

Abstrak

PERTUMBUHAN DAN HASIL TANAMAN SAWI (*Brassica rapa* var. *parachinensis* L.) PADA BEBERAPA JENIS MEDIA TANAM

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Sawi hijau merupakan salah satu sayuran yang digemari masyarakat karena kandungan gizinya serta mudah dibudidayakan. Upaya peningkatan hasil dan kualitas sawi hijau dapat dilakukan melalui pemilihan media tanam yang tepat. Penelitian ini bertujuan untuk mengetahui pengaruh beberapa jenis media tanam terhadap pertumbuhan dan hasil tanaman sawi hijau serta menentukan media tanam terbaik. Penelitian dilaksanakan pada bulan Mei–Juni 2025 di Kecamatan Kedamaian, Kota Bandar Lampung menggunakan Rancangan Acak Kelompok (RAK) dengan empat perlakuan, yaitu P1 (tanah + sekam + pupuk kompos), P2 (tanah + sekam + pupuk kandang sapi), P3 (tanah + sekam + pupuk kandang kambing), dan P4 (tanah + sekam + pupuk kandang ayam). Setiap perlakuan diulang lima kali dengan tiga sampel tanaman setiap perlakuan. Hasil penelitian menunjukkan bahwa perlakuan media tanam memberikan pengaruh nyata terhadap seluruh variabel pengamatan. Perlakuan P2 (pupuk kandang sapi) menghasilkan pertumbuhan tanaman yang terbaik dan berbeda nyata dengan perlakuan P3 (pupuk kandang kambing), P4 (pupuk kandang ayam), sedangkan pada perlakuan P1 (pupuk kompos) menghasilkan hasil terendah.

Kata kunci: media tanam, pertumbuhan, pupuk kandang, sawi hijau

Abstract

GROWTH AND YIELD OF MUSTARD GREENS (*Brassica rapa* var. *Parachinensis* L.) ON SEVERAL TYPES OF GROWING MEDIA

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Mustard greens are one of the vegetables favored by the community due to their nutritional content and ease of cultivation. Efforts to improve the yield and quality of mustard greens can be made through the selection of appropriate growing media. This study aimed to determine the effect of several types of growing media on the growth and yield of mustard greens and to identify the best growing medium. The research was conducted from May to June 2025 in Kedamaian District, Bandar Lampung City, using a Randomized Block Design (RBD) with four treatments: P1 (soil + rice husk + compost), P2 (soil + rice husk + cattle manure), P3 (soil + rice husk + goat manure), and P4 (soil + rice husk + chicken manure). Each treatment was replicated five times with three plant samples per treatment. The results showed that the growing media treatments had a significant effect on all observed variables. Treatment P2 (cattle manure) produced the best plant growth and was significantly different from treatments P3 (goat manure) and P4 (chicken manure), while treatment P1 (compost) resulted in the lowest yield.

Kata kunci: growing media, growth, manure, mustard greens