

**THE POTENTIAL OF EMPTY FRUIT BUNCH (EFB) BIOCHAR  
PRODUCED FROM MODIFICATION OF GAS BURNER (MGB) AS A SOIL  
AMENDMENT AT DIFFERENT TEMPERATURE LEVEL AS COMPARED  
TO TOP LID UPDRAFT (TLUD) AND MUFFLE FURNACE HEATING**

**SYED AHMAD IBRAHIM AL-KIRED B S. HASAN**

**Final Year Project Report Submitted in  
Partial Fulfillment of the Requirement for the  
Degree of Bachelor of Science (Hons.) Technology and Plantation Management  
in the Faculty of Plantation and Agrotechnology  
Universiti Teknologi MARA**

**JANUARY 2018**