APPROVAL PAGE

UNDERGRADUATE THESIS

COCONUT SHELL BIOCHAR AND SPENT COFFEE GROUNDS:

EFFECTS ON CHERRY TOMATO YIELD, SOIL CARBON AND

NITROGEN

Written by:

ELISA ZEYN RAFIA

21/22743/ANTAN

This thesis has been successfully defended and duly approved by the examiners of the Agrotechnology Study Program, Faculty of Agriculture, Stiper Yogyakarta on September 19, 2025.

Primary Advisor

Secondary Advisor

Fariha Wilisiani, S.Si. M. Biotech. Ph.D

Amir Noviyanto, SP. M.Sc.

Dean of the Faculty of Agriculture