

**THE EFFECT OF THE USE OF BAEL FRUIT (*Aegle marmelos*) LIQUID
SMOKE ON GRAY WORMERS (*Spodoptera litura* F.) ON PEANUT
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ABSTRACT

The study aimed to determine the effect and concentration of *bael* fruit liquid smoke on armyworm pests on peanut plants. The research was conducted in June-August 2021 with a non-factorial Completely Randomized Design (CRD), the concentration of bael fruit liquid smoke used was 11%, 9%, 7%, 5%, 3%, and controls. The variables were mortality test, attack intensity, efficacy test, wet weight of pods, dry weight of pods, and dry weight of sample seeds. The research on the spraying treatment of bael fruit liquid smoke showed good results with a concentration of 11%. On the spraying of bael fruit liquid smoke, a concentration of 11% showed good results for overcoming armyworm pests and affected the growth of peanuts, especially on the leaves.

Keywords: Peanuts, Bael Fruit (*Aegle marmelos* L. Corr) Armyworms, Liquid Smoke and organic pesticides