

**MAJOR PRACTICE IN LEAFY VEGETABLE PRODUCTION AT  
CENTRAL LUZON STATE UNIVERSITY HYDROPONICS  
AND AQUAPONICS TECHNOLOGIES (CHAT)**

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An undergraduate major practice manuscript presented to the faculty of the  
Department of Crop Science, College of Agriculture,  
Central Luzon State University in partial  
fulfillment of the requirements  
for the degree

**BACHELOR OF SCIENCE IN AGRICULTURE  
(CROP SCIENCE - HORTICULTURE)**

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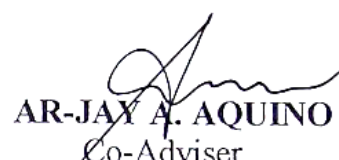
This major practice report entitled “**MAJOR PRACTICE IN LEAFY VEGETABLE PRODUCTION AT CENTRAL LUZON STATE UNIVERSITY HYDROPONICS AND AQUAPONICS TECHNOLOGIES (CHAT)**”, prepared and submitted by **VLADIMIR S. TACMO**, in partial fulfillment of the requirements for the degree Bachelor of Science in Agriculture, (Crop Science), is hereby accepted.



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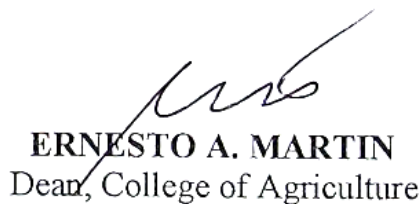


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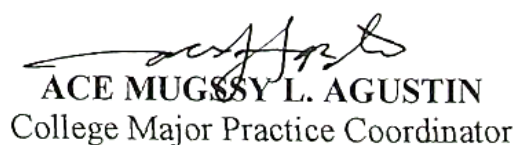


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## **BIOGRAPHICAL SKETCH**

The author, Vladimir Saclamitao Tacmo was born on January 22, 1997 at San Isidro, Lupao, Nueva Ecija. He is the oldest son among the two siblings of Mr. Edwin Pajarillo Tacmo and Mrs. Feliza Saclamitao Tacmo. His brother is named Wilmer and they both live in San Isidro, Lupao, Nueva Ecija. Vladimir is usually called “Vlad” by his friends and “Amier” by his family.

He completed his primary education with an honor at San Isidro Elementary School, San Isidro, Lupao, Nueva Ecija in 2009 and his secondary education with 3<sup>rd</sup> honorable mention award at San Isidro National High School, San Isidro Lupao, Nueva Ecija in 2013.

After completion of his secondary education, he decided to take the admission test in Central Luzon State University and successfully passed the test and enrolled to pursue his higher education. He took up Bachelor of Science in Agriculture major in Crop Science with specialization in Horticulture.

During his college days, he learned valuable things in the University. These are leadership skills, self-confidence, self-reliance and being independent. He joined a college-based organization the Society of Crop Science Majors (SCSM) which helped him develop his personality and improve his social interactions and gained more friends.

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**VLADIMIR SACLAMITAO TACMO**

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## ABSTRACT

**VLADIMIR S. TACMO**, Department of Crop Science, College of Agriculture,  
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**Title:**           **Major Practice in Leafy Vegetable Production Central Luzon  
Hydroponics and Aquaponics Technologies (CHAT)**

**Venue:**        Central Luzon State University Hydroponics and Aquaponics  
Technologies  
                  Demonstration Farm and Experiment Station of the Department of  
                  Agricultural and Biosystem Engineering,  
                  College of Engineering  
                  Science City of Muñoz, Nueva Ecija.

**Adviser:**     **Pacifico T. Vizmonte Jr**

The Major Practice (MP) was conducted at the Central Luzon State University Hydroponics and Aquaponics Technologies (CHAT), Demonstration Farm and Experimental Station of the Department of Agricultural and Biosystem Engineering, under the college of Engineering, Central Luzon State University from October 2017 to December 2017.

The general objective of the major practice was develop skills of the student to the production management of leafy vegetables using hydroponics technology and to gain more knowledge about cultural management and post-harvest practice in leafy vegetable, to produce 2.40 kg of leafy vegetables every growing season, to determine which is more profitable leafy vegetable grown using hydroponics technologies and to present profitability analysis of hydroponics using cost and return analysis.

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