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Prof. Dr. Ir. Rosmayati, M.S., born in Tebing Tinggi on October 17, 1958, is a lecturer at the Agrotechnology Study Program of the Universitas Sumatera Utara. Her main expertise is plant breeding. Prof. Rosmayati completed her doctoral degree in Agronomy at Institut Pertanian Bogor (IPB) in 2005. With a strong educational background, Prof. Rosmayati has contributed to the development of agricultural science through research, teaching, and plant breeding practices.

Publications

2024
Jurnal internasional bereputasi

GENETIC DIVERSITY AND TOLERANCE ASSESSMENT OF RICE VARIETIES TO MERCURY CONTAMINATION IN ILLEGAL GOLD MINING AFFECTEDAREAS: A CASE STUDY IN MANDAILING NATAL REGENCY, NORTHSUMATRA, INDONESIA

VITRI RENNY TRIYANTI , ROSMAYATI

2024
Prosiding seminar internasional

Growth in The Various Ecotypes from Vetiver Plant at Different Salinity Levels

ROSMAYATI , NINI RAHMAWATI , AISAR NOVITA , LUTHFI AZIZ MAHMUD SIREGAR

2024
Jurnal internasional bereputasi

Growth and Essential Oil Production of Vetiver Plants Under Salinity Condition with Salicylic Acid and Mycorrhiza Application

ROSMAYATI , AISAR NOVITA , LUTHFI AZIZ MAHMUD SIREGAR , NINI RAHMAWATI

2020
Jurnal internasional bereputasi

The Effects of Temperature and Potassium Fertilizer on the Growth, Yield, and Biochemical Parameters of Ipomoea batatas var. Antin-1

ROSMAYATI

2020
Prosiding seminar internasional

The ability of pineapple callus regeneration (ananas comosusl.) from sipahutar north sumatra indonesia with in vitro culture

ROSMAYATI

2020
Prosiding seminar internasional

Pineapple callus induction from Sipahutar North Sumatera Indonesia (Ananas comosus L.) with bud as a source explant

ROSMAYATI

2018
Prosiding seminar internasional

Proline Content Variation in Some Rice Varieties Under Salinity Stress

DAFNI MAWAR TARIGAN , WAN ARFIANI BARUS , ABDUL RAUF , ROSMAYATI , CHAIRANI HANUM L

2018
Prosiding seminar internasional

Differences in morphology and sugar content of purple sweet potato (Ipomoea batatas L.) with potassium treatment at several altitudes

ROSMAYATI , LUTHFI AZIZ MAHMUD SIREGAR

2015
Prosiding seminar internasional

Response the Growth of Paddy Local Ramos Due to Irradiasi Gamma Rays in the Seedbed

ROSMAYATI , SRI UTAMI

Researches

2023

Perbaikan Genetik Kultivar Padi Gogo Lokal Aceh Timur melalui Iradiasi Sinar Gamma dalam Upaya Perakitan Padi Gogo Unggul

ROSMAYATI

2018
Penelitian Dana Lokal Perguruan Tinggi

UJI POTENSI DAN DAYA ADAPTASI UBI JALAR DENGAN KANDUNGAN BETA KAROTEN TINGGI TERHADAP HAMA BOLENG DI DATARAN RENDAH

ROSMAYATI

2015
Penelitian Fundamental

PERBAIKAN KARAKTER PROGENI KEDELAI TOLERAN SALINITAS BERDAYA HASIL TINGGI

ROSMAYATI