

ABSTRAK

The method used in this research is a 2-factor Randomized Group Design (RAK). The manure treatment factor (P) consists of 3 levels, namely: P0 = no manure, P1 = chicken manure 120 g/plant, and P2 = goat manure 120 g/plant. The planting media treatment factor (M) consisted of 3 levels: M0 = top soil, M1 = top soil + bamboo humus (1:1), and M2 = top soil + husk charcoal (1:1). The variables observed in this study were: plant height, number of leaves, leaf length, root length, wet weight, dry weight and harvest index. The results of this study indicate that there is an interaction between the provision of various manures and planting media can increase the growth of pakcoy plants on the variable plant height 2, 3, 4 and 5 and the wet weight of plants 5 weeks after planting. The best treatment is 120 g/plant chicken manure + top soil with bamboo humus, the number of leaves 3 and 4 weeks after planting. The best treatment is 120 g/plant goat manure + top soil, leaf length 2, 3, 4 and 5 weeks after planting. The best treatment is without manure + top soil. Manure treatment can increase the growth of pakcoy plants in plant height variables 2, 3 and 4 weeks after planting, number of leaves 2, 3 and 4 weeks after planting, leaf length 2, 3, 4 and 5 weeks after planting, wet weight 5 weeks after planting, the best treatment is goat manure 120 g/plant, wet weight 5 weeks after planting, the best treatment is chicken manure 120 g/plant. The treatment of planting media can increase the growth of pakcoy plants.

Keywords: Manure, Bamboo Humus, Husk Charcoal