

Dissertation

**EVALUATION OF TRAP DESIGNS AND ATTRACTANTS FOR
MONITORING THE ASIAN CITRUS PSYLLID (*Diaphorina citri*) AND
DEVELOPMENT OF A MAXTENT MODEL TO PREDICT THE
POTENTIAL DISTRIBUTION OF ACP IN INDONESIA**

submitted to:

Doctor Study Program of Agricultural Science

Major in Plant Pest Science

for the Degree of Doctor



Submitted by

Haris Setyaningrum
20/470201/SPN/00681

to

POSTGRADUATE PROGRAM
FACULTY OF AGRICULTURE
GADJAH MADA UNIVERSITY
2025

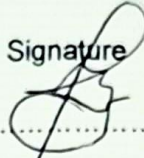
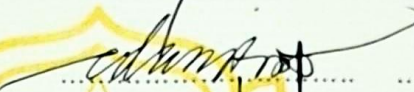




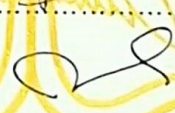

DISSERTATION

EVALUATION OF TRAP DESIGNS AND ATTRACTANTS FOR MONITORING THE ASIAN
CITRUS PSYLLID (*Diaphorina citri*) AND DEVELOPMENT OF A MAXTENT MODEL TO
PREDICT THE POTENTIAL DISTRIBUTION OF ACP IN INDONESIA

Submitted by

Haris Setyaningrum
20/470201/SPN/00681



Has been defended in front of Examiner Board
on July 22, 2025

	Signature	Date
Prof. Tri Joko S.P., M.Sc., Ph.D. Promotor		July 22, 2025
Prof. Dr. Ir. Edhi Martono, M.Sc. Co-Promotor 1		July 22, 2025
Alan Soffan, SP., M.Sc., Ph.D. Co-Promotor 2		July 22, 2025
Dr. Jianhua Mo Co-Promotor 3		July 22 nd , 2025
Dr. Ir. Arman Wijonarko M.Sc Examiner 1		July 22, 2025
Prof. Dr. Ir. Siti Subandiyah M.Agr. Sc Examiner 2		July 22, 2025
Dr. Ir. Nugroho Susetya Putra M.Si Examiner 3		July 22, 2025
Dr. Ir. Mofit Eko Poerwanto M.P. Examiner 4		July 22, 2025

This dissertation was declared acceptable in partial fulfillment of the requirements for
doctoral degree in Agricultural Sciences

Date, 24 Juli 2025

Approved by
Dean of the Faculty of Agriculture
Universitas Gadjah Mada



Ir. Jaka Widada M.P., Ph.D



STATEMENT

I hereby declare that this dissertation has never been submitted to obtain an academic degree at any university and to my knowledge does not contain works or opinion that have been written or published by others, except intentionally are clearly cited in this manuscript and listed in references.

Yogyakarta 28 Juli 2025



Haris Setyaningrum