

Aplikasi Pupuk Dasar Sp-36 Terhadap Produktivitas Dan Mutu Benih Beberapa Galur Semangka (*Citrullus vulgaris* L.)
*Application of Sp-36 Basic Fertilizer to Seedproductivity and Quality for Some Watermelon Strain (*Citrullus vulgaris* L.)*
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ABSTRACT

*One of methods to increase the seed productivity and quality of watermelon (*Citrullus vulgaris* L.) are using strain to produce a lot of seeds and apply the right of basic fertilizer dose. This research was held for 4 months, starting on June 2015 until October 2015 at field PT. Benih Citra Asia, Rawasarivillage, Sumber Jambe, Jember. The research was conducted using Strip Plot Design with 2 factors and 3 replications. The first factor is some of watermelon strain in four stages, which are G_1 (S17), G_2 (S18), G_3 (S20), G_4 (S21). The second factor is Sp-36 Basic Fertilizer in five stages, which are P_0 (100 gram), P_1 (125 gram), P_2 (150 gram), P_3 (175 gram), P_4 (200 gram). Using of G_3 (S20) watermelon strain showed a high significant influence on the filled out seeds quantity, the weight seed of 1000 and germination. G_1 (S17) watermelon strain showed a high significant affect on percentage of white seed and percentage of floating seed. Apply of P_4 (200 gram) Sp-36 basic fertilizer dose showed a high significant affect on the filled out seeds weight. The interaction between some of watermelon strain and Sp-36 basic fertilizer dose giving non significant effect on all parameters of observation.*

Key Words: Sp-36, Basic Fertilizer, Strain, Watermelon.