

The kind of varieties and fertilizer compost doses goat pen soybean against production (*Glycine max* L.)

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ABSTRACT

The purpose of research is to find varieties which one has the highest production And doses what is good for growth and the production soybean . This research using kind of treatment varieties and dosage manure goats , Which varieties are used is soybean varieties baluran And varieties an echo , while a dose of that is used is control , two kg per a plot, four kg per a plot, six kg per a plot, and eight kg per a plot. Parameter used is measure tall plant start of age fourty days after planting, twenty eight days after cropping and fourty two days after planting , then the prolific branch , the number of pods pithy and pods vacuum , and heavy seeds dry and weighed one hundred seeds. The research results show that the differences varieties this has very real and had have real impact on high the soybean plant was fourty days after planting, and twenty eight days after planting. Doses manure goat influential very real to parameter the number of pods pithy and in interactions manure goat and varieties also affected very real on the number of pods pithy. Parameter weighed one hundred seeds also on varieties, doses manure goat and interaction varieties and dosage of manure goat showed the results of had have real impact on production soybean. Parameter the result of which influential not real is on the parameter tall plant was fourty two days after planting, the prolific branch, the number of pods vacuum, heavy pods per sample and heavy dry seeds per sample. The conclusion is that the use of kind of varieties and dosage of manure this goat the average impact on phase vegetative the soybean plant .

Keywords: *glycine max l, compost, varieties.*