



## Research Note

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# Effect of chemicals and insecticides on defoliation in pomegranate (*Punica granatum* L.) cv. KESAR

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**ABSTRACT :** A field experiment was conducted on defoliation of pomegranate in pomegranate variety kesar on farmers field in Jumnal village, Dist. Bijapur Karnataka state. In pomegranate defoliation by ethopan 39 per cent SL which helps in translocation back of the nutrient to the branches by means of senescence. The other chemicals like thiourea, insecticides like metacid and profenophos are also under use by the pomegranate growers by mean of formation of abscisic layer. The ethopan 39 per cent SL was used at a concentration of 1000 ppm, where as thiourea alone 3 g/ liter, ethrel 39 per cent SL 1ml + thiourea 3g + 2g DAP/litre, metacid 2ml /litre, profenophos 2ml/litre for defoliation purpose in pomegranate. The defoliation of pomegranate was effective with ethrel 1000ppm as compared to metacid 2ml/litre and profenophos 2ml per litre of water, urea phosphate 5g/litre.

**KEY WORDS :** Insecticides, Ethopan, Profenophos, Thio urea, Metacid, Urea Phosphate, Pomegranate

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