

Pengaruh Penambahan Pupuk Kandang dan Interval Penyemprotan Pupuk Daun Terhadap Produksi Benih Melon (*Cucumis melo* L.) Sistem *Soilless Culture*. (The Effect of Manure Addition and Leaves Fertilizer Sprays Interval on Melon (*Cucumis melo* L.) Seeds Production *Soilless Culture*) Advisor Ir. Titien Suhermiatin, MP. and Yadi Iswadi, SP.

Ahmad Yani Cahyo Sasongko
Program Studi Teknik Produksi Benih
Jurusan Produksi Pertanian
Seeds Production Engineering Study Programme
Agricultural Production Department

ABSTRACT

*The price of AB mix fertilizer which used in soilless culture system currently expensive causing certain seeds company in Indonesia overwhelmed. Furthermore, AB mix fertilizer is becoming rare item among the farmer. This research used Randomized Block Designed factorial which consist of 2 factors, and each factors consist of 2 level. Factor 1, (a) without manure addition (P1), (b) manure addition of 400 grams/crop (P2). Factor 2, (a) NPK plus sprays interval, twice a week (T1), (b) NPK plus sprays interval, once a week The result of this research shows that by 400 grams/plants manure addition (P2) and NPK plus sprays interval twice a week treatment with dosage of 28 ml/16 liters providing very different result (**) on 1000 melon seeds parameter averaging 24.2 grams and 24.4 grams. On the other hand, the flowering age, seeds amount per crop, base yield weight, and germination power parameters does not provide any different result. Furthermore, there is no interaction among two treatments.*

Keywords: *Manure, NPK Plus leaves Fertilizer, Melon seeds production*