

TABLE OF CONTENTS

| | |
|---|-------------|
| COVER | i |
| APPROVAL PAGE | iii |
| STATEMENT | iv |
| ABSTRACT | v |
| BIOGRAPHY | vi |
| PREFACE | vii |
| TABLE OF CONTENTS | viii |
| LIST OF TABLES | x |
| LIST OF FIGURES | xi |
| LIST OF APPENDIXES | xi |
| CHAPTER I INTRODUCTION | 1 |
| A. Background..... | 1 |
| B. Problem Statements | 5 |
| C. Research Aim | 5 |
| D. Benefits of The Research..... | 6 |
| CHAPTER II LITERATURE STUDY | 7 |
| A. Asian Citrus Psyllid (<i>Diaphorina citri</i>)..... | 7 |
| B. Neem (<i>Azadirachta indica</i>) | 11 |
| C. Wormwood (<i>Artemisia vulgaris</i>)..... | 14 |
| D. Plant Volatile Compound | 18 |
| E. Frame of Thinking..... | 20 |
| F. Hypothesis | 21 |

| | |
|--|-----------|
| CHAPTER III RESEARCH METHODS..... | 22 |
| A. Place and Time of Research | 22 |
| B. Materials and Tools | 22 |
| C. Research Implementation | 23 |
| D. Observation Parameters..... | 32 |
| E. Data Analysis..... | 34 |
| CHAPTER IV RESULT AND DISCUSSION..... | 35 |
| A. Result..... | 35 |
| B. Discussion..... | 52 |
| CHAPTER V CONCLUSSION AND SUGGESTION..... | 60 |
| A. Conclussions..... | 60 |
| B. Suggestions..... | 60 |
| REFERENCES | 61 |
| APPENDIX | |