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Publications

2026

Prosiding seminar nasional

Emisi Metana (CH₄) dan Non-Metana dari Budidaya Oadi Sawah

NAZIF ICHWAN

2022

Prosiding seminar internasional

Water Consumption, Growth, Yield and Water Productivity for Pepper Plant

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION , SAIPUL BAHRI DAULAY

2025

Jurnal internasional bereputasi

Effect of Irrigating Cooler Water (ICWr) on The Canopy Temperature of Japonica Rice Cultivars Himenorin and Nikomaru

NAZIF ICHWAN , Taufiq Yuliawan , Augustine Ukpoju , Hiroki Oue

2026

Jurnal nasional

Rancang Bangun Alat Pengupas Kulit Nanas Sistem Press Manual

NAZIF ICHWAN

2026

Prosiding seminar internasional

Estimating water requirements of tomato plant based on Forecast-Evapotranspiration Equation in Semangat Village, Merdeka Sub-district, Karo Regency, North Sumatera Province

NAZIF ICHWAN

2021

Prosiding seminar internasional

Forecasting evapotranspiration equation based on Hargreaves Evapotranspiration Method for Semangat Village, Merdeka Sub-district, Karo Regency, North Sumatera Province, Indonesia

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION , SAIPUL BAHRI DAULAY

2021

Prosiding seminar internasional

Application of mock hydrology model in estimating semi-monthly discharge in Sei Petani Sub-Watershed

EDI SUSANTO , DELIMA LAILAN SARI NASUTION , NAZIF ICHWAN

2024

Jurnal nasional terakreditasi

Comparisons of Growth, Yield, and Meteorological Properties of Rice Canopy under Double-Row (Jajar Legowo and Jejer Manten) and Tile Transplanting Systems

2023

Prosiding seminar internasional

Effects of plant spacing on evapotranspiration for estimating crop coefficient of Japonica rice

NAZIF ICHWAN , Hiroki Oue , Augustine Ukpoju , Taufiq Yuliawan

2026

Jurnal nasional

EVALUASI KINERJA IRIGASI TETES DI TANAH LATOSOL PADA PRENURSERY TANAMAN KELAPA SAWIT (*Elaeis guineensis* Jacq.)(Evaluation of Drip Irrigation Performance in Latosol Soil on

NAZIF ICHWAN

2026

Jurnal nasional

KAJIAN POTENSI PRODUKSI PADI DAERAH IRIGASI PERSAGUAN DI KECAMATAN PANEI KABUPATEN SIMALUNGUN (The Study of Rice Potential Production on Parsaguan Irrigation Fields

NAZIF ICHWAN

2020

Prosiding seminar internasional

The assessment of Sei Petani Sub Watershed health based on hydrology indicator

EDI SUSANTO , NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2026

Jurnal nasional

KAJIAN FERTIGASI PADA TANAMAN BAYAM (*Amaranthus tricolor* L.) DENGAN METODE TANAM HIDROPONIK (A Spinach Fertilization Study (*Amaranthus tricolor* L.) Using Hydroponic Cropping

NAZIF ICHWAN

2024

Jurnal internasional bereputasi

Comparisons of Growth, Yield, and Meteorological Properties of Rice Canopy under Double-Row (Jajar Legowo and Jejer Manten) and Tile Transplanting Systems

NAZIF ICHWAN , Taufiq Yuliawan , Fadli Irsyad , Hiroki Oue , Augustine Ukpoju

2022

Prosiding seminar internasional

Performance of Automatic Ring Irrigation with Solar Panel Energy (ARISGY) to Pakcoy (*Brassica Rapa* L) Growth

DELIMA LAILAN SARI NASUTION , NAZIF ICHWAN

2026

Jurnal nasional

RANCANG BANGUN ALAT PENGEPRES MINYAK KACANG TANAH (*Arachis hypogaea* L.) SEMI MEKANIS (Design and Construction of Semi Mechanic Peanut (*Arachis hypogaea* L.) Oil Press)

NAZIF ICHWAN

2018

Jurnal nasional

KARAKTERISTIK TEPUNG TULANG YANG DIHASILKAN BERBAGAI BAHAN BAKU YANG DIOLAH DENGAN ALAT PENGGIILING TULANG

NAZIF ICHWAN , LUKMAN ADLIN HARAHAP

2021

Prosiding seminar internasional

Forecasting evapotranspiration equation based on Hargreaves Evapotranspiration Method for Semangat Village, Merdeka Sub-district, Karo

Regency, North Sumatera Province, Indonesia

NAZIF ICHWAN

2026

Jurnal nasional

KAJIAN BEBERAPA METODE PEMBERIAN AIR PADI SAWAH (Oriza sativa L) VARIETAS CIHERANG DI RUMAH KACA (Study of Various Provison of Water Paddy Methods (Oryza sativa) Ciherang, & #8230;

NAZIF ICHWAN

2021

Prosiding seminar internasional

Application of mock hydrology model in estimating semi-monthly discharge in Sei Petani Sub-Watershed

NAZIF ICHWAN

2026

Jurnal nasional

RANCANG BANGUN DAN KAJIAN PENGARUH KETINGGIAN SUMBER AIR TERHADAP KINERJA POMPA HIDRAM (Design and Study of the Effects of Altitude on the Performance of Water Resources, & #8230;

NAZIF ICHWAN

2021

Prosiding seminar internasional

Estimating water requirements of tomato plant based on Forecast-Evapotranspiration Equation in Semangat Village, Merdeka Sub-district, Karo Regency, North Sumatera Province, Indonesia

NAZIF ICHWAN

2026

Jurnal nasional

PENGARUH LAMA WAKTU PEMASAKAN TERHADAP KUALITAS LEMANG PADA ALAT PEMASAK LEMANG LISTRIK TIPE VERTIKAL (The Effect of Cooking Time on Lemang Quality Using Vertical Type Lemang, & #8230;

NAZIF ICHWAN

2022

Jurnal nasional

Pompanisasi Dan Teknologi Pengairan Sawah di Desa Jati Mulya Kecamatan Pegajahan Kabupaten Serdang Bedagai

NAZIF ICHWAN , SAIPUL BAHRI DAULAY

2026

Jurnal nasional

KAJIAN BEBERAPA METODE PEMBERIAN AIR PADI SAWAH (Oriza sativa L) VARIETAS CIHERANG DI RUMAH KACA (Study of Various Provison of Water Paddy...

NAZIF ICHWAN

2017

Jurnal nasional

UJI BEBAN KERJA TERHADAP KINERJA ALAT PENUMBUK MEKANIS (Test of The Effect of Workload on Performance of Mechanical Pestle)

NAZIF ICHWAN , AINUN ROHANAH

2021

Prosiding seminar internasional

The simulation of landuse change scenarios on Bedagai Sub Watershed health condition

DELIMA LAILAN SARI NASUTION , NAZIF ICHWAN , EDI SUSANTO

2020

Prosiding seminar internasional

The assessment of Sei Petani Sub Watershed health based on hydrology

indicator

NAZIF ICHWAN

2021

Prosiding seminar internasional

Estimating water requirements of tomato plant based on Forecast-Evapotranspiration Equation in Semangat Village, Merdeka Sub-district, Karo Regency, North Sumatera Province, Indonesia

DELIMA LAILAN SARI NASUTION , SAIPUL BAHRI DAULAY , NAZIF ICHWAN

2026

Jurnal nasional

KAJIAN SIFAT FISIKA DAN KIMIA TANAH PADA LAHAN KELAPA SAWIT DENGAN BEBERAPA JENIS VEGETASI YANG TUMBUH DI KEBUN PTP NUSANTARA III TANAH RAJA (Study of Physical and Chemical

NAZIF ICHWAN

2021

Prosiding seminar internasional

The simulation of landuse change scenarios on Bedagai Sub Watershed health condition

NAZIF ICHWAN

2020

Prosiding seminar internasional

Shallot s growth and production under sub-surface irrigation in vertical agriculture (verticulture)

DELIMA LAILAN SARI NASUTION , NAZIF ICHWAN

2023

Prosiding seminar internasional

Yield and biomass under the different water levels on three Japonica rice cultivars

NAZIF ICHWAN

2023

Prosiding seminar internasional

Comparison of plant growth and yield of rice under double-row and tile transplanting systems

NAZIF ICHWAN , Taufiq Yuliawan , Hiroki Oue , Augustine Ukpoju

2020

Prosiding seminar internasional

Shallot's growth and production under sub-surface irrigation in vertical agriculture (verticulture) system

NAZIF ICHWAN

Researches

2020

Penelitian Dosen Pemula

Skenario Perubahan Tataguna Lahan terhadap Indikator Kesehatan Sub DAS Beadagai

EDI SUSANTO , NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2021

Penelitian Dosen Pemula

KINERJA AUTOMATIC RING IRRIGATION WITH SOLAR PANEL ENERGY (Arisgy) PADA TANAMAN HORTIKULTURA

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2020

Penelitian Dosen Pemula

Manajemen Irigasi Lahan Tanaman Hortikultura

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2021

Penelitian Dosen Pemula

Pertumbuhan, Hasil, dan Produktivitas Air Pada Budidaya Tanaman Berdasarkan Evapotranspirasi Potensial Metode Penman-Monteith

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION , SAIPUL BAHRI DAULAY

2019

Koefisien Tanaman dan Evapotranspirasi Tanaman Bawang Merah (*Allium ascalonicum* L.) dengan Sistem Pertanian Bertingkat (Verticulture)

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2019

Penelitian Dosen Pemula

Manajemen tataguna lahan terhadap indikator kesehatan Sub DAS Sei Petani

EDI SUSANTO , NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2025

Evapotranspiration and transpiration assessment of Japonica rice cv. Himenorin and Nikomaru using a lysimeter method

NAZIF ICHWAN , Hiroki Oue

Community Services

2021

PENINGKATAN KAPASITAS MASYARAKAT DALAM LINGKUP PERTANIAN DAN PARIWISATA DI DESA SEMANGAT KECAMATAN MERDEKA KABUPATEN KARO

TAVI SUPRIANA , NAZIF ICHWAN , FUAD HASAN

2018

Bimbingan Teknis Kegiatan Penyuluhan Pasca Panen Kopi Di Desa Muara Saladi, Kecamatan Ulu Pungkut, Kabupaten Mandailing Natal

NAZIF ICHWAN , FUAD HASAN , ADIAN RINDANG

2019

Bimbingan Teknis Pasca Panen Kopi Menggunakan Mesin Pulper di Desa Karing Kecamatan Berampu, Kabupaten Dairi

NAZIF ICHWAN , FUAD HASAN

2019

Penelitian Dana Lokal Perguruan Tinggi

PEMANENAN AIR HUJAN DAN PENERAPAN IRIGASI TETES DI DESA SARIBU DOLOK BANDAR RAYA KABUPATEN SIMALUNGUN

NAZIF ICHWAN , DELIMA LAILAN SARI NASUTION

2025

Reviewer Jurnal Pengabdian Masyarakat PATRIOTIK UNUSU

ABRAHAM ISMAIL PULUNGAN , NAZIF ICHWAN

2020

Ipteks Bagi Masyarakat

POMPANISASI DAN TEKNOLOGI PENGAIRAN SAWAH DI DESA JATI MULYA KECAMATAN PEGAJAHAN KABUPATEN SERDANG BEDAGAI

NAZIF ICHWAN , SAIPUL BAHRI DAULAY
