

**ADDITIONAL APPLICATIONS CHICKEN COOP
FERTILIZER AND FERTILIZER ON BIOLOGICAL
OCTABACTER decomposer SEED PRODUCTION AND
QUALITY OF TOMATO (*Lycopersicum esculentum* Mill)**

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ABSTRACT

Tomatoes (*Lycopersicum esculentum* Mill.) Is included in vegetable crops. One effort that can be done to increase the production of tomato plants with quality and seed quality. The addition of organic matter is one solution to improve the production and quality of tomato seeds. The purpose of this study is to know the comparison of dosing Knowing octabacter biological fertilizer and chicken manure decomposer right in seed production and seed quality tomatoes. Research was done from April 2016 to February 2017. The experimental design used is block design (RBD) with 2 factors, called the provision of chicken manure and biological fertilizers. The results showed that the treatment of chicken manure effect on all variables observation. Treatment of biological fertilizers Octabacter decomposer significant effect on the parameters plant height 30 days after planting, stem diameter, number of fruit, fruit weight and the weight of seed planting. The interaction between the treatment of chicken manure and biofertilizers Octabacter decomposer effect on plant height parameter 15 HST dn growing pace, a very significant effect on the parameters plant height 30 days after planting, stem diameter and uniformity grow.

Keywords: organic material, seeds, chicken manure, biofertilizers, tomatoes