

**UJI EFEKTIVITAS EKSTRAK BUAH CABAI KECIL (*Capsicum flutescens*  
L.) SEBAGAI PESTISIDA UNTUK PENGENDALIAN ULAT BAWANG (*Spodoptera  
exigua* Hubner)**

**(The effectiveness test of small chili fruit extract capsicum flutescens L as a pesticide to  
control onion worms spodoptera exigua Hubner)**

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***ABSTRACT***

*The productivity of shallots from many years has decrease up to 0.2% which is caused by the attack of army worm *Spodoptera exigua*. One way to control the attack of shallots caterpillars is to use organic pesticides from rotten chili extract. The study aimed to get effective concentration to control shallots caterpillar pests and find out the effect of chili fruit extract on the growth of shallots plants. This study used a completely randomized design method whose implementation was carried out by observing the mortality of shallots caterpillar pests, efficacy and speed of death. Based on the results of the study, all concentrations of rotten chili extract were effective for controlling shallots caterpillar pests but the most effective concentration was 50%. Pesticide rotten chili extract does not effect the growth of shallots from plant height, number of leaves, fresh weight and dry weight of plants.*

*Keywords: concentration, extract, effective, control.*