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TESTING OF BIOEFFICACY OF NEW MOLECULE, FLUBENDIAMIDE 480SC (FAME 480SC) AGAINST LEAF WEBBER CUM FRUIT BORER, *PEMPELIA MOROSALIS* (SAALM ULLER) IN *JATROPHA CURCAS*

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ABSTRACT: Testing of bio-efficacy of the new molecule, Flubendiamide 480 SC against leaf webber cum fruit borer, *Pempelia morosalis*, conducted at the Agro-forestry research farm, IGKV, Raipur, during 2011-12 resulted, Flubendiamide 480 SC (Fame 480SC) @ 48 g.a.i/ha (T4) as the best among the various treatments, as it recorded minimum number of larvae *i.e.* 1.61, 1.27 and 0.93 after 3 days, 7 days and 10 days after treatment respectively. As far as percent mortality of larvae was concerned, it was also maximum in (T4) Flubendiamide 480 SC (Fame 480SC) @ 48 g.a.i/ha with maximum mean percentage mortality of 35.52%, 33.59% after 3 days and 7 days of treatment respectively. However, after 10 days of treatment Flubendiamide 480SC (fame 480SC)/@96 g.a.i (T5) proved to be the best treatment with a maximum of 55.55 per cent larval mortality.

Keywords: *Biofuel, Fruit borer, Insecticide*