

**IMPACT OF INTERCROPPING ON INCIDENCE OF MUSTARD WEB WORM
(*CROCIDOLOMIA BINOTALIS* ZELL.)****Kamal Narayan*, R.K.S. Tomar, A.K. Awashti, Archana Kerketta, Lavkush Salame
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Abstract: The experiment was carried out at Research farm of BTC CARS, Bilaspur during *Rabi* 2019-20. A field experiment was laid down in randomized block design (RBD). A study was conducted on the intercropping of mustard with seven crops viz. Wheat, Onion, Garlic, Coriander, Sunflower, Safflower and Linseed against mustard web worm (*Crocidolomia binotalis* Zell.). Intercrop treatment, mustard + coriander was found most effective with minimum larval population 4.23 larvae/plant, maximum 48.60 per cent reduction in larval population, second highest in mustard equivalent yield (3438.50 kg/ha) and with best benefit cost ratio(5.47:1), followed by mustard + safflower (5.66 larvae/plant), mustard + sunflower (6.00 larvae/plant) and mustard + onion (6.10 larvae/plant) with 31.22%, 27.09 % and 25.88 % reduction in larval population, respectively. The maximum larval population 8.23 larvae/plant and lowest benefit cost ratio(1.47:1) was recorded in control i.e. mustard sole crop.

Keywords: (*Crocidolomia binotalis* Zell.) Garlic, Coriander, Sunflower, Wheat, Onion

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