

Resurgence of red legged spider mite, *Tetranychus ludeni* Zacher against synthetic, botanical and fungal origin pesticides on brinjal crop

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ABSTRACT : The brinjal crop was treated with dicofol 18.5% EC, omite 57% EC, ethion 50% EC, sulphur 80% WP, NSKE, azadiractine, neem oil and mycomite to check the enhancement of the population of red legged spider mite, *Tetranychus ludeni* Zacher in 2014. The dicofol 18.5% EC, Omite and ethion were showed negative resurgence, -35.26%, -38.11%; -26.60%, -28.25% and -9.64%, -26.69% that acaricides don't support the enhancement of population and mycomite showed positive resurgence, + 32.82%, + 18.35%, NSKE 5% (+3.34, +4.89), azadirachtin (+5.08, +3.49) and neem oil (+3.75, +4.18) where as sulphur showed very less positive resurgence in the 1st and 2nd spray,+1.01,+1.03, respectively.

Key Words: Brinjal (egg plant), red legged spider, *Tetranychus ludeni*, botanical, fungal pesticides.