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Lisnawita, akrab dipanggil Ita, lahir di Kuala Simpang pada 5 Oktober 1969, merupakan seorang dosen di Program Studi Agroteknologi, Fakultas Pertanian Universitas Sumatera Utara. Fokus utamanya adalah studi dalam bidang ilmu penyakit tanaman (Fitopatologi), dengan spesialisasi pada jamur (fungi) dan nematoda pada tumbuhan.

Pendidikan tingginya mencakup:

- S1 Hama dan Penyakit Tumbuhan, Universitas Sumatera Utara

- S2 Fitopatologi, Institut Pertanian Bogor

- S3 Fitopatologi, Institut Pertanian Bogor

Dengan pengalaman dan pengetahuan mendalamnya, Ita berperan aktif dalam mengajarkan dan mengembangkan ilmu penyakit tanaman di lingkungan akademis. Profilnya mencerminkan dedikasi tinggi terhadap bidang mikologi dan nematologi serta kontribusinya dalam mencetak generasi muda yang kompeten di Fakultas Pertanian USU.

Publications

2026
Artikel ilmiah

Spesies Serangga Penyerbuk Tanaman Sawit yang Ditemukan di Pulau Sumatera

YUYUN FITRIANA , RADIX SUHARJO , SITI HERLINDA , JELLY MILINIA PUSPITA SARI , ERISE ANGGRAINI , CHANDRA IRSAN , DELLANIA EKA RINDIANI , NOVRI NELLY , LISNAWITA

2026
Artikel ilmiah

Eksplorasi dan Karakterisasi Bakteri yang Berasosiasi dengan Elaeidobius kamerunicus serta Potensinya sebagai Entomopatogen dan Pelarut Fosfat

YUYUN FITRIANA , NI KADEK EMI SINTHA DEWI , DR IR I GEDE SWIBAWA MS , SITI HERLINDA , NOVRI NELLY , LISNAWITA , RADIX SUHARJO , PUJI LESTARI , MUHAMMAD NAUFAL HAFIDZ

2026
Jurnal internasional bereputasi

First report of Fusarium incarnatum causing fruit rot of chili pepper in Indonesia

IRDA SAFNI , LISNAWITA , Khairunnisa Lubis , WIDA AKASAH , ESRARIA SIMBOLON , NAMIRA ISTIQOMAH , Assoc. Prof. Dr. Nur Ain Izzati Mohd. Zainudin

2026
Prosiding seminar internasional

Biosynthesis and characterization of silver bio-nanoparticles using bacteria Arthrobacter sp. and Bacillus thuringiensis as agrotechnological approaches towards sustainable agriculture

LISNAWITA , IRDA SAFNI , WIDA AKASAH , Khairunnisa Lubis

2026
Prosiding seminar internasional

Effectiveness of edible coatings from plant extracts in suppressing postharvest anthracnose disease (Colletotrichum gloeosporioides) in tomatoes (Solanum

lycopersicum) as agrotechnological approaches towards sustainable agriculture

LISNAWITA , INDRI EQLESIA UJUNG

2026
Jurnal internasional bereputasi

Antifungal Effects of Silver Nanoparticles, Synthesized Using Trichoderma harzianum, on Ganoderma boninense Causing Basal Stem Rot on Oil Palm

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis , PROF DR IR AHMAD RAFIQI TANTAWI. MS , WISMAROH SANNIWATI BR SARAGIH

2025
Jurnal internasional bereputasi

Molecular detection and distribution analysis of papaya ringspot virus-p in North Sumatra, Indonesia

LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS , DARMA BAKTI

2025
Book chapter internasional

Nanobiostimulants in Innovative Agriculture

LISNAWITA

2025
Jurnal internasional bereputasi

Insect pollinators of oil palm plantations in South Sumatra, Indonesia

NOVRI NELLY , LISNAWITA , CHANDRA IRSAN , DELLANIA EKA RINDIANI , SITI HERLINDA , JELLY MILINIA PUSPITA SARI , ERISE ANGGRAINI , RADIX SUHARJO

2025
Book chapter internasional

Macromolecules from the fungal origin and their role in the development and production of sustainable and functional food

LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS , WISMAROH SANNIWATI BR SARAGIH

2025
Prosiding seminar internasional

Exploration of microbial antagonists in chili to control anthracnose disease in vitro

LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2025
Book chapter internasional

Plant Cases

LISNAWITA , IRDA SAFNI

2025
Jurnal nasional terakreditasi

Pengabdian Internasional: Pelestarian dan Food Estate Melalui Penanaman Pohon di Ekowisata Beras Basah

DR LISNAWITA SP, MSI , WISMAROH SANNIWATI BR SARAGIH , IRWAN AGUSNU PUTRA , OCTANINA SARI BR SIJABAT , DEDI KURNIAWAN , BEJO SLAMET

2025
Jurnal internasional bereputasi

Integration of WebGIS and low-cost GNSS u-blox F9R into an android-based survey application for real-time monitoring

PUTRA MAULIDA , LISNAWITA , MOKHAMAD NUR CAHYADI , HEPI HAPSARI HANDAYANI , DENI KUSUMAWARDANI

2025
Jurnal internasional bereputasi

Integration of Low-Cost GNSS and Multispectral Camera to Increase Oil Palm Position Accuracy and Health Monitoring

TRIONO BAGUS SAPUTRO , MOKHAMAD NUR CAHYADI , WISMAROH SANNIWATI BR SARAGIH , DENI KUSUMAWARDANI , LISNAWITA , M.ALDILA SYARIZ , FADLILATUL TAUFANY , Miko Cahya Laksmana , Failaqul Haq , Luki Adi Triawan

2025
Jurnal internasional bereputasi

Isolation and characterization of potential amylolytic, proteolytic, gelatinolytic and chitinolytic properties in bacterial antagonists obtained from chilli plants (Colletotrichum spp.)

PROF DR IR AHMAD RAFIQI TANTAWI. MS , DR LISNAWITA SP, MSI , RASISKA TARIGAN , Catur Hermanto

2025
Prosiding seminar internasional

Isolation and characterization of potential amylolytic, proteolytic, gelatinolytic and chitinolytic properties in bacterial antagonists obtained from chilli plants (Colletotrichum spp.)

LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2025
Jurnal internasional bereputasi

Indigenous Trichoderma isolates from Bukit Kijang, North Sumatra, Indonesia, are biocontrol agents against Ganoderma boninense in infected oil palm seedlings

IRDA SAFNI , WISMAROH SANNIWATI BR SARAGIH , PROF DR IR AHMAD RAFIQI TANTAWI. MS , SUZANNA FITRIANY SITEPU , HAMIDAH HANUM , LISNAWITA , ELMEIDA EFFENDY

2024
Jurnal nasional terakreditasi

Mengenal Lebih Dekat dengan Penyakit Busuk Pangkal dan Atas Kelapa Sawit (Basal dan Upper Stem Rot)

LISNAWITA , WISMAROH SANNIWATI BR SARAGIH , SUZANNA FITRIANY SITEPU , IRDA SAFNI , PROF DR IR AHMAD RAFIQI TANTAWI. MS , Khairunnisa Lubis , HAMIDAH HANUM

2024
Prosiding seminar internasional

Characterization of basal stem rot pathogen in oil palm tree in Adolina Seed Center, North Sumatra, to support sustainable food security

LISNAWITA , IRDA SAFNI

2024
Jurnal nasional terakreditasi

Induksi Ketahanan Tanaman Tomat terhadap Ralstonia syzygii subsp. indonesiensis Menggunakan Bakteri Endofit dan Asam Salisilat

TRIWANTO NABABAN , LISNAWITA , IRDA SAFNI

2024
Jurnal nasional terakreditasi

Salicylic Acid Accumulation in Tomato Root Induced by Endopytic Bacteria and Exogenous Salicylic Acid Response to Ralstonia syzygii subsp. indonesiensis Infection

IRDA SAFNI , LISNAWITA , Triwanto Nababan

2024
Jurnal nasional terakreditasi

AKTIVITAS ANTIFUNGI EKSTRAK DAUN Asystasia gangetica (L.) T. Anderson TERHADAP BIBIT KELAPA SAWIT (Elaeis guineensis Jacq.) TERINFEKSI Ganoderma boninense

WISMAROH SANNIWATI BR SARAGIH , LISNAWITA

2024
Jurnal nasional terakreditasi

AKTIVITAS ANTIFUNGI EKSTRAK DAUN Asystasia gangetica (L.) T. ANDERSON TERHADAP BIBIT KELAPA SAWIT (Elaeis guineensis Jacq.) TERINFEKSI Ganoderma boninense

DR LISNAWITA SP, MSI , WISMAROH SANNIWATI BR SARAGIH

2024
Prosiding seminar nasional

Analisis pengaruh cuaca terhadap produksi kopi di Tapanuli Utara, Sumatera Utara

LISNAWITA , GUNTORO , IRDA SAFNI , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2024
Prosiding seminar internasional

Analysis of The Relationship of Wind Speed and Rainfall on the Development of Coffee Leaf Rust (Hemileia Vastatrix B. & Br.) on Sipirok Arabica Coffee Plants in South Tapanuli District, Indonesia

LISNAWITA , IRDA SAFNI , GUNTORO , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2024
Buku referensi

MANAJEMEN PENGETAHUAN

LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2024
Prosiding seminar internasional

The presence of Myopopone castanea Smith (Hymenoptera: Formicidae) as a predator in oil palm plantations

MARYANI CYCCU TOBING , LISNAWITA , WIDIHASTUTY

2024
Prosiding seminar internasional

In-vitro endophytic bacteria activity against Ralstonia syzygii subsp. indonesiensis, the causal agent of bacterial wilt disease in tomato (Solanum lycopersicum) to achieveÂ ...

IRDA SAFNI , LISNAWITA , Triwanto Nababan

2024
Buku referensi

Bakteri Pseudomonas fluorescens Terhadap Penyakit Virus Tanaman Cabai

IR. NURLIANA , LISNAWITA

2024
Jurnal nasional terakreditasi

Peningkatan Kemampuan Tentang Penyakit Kelapa Sawit Akibat Serangn Patogen Ganoderma boninense Melalui Kegiatan Penyuluhan Lapangan

HAMIDAH HANUM , LISNAWITA , Khairunnisa Lubis , SUZANNA FITRIANY SITEPU , IRDA SAFNI , WISMAROH SANNIWATI BR SARAGIH , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2024
Buku referensi

BAKTERI Pseudomonas fluorescens TERHADAP PENYAKIT VIRUS PADA TANAMAN CABAI

DR LISNAWITA SP, MSI , IR. NURLIANA

2024
Jurnal nasional terakreditasi

Peningkatan Kemampuan Tentang Penyakit Kelapa Sawit Akibat Serangn Patogen Ganoderma boninense Melalui Kegiatan Penyuluhan Lapangan

PROF DR IR AHMAD RAFIQI TANTAWI. MS , Khairunnisa Lubis , HAMIDAH HANUM , IRDA SAFNI , LISNAWITA , SUZANNA FITRIANY SITEPU

2024
Prosiding seminar internasional

In-vitro endophytic bacteria activity against Ralstonia syzygii subsp. indonesiensis, the causal agent of bacterial wilt disease in tomato (Solanum lycopersicum) to achieve sustainable agriculture

IRDA SAFNI , LISNAWITA

2023
Jurnal nasional

POTENSI JAMUR ENDOFIT ASAL CABAI SEBAGAI AGENS HAYATI UNTUK MENGENDALIKAN LAYU FUSARIUM (Fusarium oxysporum) PADA CABAI DAN INTERAKSINYA

LISNAWITA , DARMA BAKTI

2023
Prosiding seminar internasional

Bacteriophage as a biocontrol agent in bacterial blood disease of banana in Indonesia

LISNAWITA , IRDA SAFNI

2023
Prosiding seminar internasional

Use of agricultural waste and indigenous antagonistic fungi for controlling root knot nematodes (Meloidogyne spp.) on potato in North Sumatra, Indonesia

LISNAWITA , IRDA SAFNI , PROF DR IR AHMAD RAFIQI TANTAWI. MS , Khairunnisa Lubis

2023
Jurnal internasional bereputasi

The Vector of Pineapple Mealybug Wilt-associated Virus (PMWaV) in Sipahutar Pineapples in North Tapanuli, Indonesia

WISMAROH SANNIWATI BR SARAGIH , DEWI SARTIAMI , MARYANI CYCCU TOBING , PROF DR IR AHMAD RAFIQI TANTAWI. MS , ARTA JUNITA HUTAHAYAN , LISNAWITA

2023
Jurnal nasional terakreditasi

Kelimpahan Jamur Non-Patogenik Pada Rhizosfer Daerah Endemik Patogen Magnaporthe grisea Penyebab Penyakit Blas Pada Tanaman Padi (Oryza sativa L.)

IRDA SAFNI , LISNAWITA , Muhammad Faqih Aulia

2022
Jurnal internasional

Prevalence and Incidence of Bacterial Wilt Disease (Ralstonia syzygii subsp. indonesiensis) on Tomato in Simpang Empat District Karo

LISNAWITA , IRDA SAFNI

2022
Prosiding seminar internasional

Survey and distribution of Pineapple Wilt Mealybug Wilt associated Virus (PMWaV) on pineapple plants in North Tapanuli, Indonesia

LISNAWITA , MARYANI CYCCU TOBING

2022
Jurnal internasional bereputasi

Trait selection and screening of Indonesian local rice accessions for iron stress tolerance

LISNAWITA , Khairunnisa Lubis , Suci Mahirda Novianty

2021
Prosiding seminar nasional

Survey Vegetasi dan Penapisan Fitokimia Gulma di Perkebunan Kelapa Sawit

WISMAROH SANNIWATI BR SARAGIH , MOHAMMAD BASYUNI , LISNAWITA , EDISON PURBA

2021
Jurnal internasional bereputasi

The Fourier transform infrared spectroscopy from Diplazium esculentum and Rivina humilis analysis to reveals the existence of necessary components in oil palm plantations of Ganoderma boninense control

MOHAMMAD BASYUNI , LISNAWITA , EDISON PURBA

2021
Jurnal internasional bereputasi

THE ANTIFUNGAL ACTIVITY OF ENDOPHYTE FUNGUS FROM RUBBER LEAVES IN VITRO AND ITS ANTAGONIST MECHANISM OF COLLETOTRICHUM GLOEOSPORIOIDES

LISNAWITA , DARMA BAKTI , SYAMSAFITRI

2021
Jurnal internasional bereputasi

The Fourier Transform Infrared Spectroscopy from Diplazium esculentum and

Rivina humilis Analysis to Reveals the Existence of Necessary Components in Oil Palm Plantations of Ganoderma boninense Control

WISMAROH SANNIWATI BR SARAGIH , EDISON PURBA , LISNAWITA , MOHAMMAD BASYUNI

2021
Prosiding seminar internasional

Fungi diversity in the rhizosphere of corn and Spodoptera frugiperda larvae

LISNAWITA

2021
Jurnal internasional bereputasi

Distribution of sheath blight disease (Rhizoctonia solani Kuhn) on rice (Oryza sativa L) in Northern Sumatera, Indonesia

LISNAWITA , IRDA SAFNI , SYAHRIAL OEMRY

2021
Prosiding seminar internasional

Pineapple mealybug wilt-associated virus (PMWaV) on Sipahutar pineapple, in North Tapanuli, Indonesia

PROF DR IR AHMAD RAFIQI TANTAWI. MS , LISNAWITA

2021
Prosiding seminar internasional

Screening of Indonesian rice cultivars against bacterial leaf blight disease under acidic soil condition

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis

2021
Jurnal internasional bereputasi

Potency of secondary metabolites of Trichoderma asperellum and Pseudomonas fluorescens in the growth of cocoa plants affected by vascular streak dieback

LISNAWITA

2021
Prosiding seminar internasional

The bioinformatics of projected acetyl-CoA carboxylase genes in Hevea brasiliensis

LISNAWITA , MOHAMMAD BASYUNI

2021
Jurnal internasional bereputasi

Short communication: Digital identification approach to characterize Hevea Brasiliensis leaves

LISNAWITA

2021
Prosiding seminar internasional

The potency of antagonistic microbes as plant growth-promoting on oil palm seedling infected with basal stem rot disease (Ganoderma boninense.)

Khairunnisa Lubis , LISNAWITA , IRDA SAFNI , IR. NURLIANA

2021
Jurnal internasional bereputasi

The fourier transform infrared spectroscopy (Ftir) from diplazium esculentum and rivina humilis analysis to reveals the existence of necessary components in oil palm plantations of ganoderma boninense control

LISNAWITA

2020
Prosiding seminar internasional

The effect of the rice white tip nematode, Aphelenchoides besseyi Christie, on the yield components of rice cultivars in a glasshouse condition

LISNAWITA , IRDA SAFNI

2020
Prosiding seminar internasional

Abundance and diversity of bacteria associated with healthy and infected oil palm rhizosphere of Ganoderma boninense in Bahilang, North Sumatra

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis , IR. NURLIANA , FAHMY FADLY

2020
Prosiding seminar internasional

Mapping bacterial leaf blight disease of rice (Xanthomonas oryzae pv oryzae) in North Sumatra

IRDA SAFNI , SAFRIZAL , LISNAWITA

2020
Prosiding seminar internasional

Comparison of attractants and height traps to coffee berry borer (hypothenemus hampei ferr., coleoptera: Scolytidae) in soban village, dairi regency, north sumatra, indonesia

LISNAWITA , MARYANI CYCCU TOBING , MARJAN SINAGA

2020
Jurnal internasional bereputasi

Detection of polyisoprenoid composition in quick starter and slow starter clones of Hevea brasiliensis

LISNAWITA , Khairunnisa Lubis , MOHAMMAD BASYUNI , BAYU PRATOMO

2020
Jurnal internasional bereputasi

The Control of Panicle Blight Bacterial Pathogen on Rice Seeds Through In Vitro Treatments

LISNAWITA , IRDA SAFNI

2020
Prosiding seminar internasional

Detection of virus causes papaya ringspot virus-with the DAS-Elisa (Double Antibody Sandwich-Enzyme-Linked Immunosorbent Assay) method at different levels in North Sumatra

LISNAWITA , DARMA BAKTI , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2020
Jurnal internasional bereputasi

Short communication: Mads-box genes expression in seedlings of elaeis guineensis jacq. resistance to ganoderma boninense

LISNAWITA

2019
Prosiding seminar internasional

Information of Cyperus rotundus weed from the national center for information on biotechnology (NCBI)

LISNAWITA , EDISON PURBA , MOHAMMAD BASYUNI , WISMAROH SANNIWATI SARAGIH

2019
Jurnal nasional

Keanekaragaman Serangga Hama Pada Perkebunan Kopi Arabika (Coffea arabica L.) dan Robusta (Coffea canephora pierre.) di Desa Juma Lubang dan Desa Tumangger Kecamatan Sumbul

LISNAWITA , DARMA BAKTI

2019
Prosiding seminar internasional

Information of Cyperus rotundus Weed from The National Center for Information on Biotechnology (NCBI)

WISMAROH SANNIWATI BR SARAGIH , EDISON PURBA , MOHAMMAD BASYUNI , LISNAWITA

2019
Jurnal nasional

Potensi Fusarium Non Patogenik untuk Mengendalikan Fusarium oxysforum f.

sp. cubense pada Tanaman Pisang Barangan

LISNAWITA

2019
Prosiding seminar internasional

Bioinformatics approach of polyprenol reductase in Hevea brasiliensis

LISNAWITA , MOHAMMAD BASYUNI , BAYU PRATOMO

2019
Jurnal nasional

Pengaruh Bahan Organik (Mucuna bracteata) dan Mikroba Antagonis (Trichoderma viride dan T. harzianum) terhadap Dominasi Nematoda Puru Akar (Meloidogyne spp.) pada Tanaman Kentang di Lapangan

LISNAWITA

2019
Jurnal nasional

Uji Evektifitas Eksudat Akar Bangun–Bangun (Coleus amboimicus) untuk Menghambat Pertumbuhan Jamur Akar Putih (Rigidoporus micropus) di Laboratorium

SUZANNA FITRIANY SITEPU , LISNAWITA

2019
Jurnal internasional bereputasi

Molecular identification xanthomonas oryzae pv. Oryzae causes of bacterial blight for rice with a specific primers

LISNAWITA , DWI SURYANTO , ZULHERI NOER

2019
Jurnal nasional

Populasi Parasitoid Larva Pada Masa Tanam Berbeda di Lahan Tebu Kebun Tandem Hulu PTPN II Sei Semayang

LISNAWITA

2019
Jurnal nasional

Pengaruh Penyinaran Ultra Violet terhadap Patogenitas Fusarium moniliforme Penyebab Penyakit Pokahbung pada Tanaman Tebu

LISNAWITA , LAHMUDDIN LUBIS

2018
Prosiding seminar internasional

Use of organic waste as biofumigant for controlling root knot nematodes (Meloidogyne spp.) on potato

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis , PROF DR IR AHMAD RAFIQI TANTAWI. MS , DESI INDAH PERMATA SARI

2018
Prosiding seminar internasional

Response of tomato (Lycopersiconesculentum Mill) infected by Phytophthora infestans (Mont.) de Bary with the treatment of copper and potassium phosphate on plant development

LISNAWITA , HAMIDAH HANUM , ASTINI

2018
Prosiding seminar internasional

National Center for Biotechnology Information (NCBI) database search for rubber plant Hevea brasiliensis

LISNAWITA , MOHAMMAD BASYUNI , BAYU PRATOMO , RAHMAH HAYATI

2018
Prosiding seminar internasional

Screening for disease resistance in rice varieties against bacterial panicle blight disease (Burkholderia glumae) in Northern Sumatra of Indonesia

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis

2018
Prosiding seminar nasional

Uji Virulensi Dua Isolat Ganoderma sp. Terhadap Bibit Kelapa Sawit Kultur Jaringan di Laboratorium

LISNAWITA , SUZANNA FITRIANY SITEPU , M IRVAN FADLI NST

2018
Prosiding seminar nasional

Potensi berbagai tanaman sebagai moluskisida nabati untuk mengendalikan keong mas (Pomacea canaliculata lamarck)(Mollusca: Ampullariidae) pada tanaman padi di rumah kaca

LISNAWITA

2018
Prosiding seminar nasional

Serangan Karat Daun Kopi (Hemileia vastatrix B et Br) pada Tanaman Kopi Arabika di Perkebunan Rakyat Kabupaten Mandailing Natal Sumatera Utara

LISNAWITA

2018
Artikel ilmiah

Survey and Identification of Meloidogyne Species Associated with Potato in North Sumatra, Indonesia

LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS , FITRIANINGRUM KURNIAWATI

2018
Jurnal nasional terakreditasi

Sebaran Nematoda Sista Kentang di Wonosobo dan Banjarnegara, Jawa Tengah

LISNAWITA

2018
Jurnal internasional bereputasi

Morphological characterization of several strains of the rice-pathogenic bacterium Burkholderia glumae in North Sumatra

Khairunnisa Lubis , LISNAWITA , Mardiana Hasibuan , IRDA SAFNI

2018
Jurnal internasional bereputasi

Root morphology of several potato varieties - Infected Meloidogyne spp. and addition of organic matters

IRDA SAFNI , LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS , Khairunnisa Lubis , LUTHFI AZIZ MAHMUD SIREGAR

2018
Jurnal internasional bereputasi

Isolation and characterization of rhizobacteria for biological control of root-knot nematodes in Indonesia

LISNAWITA , IRDA SAFNI , PROF DR IR AHMAD RAFIQI TANTAWI. MS , R SURYA MURTHI

2018
Jurnal internasional bereputasi

Isolation and characterization of rhizobacteria for biological control of root-knot nematodes in Indonesia

IRDA SAFNI , LISNAWITA , PROF DR IR AHMAD RAFIQI TANTAWI. MS , R Surya Murthi , Khairunnisa Lubis

2017
Prosiding seminar internasional

Agronomic effect of empty fruit bunches compost, anorganic fertilizer and endophytic microbes in oil palm main nursery used Ganoderma endemic soil

LISNAWITA , HAMIDAH HANUM , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2017
Prosiding seminar internasional

Root morphology of several potato varieties - Infected Meloidogyne spp. and addition of organic matters

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis , PROF DR IR AHMAD RAFIQI TANTAWI. MS

2017
Prosiding seminar internasional

Morphological characterization of several strains of the rice-pathogenic bacterium Burkholderia glumae in North Sumatra

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis

2017
Prosiding seminar internasional

The potential of soil fungi associated with potato rhizosphere to control root knot nematode (Meloidogyne spp.) on potato

LISNAWITA , IRDA SAFNI , Khairunnisa Lubis , PROF DR IR AHMAD RAFIQI TANTAWI. MS , EVI UTARI

2017
Prosiding seminar internasional

Pathotype profile of Xanthomonas oryzae pv. oryzae isolates from North Sumatera

LISNAWITA , DWI SURYANTO , ZULHERI NOER

2017
Jurnal nasional terakreditasi

Potensi jamur endofit terhadap pertumbuhan dan produksi tanaman cabai (Capsicum annum)

LISNAWITA

2017
Jurnal nasional terakreditasi

DISTRIBUSI DAN IDENTIFIKASI POPULASI SINTRONG (Crossocephalum crepidiodes.Benth) RESISTEN PARAKUAT PADA LAHAN JAGUNG (Zea mays) DI KABUPATEN DAIRI

LISNAWITA , EDISON PURBA

2017
Jurnal nasional terakreditasi

Pengaruh Pemberian Cendawan Endofit Asal Tanaman Kelapa Sawit Terhadap Pertumbuhan Kelapa Sawit Pada Tanah Terinfeksi Ganoderma Sp

MUKHTAR ISKANDAR PINEM , DR LISNAWITA SP, MSI

2017
Jurnal nasional terakreditasi

Efektivitas Bakteri Endofit Sebagai Pupuk Hayati Terhadap Pertumbuhan Dan Produksi Cabai (Capsicum Annuum, L.)

DR LISNAWITA SP, MSI

2017
Jurnal nasional terakreditasi

Kisaran Inang Corynespora cassiicola (Berk. & Curt) Wei Pada Tanaman Di Sekitar Pertanaman Karet (Hevea brassiliensis Muell)

DR LISNAWITA SP, MSI

2015
Jurnal nasional

Enkapsulasi Beberapa Jenis Trichoderma. sp. pada Benih Kedelai untuk Mengendalikan Penyakit Sclerotium rolfsii Sacc.

DR LISNAWITA SP, MSI

2015
Jurnal nasional

Potensi bakteri endofit dalam meningkatkan pertumbuhan tanaman tembakau yang terinfeksi nematoda puru akar (Meloidogyne spp.)

DR LISNAWITA SP, MSI , SYAHRIAL OEMRY

2015
Jurnal nasional

Pengaruh Beberapa Jenis Termitisida dalam Mengendalikan Rayap (Captotermes curvignathus Holmgren) di Laboratorium

DR LISNAWITA SP, MSI

2015
Jurnal nasional

The Efectiveness of Several Techniques to Control Setothosea asigna on Vegetative Phase of Palm Oil in Greenhouse

DR LISNAWITA SP, MSI

Researches

2025
Penelitian Fundamental

Analisis Pengaruh Aplikasi Nanobiofungisida Trichoderma sp. terhadap Ketahanan Bibit Kelapa Sawit terinfeksi Ganoderma boninense melalui Pendekatan Genomik dan Mikrobioma

PROF DR IR AHMAD RAFIQI TANTAWI. MS , WISMAROH SANNIWATI BR SARAGIH , Khairunnisa Lubis , LISNAWITA , IRDA SAFNI

2025
Penelitian Kerjasama Antar Perguruan Tinggi

Deteksi penurunan keanekaragaman genetik serangga polinator pada tanaman kelapa sawit

NOVRI NELLY , SITI HERLINDA , LISNAWITA

2025
Penelitian Kerjasama Antar Perguruan Tinggi

Eksplorasi dan Identifikasi Polinator Endemik dan Faktor Penghambat Kinerjanya, serta Evaluasi Sinergisme Multi-polinator (Endemik dan Eksotik) untuk Produksi Sawit Berkelanjutan

CHANDRA IRSAN , NOVRI NELLY , ERISE ANGGRAINI , SITI HERLINDA , LISNAWITA , RADIX SUHARJO

2025

INTEGRASI DRONE MULTI SENSOR UNTUK OPTIMASI PROSES PENYERBUKAN KELAPA SAWIT

WISMAROH SANNIWATI BR SARAGIH , RONNY MARDIYANTO , MOKHAMAD NUR CAHYADI , AGUS BUDI RAHARJO , YUNI SETYANINGSIH , LISNAWITA , TRIONO BAGUS SAPUTRO

2024
Penelitian Fundamental

Karakterisasi Nanobiofungsida dan pengungkapan gen pertahanan kelapa sawit terhadap Ganoderma boninense melalui Whole Genome Sequensing

PROF DR IR AHMAD RAFIQI TANTAWI. MS , WISMAROH SANNIWATI BR SARAGIH , LISNAWITA , IRDA SAFNI

2024
Penelitian Disertasi Doktor

Keragaman dan Potensi Jamur Endofit Tanaman Kelapa Sawit Moderat Gano dalam Menekan Perkembangan Ganoderma boninense

PROF DR IR AHMAD RAFIQI TANTAWI. MS , IR. NURLIANA , LISNAWITA , NURLIANA

2024
Penelitian Tim Pasca Sarjana

Karakterisasi Morfologi dan Molekuler Ganoderma spp. pada Tanaman Kelapa Sawit di Kebun Balai Benih Adolina Kabupaten Serdang Bedagai Sumatera Utara

LISNAWITA , IRDA SAFNI

2024
Ipteks

INTEGRASI DRONE MULTI SENSOR UNTUK OPTIMASI PROSES PENYERBUKAN KELAPA SAWIT

WISMAROH SANNIWATI BR SARAGIH , RONNY MARDIYANTO , MOKHAMAD NUR CAHYADI , AGUS BUDI RAHARJO , YUNI SETYANINGSIH , LISNAWITA , TRIONO BAGUS SAPUTRO

2024

Penelitian Fundamental

Potensi Nanopartikel Perak yang Disintesis dengan menggunakan Bakteri Arthrobacter sp dan Bacillus thuringiensis untuk Mengendalikan Penyakit Layu Fusarium Cabai

WIDA AKASAH , Khairunnisa Lubis , LISNAWITA , IRDA SAFNI , Assoc. Prof. Dr. Nur Ain Izzati Mohd. Zainudin

2023
Penelitian Fundamental

Karakterisasi Nanobiofungisida dan Pengungkap Gen Pertahanan Kelapa Sawit terhadap Ganoderma boninense melalui Whole Genome Sequencing

PROF DR IR AHMAD RAFIQI TANTAWI. MS , WISMAROH SANNIWATI BR SARAGIH , Khairunnisa Lubis , LISNAWITA , IRDA SAFNI

2023
Penelitian Kerjasama Antar Perguruan Tinggi

MONITORING TATA GUNA LAHAN, KESEHATAN TANAMAN, DAN OPTIMASI RANTAI PASOK KELAPA SAWIT DENGAN TEKNOLOGI GEOSPATIAL UNTUK PENINGKATAN EKONOMI PETANI RAKYAT

WISMAROH SANNIWATI BR SARAGIH , MOKHAMAD NUR CAHYADI , DENI KUSUMAWARDANI , LISNAWITA

2023
Pendidikan Magister Doktor Sarjana Unggul

Induksi Ketahanan Tanaman Tomat (Solanum Lycopersicum) terhadap Patogen Ralstonia syzygii subsp. indonesiensis Menggunakan Bakteri Endofit dan Asam Salisilat

LISNAWITA , IRDA SAFNI

2022
Penelitian Kerjasama Antar Perguruan Tinggi

GREEN SYNTHESIS NANOPARTIKEL PERAK (AGNPs) MENGGUNAKAN EKSTRAK DAUN Diplazium esculentum, Rivina humilis UNTUK MENGENDALIKAN Ganoderma boninense DI PERKEBUNAN KELAPA SAWIT

LISNAWITA , IRDA SAFNI

2021
Penelitian Unggulan Perguruan Tinggi

Pengendalian Hayati penyakit Darah Pisang (Ralstonia syzygii subsp. celebesensis)

LISNAWITA , IRDA SAFNI

2021

Studi Penyakit Layu Pineapple Mealybug Wilt Associated Virus (PMWaV) pada Tanaman Nanas Sipahutar, Tapanuli Utara

PROF DR IR AHMAD RAFIQI TANTAWI. MS , MARYANI CYCCU TOBING , LISNAWITA

2021
Penelitian Unggulan Perguruan Tinggi

Budidaya Bawang Vertikal secara Hidroponik untuk Tanaman Sehat dan Hemat Lahan

PROF DR IR AHMAD RAFIQI TANTAWI. MS , LISNAWITA

2021
Penelitian Unggulan Perguruan Tinggi

Budidaya Bawang Vertikal secara Hidroponik untuk Tanaman Sehat dan Hemat Lahan

PROF DR IR AHMAD RAFIQI TANTAWI. MS , LISNAWITA

2020
Kerjasama Luar Negeri dan Publikasi Internasional

Increasing Rice Yield in Northern Sumatra by Combining Biotic and Abiotic and Abiotic Stress Tolerance

Khairunnisa Lubis , LISNAWITA , IRDA SAFNI , Frans J.M. Mathuis

2020
Penelitian Disertasi Doktor

Studi Penyakit Layu Pineapple Mealybug Wilt Associated Virus (PMWaV) pada Tanaman Nanas Sipahutar, Tapanuli Utara

PROF DR IR AHMAD RAFIQI TANTAWI. MS , MARYANI CYCCU TOBING , LISNAWITA

2020
Penelitian Unggulan Perguruan Tinggi

Studi Komparasi Komunitas Mikroba Antagonis dan Keseimbangan Hara di Rizosfer Tanaman Kelapa Sawit yang Terinfeksi dan yang Tidak Terinfeksi Ganoderma

Khairunnisa Lubis , IR. NURLIANA , LISNAWITA , IRDA SAFNI

2020
Penelitian Unggulan Perguruan Tinggi

Studi Komparasi Komunitas Mikroba Antagonis dan Keseimbangan Hara di Rizosfer Tanaman Kelapa Sawit yang Terinfeksi dan yang Tidak Terinfeksi Ganoderma

Khairunnisa Lubis , IR. NURLIANA , LISNAWITA , IRDA SAFNI

2019

UJI EFEKTIVITAS CENDAWAN ENTOMOPATOGEN DENGAN PENAMBAHAN MINYAK NABATI DALAM MENGENDALIKAN ULAT GRAYAK SPODOPTERA FRUGIPERDA (LEPIDOPTERA : NOCTUIDAE)

MARYANI CYCCU TOBING , LISNAWITA

2019
Kerjasama Luar Negeri dan Publikasi Internasional

Increasing Rice Yield in Northern Sumatra by Combining Biotic and Abiotic and Abiotic Stress Tolerance

Khairunnisa Lubis , LISNAWITA , IRDA SAFNI , Frans J.M. Mathuis

2014
Penelitian Fundamental

KARAKTERISASI MORFOLOGI DAN MOLEKULER NEMATODA PURU AKAR (Meloidogyne spp.) AS

HASANUDDIN , LISNAWITA

2010

STUDIES ON THE POTENTIAL OF ENDOPHYTIC FUNGI AS BIOPROTECTING TO CONTROL ROOT KNOT NEMATODE (Meloidogyne spp.) ON SOYBEAN

LISNAWITA

2009
Penelitian Strategis Nasional

Eksplorasi dan karakterisasi bakteri endofit lokal Sumatera Utara dan potensinya sebagai bioprotecting dan biofertilizer untuk meningkatkan daya tahan kedelai terhadap nematoda puru akar (Meloidogyne spp.)

MUKHTAR ISKANDAR PINEM , LISNAWITA

Community Services

2025

PENGENALAN JAGUNG “PELANGI” HASIL PERSILANGAN TERBUKA TIGA TETUA JAGUNG MANIS, UNGU DAN PULUT PUTIH SEBAGAI PANGAN FUNGSIONAL ESTETIK

Khairunnisa Lubis , LISNAWITA , IRDA SAFNI

2023
KKN Pembelajaran Pemberdayaan Masyarakat

Asesor bkd 2023

LISNAWITA , T IRMANSYAH

2023

Ipteks Bagi Masyarakat

Sosialisasi Penggunaan Bakteriofage Sebagai Biopestida untuk Mengendalikan Penyakit Darah Pisang

PROF DR IR AHMAD RAFIQI TANTAWI. MS , SUZANNA FITRIANY SITEPU , Khairunnisa Lubis , LISNAWITA , IRDA SAFNI , AHMAD RAFIKI

2014

IbM INDUSTRI KECIL JAMUR TIRAM DAN PETANI JAMUR TIRAM TRADISIONAL

ROSMAYATI , MAIMUNAH SIREGAR , LISNAWITA

2012

Ipteks Bagi Masyarakat

IbM Industri Kecil Keripik Pisang dan Petani Pisang Tradisional

ERA YUSRAINI , LISNAWITA

Intellectual Property Rights

2024

Hak cipta nasional

BAKTERI Pseudomonas fluorescens TERHADAP PENYAKIT VIRUS PADA TANAMAN CABAI

IR. NURLIANA , LISNAWITA

2018

Paten nasional

KOMPOSISI KOMPOS DIPERKAYA MIKROBA ENDOFIT, METODE PEMBUATAN, DAN PENGGUNAAN KOMPOSISI TERSEBUT

LISNAWITA , HAMIDAH HANUM , PROF DR IR AHMAD RAFIQI TANTAWI. MS