

EVALUATION OF PLANT PRODUCTS AGAINST TOBACCO CATERPILLAR, *SPODOPTERA LITURE* (FABRICIUS) ON SOYBEAN

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Abstract: The tobacco caterpillar, *Spodoptera litura* (Fabricius) is the most serious pest of soybean. Plant products or botanical pesticides are the important alternatives to minimize or replace the use of synthetic pesticides. The present study was conducted during *kharif*, 2016 at S K College of Agriculture and Research Station, Kawardha (Kabirdham) Chhattisgarh. The experiment was carried out in RBD design with eight treatments and three replications. Tobacco caterpillar, *S. litura* is the most damaging insect pest of soybean. In the evaluation of plant products against *S. litura* NSKE @5% was found second most effective botanicals after recommended insecticide on soybean after both the sprays 1st as well 2nd with benefit cost ratio of 1.14.

Keywords: Botanicals, Soybean, *Glycine max* (L.), *Spodoptera litura*

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