

Uji Efektifitas Dosis Pupuk Dasar SP-36 Terhadap Produksi dan Mutu benih Semangka Tanpa Biji 0702 (*Citrullus vulgaris L.*). The Effectiveness Experiment of SP-36 Fertilizer Dose To Seedless Watermelon 0702 (*Citrullus vulgaris L.*) Seed Production and Quality. Advisor : Titien Suhermatien and Nanti Bambang S.

Rendy Gozali Bimayanta

Program Studi Teknik Produksi Benih
Jurusan Produksi Pertanian

ABSTRACT

Watermelon is one of fruit that been fond of Indonesian people. This case is necessary supported with the availability of high quality seedless watermelon seed, so that is necessary to make a technique culture development to increase seed quality. The main aspect that is necessary developed, is fulfill mineral need of watermelon plant in soil to produce high quality seed especially at Phosphorus mineral fulfilling that has function to get good quality seed in quality and quantity. This research has purpose to know the optimal SP-36 fertilizer dose in increasing watermelon seed production and quality. This research was held from July until November 2015 at Rowosari Village, Sumberjambe, Jember, East Java Province and The Laboratory of Benih Citra Asia Ltd. This research used non factorial Randomized Block Design (RBD) with 5 replications. The SP-36 fertilizer dose factor was included SP-36 100 gr/plant (S0), SP-36 125 gr/plant (S1), SP-36 150 gr/plant (S2), SP-36 175 gr/plant (S3), and SP-36 200 gr/plant (S4). The research showed that SP-36 fertilizer dose giving did not affect significant to watermelon seed production and quality.

Keywords: *Seedless Watermelon Seed, Sp-36 Fertilizer Dose, Seed Production And Quality.*