

**OVIPOSITION, FECUNDITY AND EGG STRUCTURE OF *CHRYSOCORIS STOLLI*
WOLF (HETEROPTERA-PENTATOMID AE-SCUTELLERINAE)**

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ABSTRACT

Chrysocoris stollii Wolf, a polyphagous phytosucciverous bug, infests various crops of economic value such as *Cassia occidentalis*, *Croton sparisiflorum*, *Litchi chinensis*, *Pennisetum typhoides*, and *Jatropha curcas* etc. in Saharanpur district and adjacent areas. An average of 60.4 hrs. pre-ovi position period is required. Female *Chrysocoris stollii* laid a maximum 97 eggs and minimum 6 eggs during her life time with an average of 50 eggs. It was observed that many times copulated female laid comparatively less eggs than once copulated female. Fecundity decreases with the increase in age and during last days of her life female did not lay eggs. Colour of laid eggs changes gradually from milky white to yellowish, orangish and atlast reddish. Length of eggs varies from 2.66 to 3.2mm and width 1.55 to 1.9mm, average length being 2.96mm and width 1.72mm,. Egg chorion is smooth and there is a ring of micropylar processes on cephalic end. Number of micropylar processes varies in a ring from 24 to 28 with an average of 26. Each process is comma shaped and bears a cuplike knob and a stem. It has a micropylar canal which opens inside the egg.

KEYWORDS: *Chrysocoris Stollii*, Oviposition, Fecundity, Egg Structure