

**CUE – LURE ATTRACTED *Bactrocera spp.* IN AREAS GROWN WITH
ECONOMICALLY IMPORTANT HOST PLANTS**

ARVEE DAYAO VILLAMAYOR

An undergraduate manuscript presented to the faculty of the Department
of Crop Protection, College of Agriculture in partial fulfilment
of the requirements for the degree

**BACHELOR OF SCIENCE IN AGRICULTURE
(Crop Protection – Entomology)**

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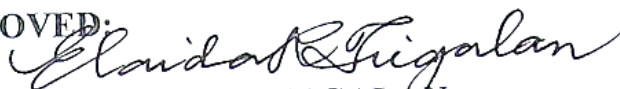
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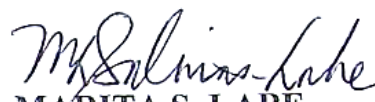
ARVEE DAYAO VILLAMAYOR

An undergraduate thesis manuscript presented to the faculty of the Department of Crop Protection, College of Agriculture, in partial fulfillment of the requirements for the degree of Bachelor of Science in Agriculture major in Crop Protection


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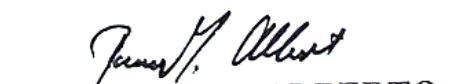
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BIOGRAPHICAL SKETCH

The author was born on October 3, 1995 at San Antonio District Hospital. He lives in Sta. Cruz, San Antonio, Nueva Ecija. He is the only child of his mother Armida D. Villamayor.

He finished her elementary in San Antonio Central School and her secondary education at San Antonio Montessori School, Nueva Ecija. On his 2nd year level he became the top 1 in his class, and on his 3rd year level he joined the Citizenship Advancement Training and he became the Corps Commander on his 4th year level. After finishing his high school, he took the entrance examination in Central Luzon State University, and was given a chance to study.

He was first admitted to Central Luzon State University as a Common First Year where he planned to take up Doctor of Veterinary Science and Medicine and unluckily he did not pass the interview and then decided to shift course and took up Bachelor of Science in Agriculture. He majored Crop Protection specializing in Entomology. He became a member of the Pest Management Society and after a year he was elected as Vice President. He also joined the Christ in Central Luzon Campus Ministry where he became a Committee Head.

Through the encouragement and trust of her critic, she joined the DC-SUC III 14th Skills Olympics held at the Nueva Ecija University of Science and Technology, Gabaldon campus, where he became the Champion in Pest Identification Category.

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CUE – LURE ATTRACTED *Bactrocera spp.* IN AREAS GROWN WITH ECONOMICALLY IMPORTANT HOST PLANTS^{1/}

by

ARVEE DAYAO VILLAMAYOR

ABSTRACT

Cue – lure attracted *Bactrocera spp.* was determined in areas grown with economically important host plants. *Bactrocera cucurbitae* was the sole species collected from municipalities of Nueva Ecija (Aliaga, Bongabon, Cuyapo, General Tinio, Guimba, Llanera, Pantabangan, Quezon, Rizal, San Antonio, Zaragoza). Highest catches of *B. cucurbitae* were collected in San Esteban, Rizal. Number of host available in the area affects the numbers of catches. Insecticide application and its interval of application affected the numbers of fruit flies collected.

^{1/}An undergraduate thesis outline presented in partial fulfillment of the requirements for graduation with the degree of Bachelor of Science in Agriculture major in Crop Protection from Central Luzon State University, Science City of Muñoz, Nueva Ecija. Prepared in the Department of Crop Protection under the supervision of Dr. Elaida R. Fiegalan with Research Contribution No. CA – 03 – 17 – 0003.

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