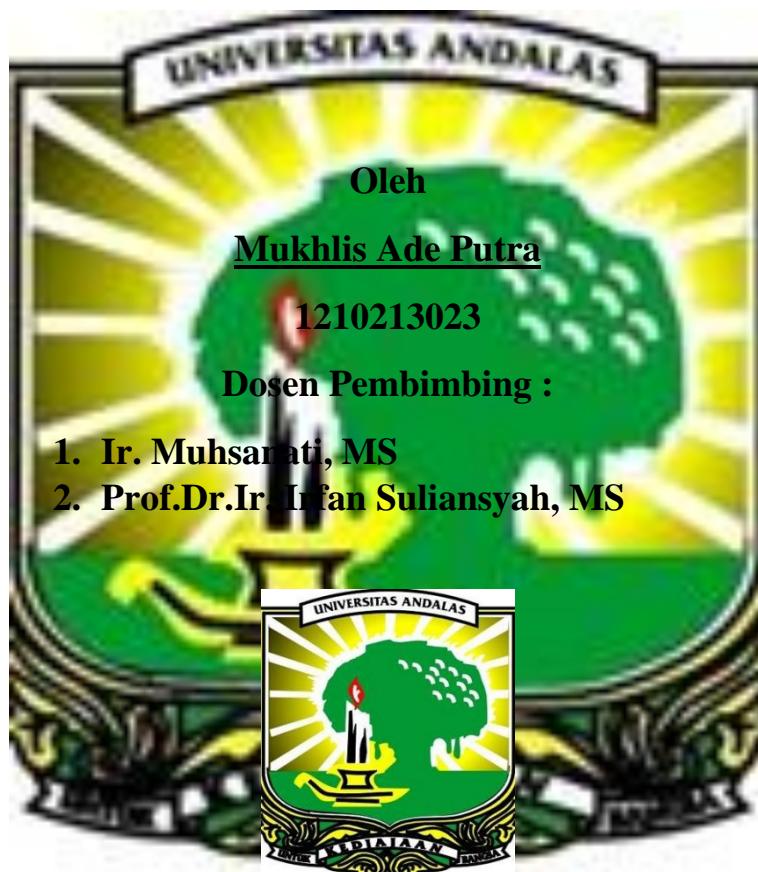


**PENGARUH DOSIS PUPUK KOMPOS JERAMI GANDUM  
TERHADAP PERTUMBUHAN DAN HASIL TANAMAN  
MENTIMUN (*Cucumis sativus* L.)**

**SKRIPSI**



**FAKULTAS PERTANIAN  
UNIVERSITAS ANDALAS  
PADANG  
2019**

## **PENGARUH DOSIS PUPUK KOMPOS JERAMI GANDUM TERHADAP PERTUMBUHAN DAN HASIL TANAMAN MENTIMUN (*Cucumis sativus L.*)**

### **ABSTRAK**

Penelitian ini telah dilaksanakan di UPT Farm, Kebun Percobaan Fakultas Pertanian, Universitas Andalas, Padang, Sumatera Barat. Penelitian ini di mulai dari bulan Oktober sampai Januari 2019.Tujuanya untuk menentukan dosis pupuk kompos jerami gandum terbaik terhadap pertumbuhan dan hasil tanaman mentimun. Rancangan yang digunakan adalah Rancangan Acak Lengkap (RAL) dengan 6 perlakuan dan 5 ulangan. Dosis pupuk kompos jerami gandum yang digunakan yaitu 0 ton/ha (A), 10 ton/ha (B), 20 ton/ha (C), 30 ton/ha (D), 40 ton/ha (E), dan 50 ton/ha (F). Data hasil pengamatan dianalisis menggunakan sidik ragam pada taraf 5% jika terdapat perbedaan yang nyata pada F hitung perlakuan maka lanjutkan dengan uji lanjut DNMRT pada taraf 5%. Hasil penelitian menunjukkan bahwa pemberian dosis 50 ton/ha memberikan pengaruh yang terbaik terhadap pertumbuhan panjang tanaman (cm), lebar helaihan anak daun terlebar (cm), umur muncul bunga pertama (hari), jumlah daun pertanaman (helai), jumlah buah pertanaman (buah), bobot buah (gram), diameter buah (cm) pada tanaman mentimun,dan produksi per hektar

Kata kunci : *Mentimun, kompos jerami gandum, dosis.*



**THE EFFECT OF WHEAT STRAW COMPOST FERTILIZER DOSES ON THE  
GROWTH AND YIELD OF CUCUMBER (*Cucumis sativus* L.)**

**ABSTRACT**

This research was conducted in Experiment at garden of Agriculture Faculty, Andalas University, Padang, from October to January 2019. The purpose of the research is to determine the best dose of the compost fertilizer to the growth and yield of cucumber crops. The design used is complete randomized design (CRD) with 6 treatments and 5 replications. The dose of compost of wheat straw used is 0 ton/ha (A), 10 ton/ha (B), 20 ton/ha (C), 30 ton/ha (D), 40 tons/ha (E), and 50 tons/ha (F). Observation data were analyzed using variance at 5% level if there were significant differences in the F calculated treatment then proceed with further tests DNMRT at 5% level. The results showed that the application of 50 tons/ha gives the best effect on the growth of plant length (cm), the width of the leaf (cm), the age at first Flowering (day), the number of leaves (strands), the number of fruit (fruit), weight of fruit (gram), diameter of fruit (cm), and yield per hectare.

Keywords: *Cucumber, wheat straw compost, dosage.*

