

Applying of Urea Fertilizer and Cow Urine to Production of Corn
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ABSTRACT

The objective of this experiment was to know the effect of urea fertilizer and cow urine application to corn production of BISI-2 variety. This experiment was conducted on September 2015 until January 2016 at Trial Field of State Polytechnic of Jember. This experiment designed by Factorial Randomized Complete Block Design with 2 factor and 3 replication. The first factor was applying Urea fertilizer consisted of 3 level and the second factor was urine of cow applying consisted of 3 level. The result of this experiment showed that Applying of Urea fertilizer and urine of cow gave no significant different among investigated parameter consist of plant height, ear weight of sample, grain weight per sample, ear height, ear width and ear weight per plot. The highest yield was given by applying of urea 100 gram per plot and 30 ml/liter treatment.

Keyword: *Urea Fertilizer, Urine of Cow, Hybrid Corn*