

## CHAPTER 7

## CONCLUSIONS AND SUGGESTIONS

**7.1 Conclusions**

From this research, it can be concluded that:

1. Red pepper (*Capsicum annuum*) has insecticidal effect towards fire-ants (*Solenopsis* species) by using spraying method.
2. The higher the concentration of the red pepper extract, the higher potential as an insecticide towards fire-ants (*Solenopsis* species). [Optimum dose- 20%]
3. The longer the time of exposure, the higher potential as an insecticide towards fire-ants (*Solenopsis* species).

**7.2 Suggestions**

1. Further research should be done to determine the toxicity of red pepper (*Capsicum annuum*) towards human and environment.
2. It is suggested that researches about the influences of external factors such as temperature, humidity and storage time against insecticidal potency of red pepper extract should be done.
3. More investigations should be done about the potential insecticide effects of red pepper (*Capsicum annuum*) on different species of ant.