Management of Bruchid, *Callosobruchus Maculatus* Fab. through Monitoring and Chemical Interventions in Stored Pulses

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ABSTRACT

The incidence of pulse bruchid, *Callosobruchus maculatus* was monitored using TNAU- two in one model funnel traps in stored pulses including bengalgram, redgram, blackgram and greengram at Agricultural Research Station, Darsi, Prakasam district, Andhra Pradesh during Rabi, 2015-16. Among these pulses, the mean numbers of pulse bruchids per trap were maximum (58.67 and 61.67 respectively) during 11th and 12th standard weeks in greengram, indicating its higher susceptibility to *C. maculatus* compared to blackgram, redgram and bengalgram. After each spraying, there was an immediate drop in the trap catches and following the third spraying, the emergence of adults from all the pulses was found negligible. Thus, chemical intervention as surface treatments while monitoring bruchid incidence using the TNAU- two in one model funnel traps could effectively minimize the population buildup in stored pulses.

Key Words: *Funnel traps, monitoring, pulse bruchid*