

## **The Study of Effect of Diet Larval on Attraction Female Individuals *Ectomyelois ceratoniae*.**

### **Abstract:**

Diet larval of *Ectomyelois ceratoniae* (Zeller) is effect on attraction female individuals. Ingredients of sex pheromone of *Ectomyelois ceratoniae* has been recognized, but complex of chemical structure not having good stability in natural condition (Baker et al., 1991). Therefore, we can use trap pheromones from reared female moth. The experiment has been prepared by randomly complete block design with three replication and different food treatment for two years (2006-2007). The pest which used for this experiment bring them from laboratory (reared moth) by method Mehrnejad (1991) on pomegranate, fig and prepared artificial food. Traps have been put on the lines of pomegranate and fig orchard trees for a 9 days on time was on sunset by height of 1/5 m above ground in East-West with distance 30 m from each others, numbering on traps for the male moth next day on the morning will be stored.

Results, different food treatment attractive by female moth showed significant differences on average of traps which caught of moths from pomegranate tree in pomegranate orchard but, results not showing any significant difference of reared moth from traps which has been caught of moth from fig trees in fig orchard and average of diet artificial traps pheromones in orchard of pomegranate and fig not significant differences but was less pomegranate and fig treatments.

At end treatment and orchard effective showed significant differences. Therefore Effect of Diet Larval on Attraction Female Individuals *Ectomyelois ceratoniae*.

**Key word:** Pomegranate- Fig- *Ectomyelois ceratoniae*- Natural sex pheromone- diet artificial- Reared Moth- Host plant.