Pemanfaatan Kompos Berbahan Dasar Limbah Substrat Jamur pada Budidaya Horenso

Juang G. Kartika

Bagian Produksi Tanaman, Departemen Agronomi dan Hortikultura, Fakultas Pertanian, IPB
Jl. Meranti, Komplek IPB Darmaga Bogor 16680, Tel/Fax: 0251 629353. Email:ika_juang@yahoo.com

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ABSTRACT

The objective of this experiment was to know the effectivity of compost from mushroom bag log to substitute inorganic fertilizer for horenso culture. This research was conducted from July 2006 until November 2006 at Pasir Sarongge Research Station, Pacet, Cianjur. The experiment was divided into two phases. The first phase was to make compost from mushroom bag log and the second was to cultivate horenso with combination application of bag log compost and inorganic fertilizer. The experiment was arranged in complete randomized design with two factor: the composition of bag log compost and inorganic fertilizer. The result indicated that application of a dosage of inorganic fertilizer + 10 ton/ha chicken manure were give highest score that significantly different in percentation of germination, plant lenght and number of leaves at two weeks after plating. While 10 tons/ ha application of chicken manure singlely were give best respones in plant length and leaves length. Aplication a dosage of inorganic manure singlely give the best responses to leaves length and width, total weight and canopy weight and also to number of leaves at 8 weeks after planting. The aplicaton of compost not yet earned to improved or came up to horenso productivity comparedby conventional fertilizing (a dosage of inorganic fertilizer + 10 ton/ha chicken manure)