

PENGARUH TAKARAN PUPUK BOKASHI KOTORAN SAPI TERHADAP PERTUMBUHAN DAN HASIL PARE

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian pupuk bokashi kotoran sapi dan menentukan dosis yang paling tepat terhadap pertumbuhan dan hasil pare. Penelitian ini dilaksanakan di Argosari, Sedayu, Bantul dari bulan April sampai Juli 2019. Metode yang digunakan pada penelitian ini adalah rancangan faktor tunggal dengan 5 perlakuan dan 3 ulangan sehingga diperoleh 15 unit percobaan. Rancangan lapangan menggunakan Rancangan Acak Kelompok Lengkap (RAKL). Perlakuan yang diuji merupakan; B1: tanpa bokashi (kontrol), B2: bokashi kotoran sapi 30 ton/ha, B3: bokashi kotoran sapi 40 ton/ha, B4: bokashi kotoran sapi 50 ton/ha, B5: Bokashi kotoran sapi 60 ton/ha. Pemberian pupuk bokashi kotoran sapi meningkatkan pertumbuhan dan hasil pare. Pemberian pupuk bokashi kotoran sapi maupun tanpa pupuk bokashi kotoran sapi menghasilkan pertumbuhan yang tidak berbeda, sedangkan pada dosis 40 ton/ha (B3) memberikan hasil terbaik

Kata kunci: bokashi, pare, pemupukan

**THE EFFECT OF COW BOKASHI MANURE DOSE ON GROWTH AND
YIELD OF BITTER MELON**

ABSTRACT

The aims of this research were to know the effect of bokashi fertilizer and to determine the right dosage on growth and yield of Pare. This research was conducted in Argosari, Sedayu Bantul started from April to Juli 2019. The method used was single factor experiment with five treatments and three repetition thus there were 15 unit of treatments were obtained and compiled in a Complete Randomised Block Design (RCBD). The tested treatments were B1: without bokashi (control), B2: 30 tonnes/ha of cow dirt bokashi, B3: 40 tonnes/ha of cow dirt bokashi, B4: 40 tonnes of ha of cow dirt bokashi and B5: 60 tonnes/ha of cow dirt bokashi. This research indicated that by giving the cow dirt bokashi showing a significant effect on growth and yield of pare. The 40 tonnes/ha of cow dirt bokashi was the best treatments amongst the treatments. By applying fertilizer either with or without cow dirt bokshi showing similar effects on the growth of pare. However, cow dirt bokashi with 40ton/ha (B3) showing the best result on yield of pare amongst the treatments.

Keywords: bokashi, pare , fertilizer