

**GROWTH OF SAMBILOTO PLANT ON VARIOUS PLANTING MEDIA
COMPOSITIONS AND TIME INTERVALS FOR ADMINISTERING OF
Trichoderma sp.**

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ABSTRACT

Sambiloto is a plant that has benefits as a medicine and also as an ornamental plant. Use of organic materials and *Trichoderma* sp. is an alternative to increase the growth and yield of bitter plants. This research aims to determine the composition of the planting media and the time interval for administering *Trichoderma* sp. the best for the growth of bitter plants. The research uses two-factor RAL. The first factor is the composition of the soil planting medium: chicken manure fertilizer: husk charcoal with a media composition of 2:1:1, 1:2:1, 1:1:2. The second factor is the time interval for administering *Trichoderma* sp. which consists of 3 levels, namely K0: without *Trichoderma* sp., K1: once every 5 days (3.75 g/plant), K2: once every 10 days (7.5 g/plant). The results showed that there was an interaction between the treatment of planting media composition and the time interval for administering *Trichoderma* sp. on the parameters of plant height aged 2, 4, 6, 8 WAP, stem diameter aged 2 and 8 WAP, fresh weight per plant, dry weight per plant, root volume, fresh weight per unit, and fresh weight per hectare. The composition of the planting media and the time interval for administering *Trichoderma* sp. equally good for stem diameter parameters aged 4 and 6 MST.

Keywords: Sambiloto, Planting Media, *Trichoderma* sp.