

**THESIS**

**EFFECTS OF  $\alpha$ -AMYLASE INHIBITOR ON THE DEVELOPMENT OF  
*Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae)**

**ITTIPON BANNAKAN**

**A Thesis Submitted in Partial Fulfillment of  
the Requirements for the Degree of  
Master of Science (Agriculture)  
Graduate School, Kasetsart University**

**2007**