

**CHARACTERIZATION AND PRODUCTION OF  
BIOPLASTICS FROM COFFEE PULPS**

**KUNTAPAS KUNGSUWAN**

**MASTER OF SCIENCE**

**IN AGRO-INDUSTRIAL PRODUCT DEVELOPMENT**

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**GRADUATE SCHOOL**

**CHIANG MAI UNIVERSITY**

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BIOPLASTICS FROM COFFEE PULPS**

**KUNTAPAS KUNGSUWAN**

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE**

**IN AGRO-INDUSTRIAL PRODUCT DEVELOPMENT**

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