

EVALUATE THE EFFICACY OF SOME NOVEL CHEMICAL INSECTICIDES ON NATURAL ENEMIES IN MAIZE

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Abstract: For present studies entitled “To evaluate the effect of novel insecticides on natural enemies in Maize”, were conducted in randomized block design with three replications of seven treatments for years *i.e.* "kharif, 2011 at crop research centre, chirori, Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut (U.P.) 250110. The coccinellids population decreased markedly due to application of different insecticides. The effect of different treatments on coccinellids population was recorded at 15, 30, and 45 days after sowing the maize crop. The minimum population of coccinellids (2.4, 3.13 and 3.87) was recorded in chlorantraniliprole 18.5 sc@4ml/kg seed or 350ml/ha. The highest population (14.68, 10.81 and 11.67) was recorded in untreated control.

Keywords: Population, Chemical insecticides, Maize

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