

C O N T E N T S

		Page
I	INTRODUCTION ...	1
II	MATERIALS AND METHODS ...	37
III	RESULTS AND DISCUSSION	
	Survey for pathogens associated with white grub (<u>H. consanguinea</u>) ...	65
	Pathogenicity of <u>B. popilliae</u> var. <u>holotrichiae</u> against some species of white grub ...	73
	Mass propagation of <u>B. popilliae</u> var. <u>holotrichiae</u> ...	82
	Methods of <u>B. popilliae</u> var. <u>holotrichiae</u> application ...	90
	Efficacy of <u>B. popilliae</u> var. <u>holotrichiae</u> against <u>H. consanguinea</u> ...	92
	Dispersal of <u>B. popilliae</u> var. <u>holotrichiae</u> by birds ...	96
	Growth and sporulation of <u>B. brongniartii</u> on various laboratory media...	102
	Pathogenicity of <u>B. brongniartii</u> against different stages of important species of white grub ...	110
	Pathogenicity of <u>B. brongniartii</u> to some destructive insect pests...	118
	Mass production of <u>B. brongniartii</u> ...	121
	Efficacy of <u>B. brongniartii</u> against white grubs ...	129
	Compatibility of <u>B. brongniartii</u> with some pesticides and <u>B. popilliae</u> ...	136
IV	SUMMARY AND CONCLUSIONS ...	155
V	BIBLIOGRAPHY ...	162