

# Effect of Vitamins and Inorganic Salts on the Growth of the Red-Striped Golden Stink Bug, *Poecilocoris lewisi* Distant (Hemiptera: Pentatomidae) in Indoor Rearing

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The effect of vitamins and inorganic salts on the growth of *poecilocoris lewisi* in indoor rearing was investigated to develop continuous rearing method. The insect was reared in CE room (25°C, 16L · 8D), and fed by peanuts (substitute food).

Feeding the peanut added vitamins and inorganic salts, emergence rate, adult longevity and oviposition frequency of this insect increased significantly compared with feeding only raw peanuts.

The experiment on each vitamin and inorganic salt requirement revealed that the deficiency of biotin or folic acid resulted in the decrease of emergence rate and female fecundity.

Also magnesium and copper were found to be very important elements in the growth of nymph and emergence. On the other hand, manganese had a wrong effect on the emergence of this insect.