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

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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