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VEGETABLE PRODUCTION USING SQUARE FOOT GARDENING
AT ZACKY'S FARM, AMALDEO, CAVITE

Farm Practice

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**LETTUCE PRODUCTION USING SQUARE FOOT GARDENING
AT ZACKY'S FARM, AMADEO, CAVITE**

A Farm Practice Report
Submitted to the Faculty of the
Cavite State University
Indang, Cavite

In partial fulfillment
of the requirements for the degree of
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(Major in Horticulture)



*Lettuce production using square foot
gardening at Zacky's farm, Amadeo, Cavite
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ABSTRACT

DIOMAMPO, LANIE JANE V. Lettuce Production Using Square Foot Gardening at Zacky's Farm, Amadeo, Cavite. Farm Practice Report. Bachelor of Science in Agriculture major in Horticulture. Cavite State University, Indang, Cavite. April 2009. Adviser: Dr. Adelaida E. Sangalang.

Internship on the production of lettuce using square foot gardening was undertaken at Zacky's Farm, Brgy. Pangil , Amadeo, Cavite. The student trainee was exposed to hands-on activities such as media preparation, seedling preparation, sowing, plot preparation/cultivation, transplanting, watering, fertilizing, weeding and harvesting.

Organic practices were followed in the farm. A production trial involving application of Bokashi and different concoctions such as Indigenous Microbial Organisms (IMO), Fermented Plant Juice (FPJ), Fermented Fruit Juice (FFJ) and Fermented Fish Amino Acid (FAA) to Green Ice variety of lettuce was conducted by the student trainee.

Plants applied with vermitea, IMO, FPJ and FAA produce the highest yield of lettuce. Plants applied with *bokashi* ranked second and last, or with lowest yield, are those applied with compost.

This farm exposure enabled her to apply the knowledge she gained in the classroom to actual production of lettuce using square foot gardening. In addition, she has also developed her managerial skills which she will need in preparation for her future job.

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INTRODUCTION

Lettuce (*Lactuca sativa*) is a temperate annual or biennial plant of the daisy family Asteraceae. It is most often grown as a leaf vegetable. In many countries, it is typically eaten cold, raw, in salads, hamburgers, tacos, and in many other dishes (Herbest, 2000).

Lettuce is a fairly hardy, cool-weather vegetable. It is commonly planted during cool months of the year or late summer. It is adapted to cool growing conditions with the optimum temperatures for growth of 60 to 65°F. At 70 to 80°F, the plants flower and produce seed. Lettuce can tolerate a few days of temperatures from 80 to 85°F, provided that nights are cool (Valenzuela, 2004).

At Zacky's Farm, lettuce is produced by using hydroponics and in the plots. Zacky's Farm is planning to expand their lettuce production utilizing their vacant lot.