

**AVOIDABLE LOSSES AND REDUCTION IN OIL CONTENT OF
JATROPHA CURCAS SEEDS DUE TO THE INFESTATION OF
BUG, CHRYSOCORIS PURPUREUS (West.)
(HEMIPTERA : SCUTELLERIDAE)**

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ABSTRACT: Determination of oil content in *Jatropha curcas* seeds due to infestation of bug, *Chrysocoris purpureus*(Westw) at five levels namely, healthy/no damage, low damaged, moderately damaged, highly damaged and severely damaged seeds based on simple visual observations revealed that the level of oil content differed significantly from healthy (48.20%), low damaged (45.20%), moderately damaged (39.20%), highly damaged (32.82%) and severely damaged (14.60%) seeds. The avoidable loss in oil content due to the bug, *C. purpureus* was estimated to be 6.22, 18.67, 31.91 and 69.71 per cent in low damaged, moderately damaged, highly damaged and severely damaged seeds respectively.

Keywords : *Insect pest, Loss assessment, Ratanjyot*