

TABLE OF CONTENTS

COVER	i
APPROVAL PAGE	iii
STATEMENT	iv
ABSTRACT	v
BIOGRAPHY	vi
PREFACE	vii
LIST OF TABLE	x
LIST OF FIGURE.....	xi
CHAPTER I INTRODUCTION	1
A. Background	1
B. Problem Statements.....	5
C. Research Aim	5
D. Significance	5
CHAPTER II LITERATURE REVIEW.....	7
A. Citrus Vein Phloem Degeneration.....	7
B. <i>Diaphorina citri</i>	9
C. <i>Artemisia vulgaris</i> Essential Oil.....	11
D. Kaolin	14
E. Plant Volatiles	15
F. Framework of Thought.....	16
G. Hipotesis.....	18
CHAPTER III RESEARCH METHOD	19
A. Place and Time of Research	19
B. Material, Tools, and Method	19
C. Research Implementation	21
D. Observation Parameter	30
E. Data Analysis	32
CHAPTER IV RESULT AND DISSCUSION	33
A. RESULT.....	33

1. Non-Choice Test with round cage	33
2. Choice Test with Y-tube Olfactometer.....	43
3. Persistence test.....	47
4. Effect of treatment on the growth of the citrus plant.....	51
B. DISSCUSION	54
1. Non-Choice Test with round cage	54
2. Choice Test with Y-tube Olfactometer.....	55
3. Effect of treatment on the growth of the citrus twigs	57
CHAPTER V CONCLUSION AND SUGGESTION	59
A. Conclusion.....	59
B. Suggestion	59
REFERENCES.....	60