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*Ir. Bintang, M.P., born in Medan on July 3, 1960, is a lecturer in the Agrotechnology Study Program at the Universitas Sumatera Utara. She specializes in soil science. Ir. Bintang completed her higher education, earning a Master's degree in Soil Science at the Universitas Sumatera Utara (USU) in 2004. With this educational background and expertise, Ir. Bintang has contributed to the development of soil science through teaching, research, and the application of science in the context of agriculture.*

## Publications

2016

Jurnal nasional

**Evaluasi Kesesuaian Lahan Untuk Tanaman Kopi Arabika (*Coffea arabica*) dan Strawberi (*Fragaria vesca* Linn.) di Kecamatan Pematang Sidamanik Kabupaten Simalungun: The evaluation of land suitability for Arabica coffee and strawberry in Pematang Sidamanik District, Simalungun Regency**

BINTANG, POSMA MANGASI PINTARIA MARBUN

2023

Jurnal internasional bereputasi

**Identification of soil physicochemical, land suitability, and its relationship to Coffea arabica yielding based on plant age groups**

BINTANG, MARIATI, POSMA MANGASI PINTARIA MARBUN

2016

Jurnal nasional

**Evaluasi Kesesuaian Lahan untuk Tanaman Kopi Arabika (*Coffea arabica*), Kentang (*Solanum tuberosum* L.) Kubis (*Brassica oleraceae* L.) Dan Jeruk: The Land Suitability Classes for Arabica coffee, potato, cabbage and orange**

BINTANG, POSMA MANGASI PINTARIA MARBUN

2021

Prosiding seminar internasional

**Effect of giving triple super phosphate and dolomite fertilizer on mushroom media (baglog) on production of white oyster mushroom (*Pleurotus ostreatus*)**

T SABRINA, BINTANG

2020

Jurnal nasional terakreditasi

**Karakteristik Kimia Biochar dari Beberapa Biomassa dan Metode Pirolisis**

BENNY HIDAYAT, BINTANG

2023

Jurnal internasional bereputasi

**Identification of soil physicochemical, land suitability, and its relationship to Coffea arabica yielding based on plant age**

BINTANG

2022

Prosiding seminar internasional

**The Used of Attractants From Coffee at Various Heights Traps to Control Coffee Berry Borer and Quality Test of Coffee Berry**

WIDIHASTUTY, BINTANG

2022

Prosiding seminar internasional

## **The Used of Attractants From Coffee at Various Heights Traps to Control Coffee Berry Borer and Quality Test of Coffee Berry**

MARYANI CYCCU TOBING , BINTANG

2023

Prosiding seminar internasional

## **Preliminary study on C-organic and C-microbial biomass of peatland in Toba highlands**

BINTANG

## **Researches**

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2020

Penelitian Dana Lokal Perguruan Tinggi

## **Uji kualitas biochar Hasil Metode Klin dan Retort pada Beberapa Biomassa**

BENNY HIDAYAT , MARIANI BR SEMBIRING , T SABRINA , BINTANG

2024

## **EVALUASI KESESUAIAN LAHAN UNTUK TANAMAN BAWANG MERAH (*Allium ascalonicum* L.) dan BAWANG PUTIH (*Allium sativum* L.) DI KECAMATAN POLLUNG, KABUPATEN HUMBANG HASUNDUTAN**

BINTANG

2024

## **EVALUASI KESESUAIAN LAHAN UNTUK TANAMAN HORTIKULTURA SAYURAN (WORTEL, BROKOLI dan SAWI) DI KECAMATAN POLLUNG, KABUPATEN HUMBANG HASUNDUTAN**

BINTANG

2024

## **EVALUASI KESESUAIAN LAHAN UNTUK TANAMAN HORTIKULTURA BUNGA (MAWAR, ASTER dan MATAHARI) DI KECAMATAN POLLUNG, KABUPATEN HUMBANG HASUNDUTAN**

BINTANG

## **Community Services**

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2017

## **Pengembangan Tanaman Buah-Buahan di Kecamatan Bonatua Lunasi, Kab Tobasa Untuk Mendukung Pariwisata Danau Toba**

POSMA MANGASI PINTARIA MARBUN , BINTANG

2015

## **Pemulihan Lahan Terbakar dan Berlereng Dengan Multicovercrop, Terasering dan Rorak di Desa Lumban Lobu Toruan, Kec Bonatua Lunasi, Kab Tobasa**

POSMA MANGASI PINTARIA MARBUN , RATNA ROSANTI LAHAY , BINTANG

2023

Ipteks Bagi Masyarakat

## **BUDIDAYA TANAMAN SEHAT DENGAN BAKTERI BERMAMFAAT**

POSMA MANGASI PINTARIA MARBUN , RATNA ROSANTI LAHAY , BINTANG

2021

Ipteks

## **TRANSFER IPTEK PEMBUATAN PUPUK ORGANIK BERKUALITAS BERBASIS BAHAN BAKU LOKAL UNTUK MENUNJANG PROGRAM FOOD ESTATE**

2013

**Penanaman Rumput Vetirier Mengatasi Abrasi Pada Bantaran Sungai Belawan  
di Kelurahan Tanjung Selamat Kecamatan Sunggal Kotamadya Medan**

MARHENI , EDISON PURBA , BINTANG

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