

HAMA PENGGEREK PUCUK BATANG KELAPA SAWIT *Oryctes rhinoceros* (L) PERTANAMAN KELAPA SAWIT

MARHENI

2023

Prosiding seminar internasional

Potential of Refugia Plants as Microhabitat for Predator *Sycanus* sp

EDISON PURBA , MARHENI

2023

Jurnal internasional bereputasi

Effectiveness of different types of traps of different heights against fruit flies (*Bactrocera* spp.) on guava plants (*Psidium guajava* L.)

MARHENI

2023

Prosiding seminar internasional

Effectiveness of Diffrent Types of Traps of Diffrent Heights Againt Fruit Flies (*Bactrocera* spp.) on Guava Plants (*Psidium guajava* L.)

MARHENI

2022

Jurnal internasional

Predator Propagation Technique *Sycanus dichotomus* (Hemiptera: Reduviidae) in Laboratory

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2022

Jurnal internasional

Prey preference of *Myopopone castanea* (hymenoptera: formicidae) toward larvae *Oryctes rhinoceros* Linn (coleoptera: scarabidae)

MARHENI

2022

Jurnal nasional terakreditasi

Intensitas dan Persentase Serangan *Spodoptera frugiperda* J.E. Smith (Lepidoptera : Noctuidae) Pada Beberapa Varietas Jagung di Kecamatan Namorambe Kabupaten Deli Serdang

MARHENI

2022

Jurnal nasional terakreditasi

Intensitas dan persentase serangan Spodoptera frugiperda J.E. Smith (Lepidoptera : Noctuidae) pada beberapa varietas jagung di Kecamatan Namorambe Kabupaten Deli Serdang

MARHENI , AMEILIA ZULIYANTI SIREGAR

2022

Prosiding seminar internasional

Predation Behaviour of Mypopone castaneae SMITH ant against some insect larvae in the Laboratory

MARHENI

2022

Artikel ilmiah

Increasing Growth And Production of Corn (Zea Mays L.) With Different Planting Point Patterns and Management of Weeds

MARHENI

2021

Jurnal internasional

ROLE OF BACTERIAL SYMBIONTâ€™S OF THE LARVAE ORYCTES RHINOCEROS L. WITH ADDITIONAL BIOACTIVATORS AS A DECOMPOSER FOR OIL PALM EMPTY FRUIT BUNCHES IN THE FIELD

MARHENI , IRDA SAFNI

2021

Prosiding seminar internasional

Role of bacterial symbionts of larvae Oryctes rhinoceros L. and microbial decomposer on composting of empty bunch of oil palm in big hole planting system

ABDUL RAUF , MARHENI

2021

Jurnal internasional bereputasi

Exploration of Symbiotic Bacteria of Oryctes rhinoceros (Coleoptera: Scarabaeidae) Larvae from Oil Palm Empty Fruit Bunches

MARHENI

2020

Jurnal internasional bereputasi

Biological aspects of Mypopone castanea on itâ€™s prey Oryctes rhinoceros larvae

MARYANI CYCCU TOBING , MARHENI

2020

Jurnal nasional

Diversity index of insect species on sorghum plantations in Kolam village, Percut Sei Tuan district, Deli Serdang

AMEILIA ZULIYANTI SIREGAR , MARHENI

2020

Jurnal internasional bereputasi

Functional Response of Mypoponecastanea(Hymenoptera Formicidae) on Prey Oryctes rhinoceros (Coleoptera Scarabaeidae)

MARHENI , MARYANI CYCCU TOBING

2019

Prosiding seminar internasional

Bacillus stratosphericus from Oryctes rhinoceros larvae as decomposer of oil palm empty fruit bunches

MARHENI

2019

Prosiding seminar internasional

Abiotic environment of myopopone castanea (hymenoptera: formicidae) in oil palm plantation

MARHENI , MARYANI CYCCU TOBING

2019

Jurnal nasional terakreditasi

Identification of Termites's Hindgut Bacterial Symbionts (Coptotermes curvignathus Holmgren) and the Feasibility in Rice Straw Decomposting

MARHENI

2019

Jurnal internasional bereputasi

MICROHABITAT CHARACTERISTICS OF MYOPOPONE CASTANEA (HYMENOPTERA FORMICIDAE) IN OIL PALM PLANTATION

MARYANI CYCCU TOBING , MARHENI

2018

Jurnal internasional

The potential of Myopopone castanea (Hymenoptera: Formicidae) as a predator for Oryctes rhinoceros Linn. larvae (Coleoptera: Scarabaeidae)

MARYANI CYCCU TOBING , MARHENI

2018

Prosiding seminar internasional

Insect management with refugia plant in upland rice (Oryza sativa L.)

MARHENI , EDISON PURBA

2018

Prosiding seminar internasional

The Comparison of Lepidoptera Population Interested in the Traps with Plant-based Attractants in the Oil Palm of Plantation

MARHENI

2018

Prosiding seminar nasional

Perilaku Bactrocera dorsalis terhadap limbah dan perbedaan warna kulit buah jeruk

MARHENI

2018

Prosiding seminar nasional

PENGUNAAN TANAMAN Tagetes erecta L. DALAM MENINGKATKAN KEHADIRAN SERANGGA PENYERBUK DAN MENGURANGI POPULASI HAMA KUTU KEBUL (Bemisia tabaci Genn.) PADA TANAMAN CABAI MERAH DI KABUPATEN DELI SERDANG

MARHENI

2017

Prosiding seminar nasional

Identifikasi Keanekaragaman Musuh Alami Dengan Menggunakan Tanaman Perangkap Dalam Mengurangi Populasi Kutu Kebul Pada Pertanaman Cabai Merah

MARHENI

2016

Prosiding seminar internasional

Map Distribution of Intial Attack White Roots Fungus (WRF) (Rigidoporus Microporus) (Swartz:FR) Rubber Plantation In A Few People In The Labuhanbatu District

MARHENI

2014

Prosiding seminar nasional

Musuh Alami Oryctesrhinoceros Pada Pertanaman Kelapa Sawit

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2010

Prosiding seminar nasional

Pengaruh Faktor Lingkungan Terhadap Kepadatan *Oryctes rhinoceros* L. Pada Pertanaman Kelapa Sawit

MARHENI

Community Services

2020

Pemanfaatan Sisa Pertanian Untuk Mendukung Kesejahteraan Petani Sayuran Pada Masa Pandemic Covid 19 di Desa Bukit Kecamatan Dolat Rakyat Kabupaten Karo.

MARHENI , EDISON PURBA , ANTONIO SIPAYUNG , OKTAVIANUS SINURAYA , OCTANINA SARI SIJABAT
