

EFFECTIVENESS OF SOME INSECTICIDE MOLECULES AGAINST ONION THRIPS

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Abstract: The experiment was conducted at Horticultural Research Farm, College of Agriculture, Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G) during Rabi season 2020-2021 to study efficacy of different insecticides against thrips on onion crop revealed Lambda Cyhalothrin 5% + Fipronil 12.5% ZC @ 400 ml ha⁻¹ as most effective treatment followed by Lambda Cyhalothrin 5% + Fipronil 12.5% ZC @ 300 ml ha⁻¹ Whereas Lambda Cyhalothrin 5% EC @ 300 ml ha⁻¹ was least effective as it recorded highest thrips population per plant. The highest bulb yield were registered by Lambda cyhalothrin + fipronil 5% ZC @ 400 ml (11.19 t/ha) and the maximum benefit cost ratio (1: 8.07) was recorded with same insecticide.

Keywords: Bio efficacy, *Thrips tabaci*, Insecticides, Management, Onion

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