

**GROWTH AND YIELD RESPONSE OF LALAP EGGPLANT  
VARIETIES (*Solanum melongena* .L) USING RABBIT URINE  
LIQUID ORGANIC FERTILIZER CONCENTRATION**

**By: Friska Lia Agustin**

**Supervised by: Maryana**

**ABSTRACT**

The eggplant (*Solanum melongena* L.) is a vegetable that has health benefits and a variety of varieties with various shapes and colors, including green and purple. One of the efforts to increase the yield of eggplant is by improving varieties and using organic fertilizers. This study aims to determine the best varieties of eggplant and the concentration of chlorinated urine POC for the growth and yield of green and purple eggplant. The research method uses a factorial (2x4) Complete Random Design (RAL) with two factors. The first factor is that the type of variety consists of 2 levels, namely the purple eggplant variety, the green eggplant variety. The second factor is that the dose of liquid organic fertilizer for rabbit urine consists of 4 treatment levels, namely 6 mL/L, 12 mL/L, 18 mL/L, and 25 mL/L. The results showed that the treatment of green eggplant varieties and the concentration of POC in rabbit urine of 18 mL/L had an interaction on the weight of the fruit, the concentration of 12 mL/L, The green lalap eggplant variety gave the best results, the concentration of 12 mL/L and 18 mL/L POC rabbit urine gave the same results on the plant parameters of 40 HST leaf count, number of fruits, weight of planted fruits and weight of fruits of each harvest in the 1st, 2nd, 5th, 6th, and 7th harvests.

**Key word:** *Eggplant salad, Rabbit urine, Variety*