

# **PENGARUH JENIS MEDIA TANAM TERHADAP PERTUMBUHAN DAN HASIL SAWI PUTIH**

## **INTISARI**

Penelitian ini bertujuan untuk mengetahui pengaruh jenis media tanam terhadap pertumbuhan dan hasil tanaman sawi putih, serta untuk mengetahui jenis media tanam yang terbaik untuk pertumbuhan dan hasil tanaman sawi putih. Penelitian ini dilaksanakan dari bulan September 2021 sampai bulan November tahun 2021. Lokasi penelitian di Demplot Sentra Jamur Merang dan Pertanian Terpadu “Lestari Makmur” di Dusun Kepuhan, Desa Argorejo, Kecamatan Sedayu, Kabupaten Bantul, Daerah Istimewa Yogyakarta. Ketinggian tempat penelitian 87,5 meter di atas permukaan laut dengan jenis tanah vertisol. Penelitian ini merupakan penelitian dengan metode Rancangan Acak Lengkap (RAL) faktor tunggal dengan perlakuan berbagai jenis media tanam yang terdiri dari: perbandingan 1:1 antara Tanah + Pupuk Kandang Sapi, Tanah + Arang Sekam, Tanah + Cocopeat, Tanah + Serbuk Gergaji, dan Tanah tanpa tambahan media lain. Hasil penelitian menunjukkan bahwa perbedaan jenis media tanam pada tanah vertisol dapat mempengaruhi tinggi tanaman, jumlah daun, bobot segar tanaman, dan bobot ekonomis sawi putih. Jenis media tanam (tanah+pupuk kandang sapi), (tanah+arang sekam), (tanah+cocopeat), dan tanah vertisol saja dapat meningkatkan pertumbuhan dan hasil sawi putih, dibandingkan dengan media tanam (tanah+serbuk gergaji).

Kata kunci: tanaman sawi putih, jenis media tanam.

**INFLUENCE OF TYPES OF PLANTING MEDIA ON GROWTH AND  
YIELD OF WHITE MUSTARD**

**WAYAN FERDI PRATAMA**  
**18011036**

**ABSTRACT**

*This study was aimed to determine the effect of the type of planting media on the growth and yield of white mustard and to determine the best type of planting medium for the growth and yield of white mustard. This research had been carried out from September 2021 to November 2021. The research location was in the Demonstration of the Merang Mushroom Center and Integrated Agriculture "Lestari Makmur" which is located in Kepuhan, Argorejo Village, Sedayu District, Bantul Regency, Special Region of Yogyakarta. The height of the research site is 87.5 meters above sea level with vertisol soil type. This study was a study with a single factor Randomized Design (RAL) method with the treatment of various types of planting media consisting of a 1:1 ratio between Soil + Cow Manure, Soil + Charcoal Husk, Soil + Cocopeat, Soil + Sawdust, and Soil (vertisol) without the addition of other media. The results showed that differences in the type of planting media in vertisol could affect plant height, number of leaves, fresh weight of plants, and economical weight of white mustard. Types of planting media (soil + cow manure), (soil + charcoal husk), (soil + cocopeat), and vertisol without the addition of another medium could increase the growth and yield of white mustard, compared to planting media (soil + sawdust).*

*Keywords: white mustard, type of planting media.*