

TABLE OF CONTENTS

	Page
TITLE	i
APROVAL PAGE	ii
STATEMENT	iii
ABSTRACT	iv
BIOGRAPHY	v
PREFACE	vi
TABLE OF CONTENTS	vii
LIST OF TABLES	ix
LIST OF FIGURE	x
APPENDIX LIST	xi
CHAPTER I INTRODUCTION	1
A. Background.....	1
B. Problem Statement.....	3
C. Purpose of Research	4
D. Benefit of Research.....	5
CHAPTER II LITERATURE REVIEW	6
A. Theoretical Foundations	6
1. Rice Plant	6
2. Rice Bug (<i>Leptocorisa oratorius</i>)	9
3. <i>Beauveria bassiana</i>	12
4. Propagnation of <i>Beauveria bassiana</i> Fungal.....	14
B. Teoritical Framework	15
C. Hypothesis	16
CHAPTER III MATERIALS DAN METHODS	17
A. Research Place and Schedule.....	17
B. Materials and Equipment	17
C. Research Method	18
D. Implementation of Research	19
E. Analysis	25

CHAPTER IV RESULTS AND RESULTS ANALYSIS	26
A. Effect of Propagation Media and Acetic Acid Concentration on the pH Value of Cultivation Media.....	26
B. Effect of Propagation Media and Acetic Acid Concentration on Conidia Density of <i>B.bassiana</i> Fungal.....	27
C. Effect of Propagation Media and Acetic Acid Concentration on the Germination of <i>B.bassiana</i> Fungal.....	28
D. Effect of Propagation Media and Acetic Acid Concentration on Daily Mortality of Rice Bug Pest.	28
E. Effect of Propagation Media and Acetic Acid Concentration on Lethal Time 50 (LT50).....	33
F. Effect of Propagation Media and Acetic Acid Concentration on Average Harvested Dry Grain Weight (gram)	34
CHAPTER V DISCUSSION AND CONCLUSION	36
A. Discussion.....	36
B. Conclusions	45
C. Suggestions.....	46
BIBLIOGRAPHY	47
APPENDIX	52