

CONTENT

- i. Certificate
- ii. Declaration
- iii. Acknowledgement
- iv. Content
- v. List of tables
- vi. List of figures
- vii. List of plates
- viii. List of abbreviation and symbols

	Page No.
CHAPTER 1: INTRODUCTION	1-8
CHAPTER 2: REVIEW OF LITERATURE	9-36
CHAPTER 3: MATERIALS AND METHODS	37-56
CHAPTER 4: RESULTS	57-87
4.1: Meteorological data	
4.2: Evaluation of host plants	
4.3: Study on the total hemocyte count of <i>S. ricini</i> fed on different host plants	
4.4: Study on the differential hemocyte count of the hemolymph of <i>S. ricini</i> fed on different host plants	
4.5: Study on the effect of host plants on biological and economic parameters of <i>S. ricini</i>	
4.6: Study on the biochemical parameters of <i>S. ricini</i> reared on different host plants	
4.7: Study on the nutritional content of <i>S. ricini</i> fed on different host plants	
4.8: Study on the scavenging and antioxidant activity of <i>S. ricini</i> fed on different host plants	
4.9: Study on immunological response of <i>S. ricini</i> fed on different host plants using enzyme assay	
CHAPTER 5: DISCUSSIONS	91-111
SUMMARY	112-114
REFERENCES	115-154
APPENDICES	i-viii