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,
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fulfillment of the requirements
for the degree

BACHELOR OF SCIENCE IN AGRICULTURE
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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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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 3rd 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 develope 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, Central Luzon State University, Science City of Muñoz, Nueva Ecija, January 2018.

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 Departmenr 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 develope 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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