Edison Purba

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Prof. Ir. Edison Purba, Ph.D., born in Simalungun on January 5, 1959, is a lecturer in the Agrotechnology Study Program at the Universitas Sumatera Utara. His area of expertise is focused on Weed Science. Edison Purba completed his higher education at the doctoral level in the Crop Protection study program at Adelaide University in 1994. As an academic and researcher, he is dedicated to developing knowledge and understanding in the field of weed science to support sustainable agricultural development.

Publications

2025
Jurnal internasional bereputasi

Vertical distribution of weed seed bank in three-year-old oil palm plantations

EDISON PURBA

2024
Makalah ilmiah

PERSEPSI PETANI TENTANG LINGKUNGAN INTERNAL DAN EKTERNAL USAHATANI DALAM PEMBERDAYAAN PETANI INTEGRASI KOPI KAMBING DI SUMATERA UTARA

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2024
Jurnal internasional

Production and Quality of M2 Generations of Indigofera Zollingeriana Result from Gamma-Ray Irradiation as Animal Feed and its Effect on Soil Characteristics on Saline Soil

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2024
Jurnal internasional

Production and Quality of M2 Generations of Indigofera Zollingeriana Result from Gamma-Ray Irradiation as Animal Feed and its Effect on Soil Characteristics on Saline Soil

EDISON PURBA

2024
Buku lainnya

Peranan Tumbuhan Air Dalam Menyerap Logam Berat pada Lindi Tempat Pembuangan Akhir

EDISON PURBA , IRHAMNI

2024
Jurnal internasional bereputasi

Bark recovery of rubber clone PB260 through application of NAA+, kinetin and oleo-chemicals

EDISON PURBA

2024
Buku referensi

Peranan Tumbuhan Air Dalam Menyerap Logam Berat Pada Lindi Tempat Pembuangan Akhir

EDISON PURBA

2023
Artikel ilmiah

CLODESIS HAND SOAP GEL EKSTRAK OXALIS DEHRADUNENSIS R. SEBAGAI PRODUK INOVASI KESEHATAN DALAM MENURUNKAN RISIKO PAPARAN KIMIA

EDISON PURBA

2023
Jurnal nasional terakreditasi

Effect of Leachate Concentration on the Eichhornia Crassipes Plants

IRHAMNI , EDISON PURBA

2023
Jurnal nasional terakreditasi

Effect of Leachate Concentration on the Eichhornia Crassipes Plants

IRHAMNI , EDISON PURBA

2023
Jurnal internasional bereputasi

Improvement of morphology, biochemical characters, and molecularchangesof local upland rice cv.Sidikalang M3generation through induction of gamma-ray irradiation

DIANA SOFIA HANAFIAH , EDISON PURBA

2022
Prosiding seminar internasional

Growth and leaf anatomy of rubber clones (Hevea brasiliensis Muell. Arg.) IRR 400 series toward drought stress

MOHAMMAD BASYUNI , EDISON PURBA

2020
Jurnal internasional bereputasi

Application of monosodium methyl arsenate with diuron herbicide to control the characteristics of glyphosate-resistant Eleusine indica at oil palm plantations

EDISON PURBA

2020
Jurnal nasional terakreditasi

Identification and inventory of cassava (manihot esculenta crantz) in north sumatera

EMMY HARSO KARDHINATA , EDISON PURBA , HERLA RUSMARILIN , DWI SURYANTO

2019
Jurnal nasional terakreditasi

Analisis Hara Cu dan Zn pada Vegetasi Gulma sebagai Penanda Keberadaan Jamur Ganoderma dari Kebun Kelapa Sawit

EDISON PURBA , WISMAROH SANNIWATI BR SARAGIH

2019
Jurnal nasional terakreditasi

Pengaruh Penambahan Sabut Kelapa pada Media Tanam Terhadap Pertumbuhan Tiga Varietas Bibit Unggul Kelapa Sawit (Elaeis guineensis Jacq.) yang Bermesokarp Tebal

CHARLOQ , EDISON PURBA

2018
Jurnal nasional terakreditasi

Identification and Analysis of Weed Vegetation as Ganoderma Presence Marker on Oil Palm Plantation

EDISON PURBA , WISMAROH SANNIWATI BR SARAGIH

1996
Jurnal internasional bereputasi

Growth and competitiveness of paraquat-resistant and -susceptible biotypes of Hordeum leporinum

EDISON PURBA

2026
Jurnal internasional bereputasi

Physiological characteristics of IRR 400 series rubber clones (Hevea brasiliensis Muell. Arg.) under drought stress

EDISON PURBA

2026
Poster seminar nasional

PERSEPSI PETANI TENTANG LINGKUNGAN INTERNAL DAN EKTERNAL USAHATANI DALAM PEMBERDAYAAN PETANI INTEGRASI KOPI KAMBING DI SUMATERA UTARA

EDISON PURBA

2026
Prosiding seminar internasional

FACTORS INFLUENCING FARMER EMPOWERMENT INTEGRATION OF COFFEE AND GOATS AT STARBUCK'S FOSTERED IN RONGGURNIHUTA DISTRICT, SAMOSIR REGENCY

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2026
Jurnal internasional bereputasi

Improvement of morphology, biochemical characters, and molecular changes of local upland rice cv. Sidikalang M3 generation through induction of gamma-rayÂ …

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2026
Prosiding seminar nasional

Keragaman Morfologi Empat Genotipe Indigofera zollingeriana pada Lahan Salin Mendukung Pembentukan Varietas Baru Toleran Salinitas

EDISON PURBA

Researches

2025

IDENTIFIKASI DAN MEKANISME RESISTENSI Echinochloa crus-galli TERHADAP HERBISIDA PENGHAMBAT ASETOLAKTAT SINTASE (ALS) DI KABUPATEN DELI SERDANG, SUMATERA UTARA

EDISON PURBA

Community Services

2024

Pengujian Efikasi Herbisida Conductor 480 EC, Risun 89SC, Sable Plus 120 EW, dan Sunmax 500 SC pada Padi Sawah

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2023

PENGUJIAN EFIKASI HERBISIDA TEBAS 276 SL TERHADAP GULMA KELAPA SAWIT BELUM MENGHASILKAN

EDISON PURBA

Intellectual Property Rights

2026
Hasil penelitian/pemikiran yang tidak dipublikasikan

LAPORAN AWAL POPULASI Eleusine indica RESISTEN-GLIFOSAT PADA PERKEBUNAN KELAPA SAWIT DI KABUPATEN BATU BARA FIRST REPORT OF GLYHPOSAT-RESISTANT Eleusine indica POPULATION ONÃ‚Â …

EDISON PURBA

2026
Hasil penelitian/pemikiran yang tidak dipublikasikan

Studi Agroekologi dan Daya Efektifitas Beberapa Herbisida Terhadap Syngonium podophyllum Schott.

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