

# **Application manure chicken and kind of varieties to growth and the production of soybean (*Glycine max* (L) . Merr) in organic**

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## **Abstract**

Soybean is one of several commodities plants having economic value and mostly consumed especially because the protein content high. Based on central statistics agency west java it noted that soybean productivity 2014 increased 13,65 % of 14,34 per 100 kg per hectare in 2013 be 16,30 per 100 kg per hectare in 2014 and the need for domestic soybean of 2.4 million tons per year but only 35 % that can be pervaded by domestic production. This research to study the influence of application manure chicken and kind of varieties on growth and the production of the soybean plant. This research using design random a group ( a shelf ) consisting of kind of varieties symbolized with the v ) consisting of 3 level and dosage of manure a chicken with symbol ( a ) consisting 4 level so that there is 12 treatment repeated 3 times and the total number of total are 36 a plot. Factors first ( varieties soybean ) consisting of v1 ( varieties an echo ) , v2 ( varieties grobogan ) and v3 ( varieties baluran ) while the the second factor ( a dose of chicken manure ) consisting of a0 ( without manure chickens ) a1 ( 40 grams of chicken manure per polibag ) a2 ( 80 grams of chicken manure per polibag ) and a3 ( 120 grams chicken manure per polibag ). The results of experiments conducted got that the application of various dosages chicken manure and all kinds of varieties of soybeans to exert an influence very real growth in components of them high in plant age 14 days after cropping and the number of shoots while in a component of production yield had have real impact on the parameter pods pithy the number of the soybean plant is.

**Keywords:** *Soybean (Glycine max (L). Merr) , Manure chicken , Kind of varieties*