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PRODUCTION TECHNOLOGIES AT THE DEPARTMENT
OF AGRICULTURE BUREAU OF PLANT INDUSTRY (BPI)

Farm Practice

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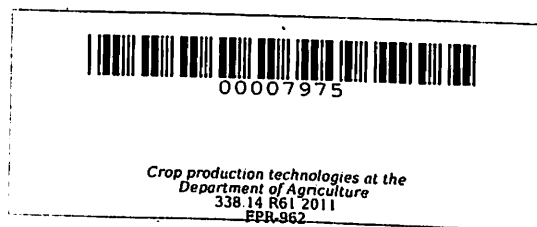
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**CROP PRODUCTION TECHNOLOGIES AT THE DEPARTMENT OF
AGRICULTURE - BUREAU OF PLANT INDUSTRY (BPI)**

**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
Bachelor of Science in Agriculture
(major in Horticulture)**



KIM ASHLEY D. RODEROS
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ABSTRACT

RODEROS, KIM ASHLEY D. Crop Production Technologies at the Department of Agriculture - Bureau of Plant Industry (BPI). Farm Practice Report. Bachelor of Science in Agriculture major in Horticulture. Cavite State University. Indang, Cavite. April 2011: Adviser: Dr. Reynaldo C. Ersando.

The farm practice was conducted 460 hours at the Bureau of Plant Industry (BPI) located at 692 San Andres Street, Malate, Manila. The student was assigned and trained in the three divisions of the Bureau namely: Crop Research Division, Crop Production Division and Crop Protection Division.

During the farm practice, the student was exposed to hands-on training activities in the field of containerized gardening, plant identification and characterization, tissue culture of banana, philodendron, *ube* or yam and *sambong*, organic vegetable production, characterization and propagation of herbs and spices, indigenous vegetable production, vermicomposting, mass rearing and production of *Trichogramma* and its host *Sitotroga cerealella*, plant propagation through asexual methods, production and use of fermented plant extracts and clerical works.

The farm practice enabled the student to gain technical knowledge and to improve her skills in the field of horticulture. The student was able to apply her gained knowledge and skills from classroom setting to actual working applications. It gave the student hands-on experiences in plant cultivation and management which are very important for her future employment.

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CROP PRODUCTION TECHNOLOGIES AT THE DEPARTMENT OF AGRICULTURE - BUREAU OF PLANT INDUSTRY (BPI) ^{1/}

Kim Ashley D. Roderos

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INTRODUCTION

The Bureau of Plant Industry (BPI), one of the staff of the Department of Agriculture, is mandated to serve and support the Philippine Plant Industry Sector. It is created by a series of laws such as Republic Acts, Presidential Decrees, Executive and Administrative Orders. Its primary task is to promote the development of the plant industry through research and development, crop production and protection and effective technology promotion and transfer. It has a vision to have a vibrant crop farming communities and the industry sector producing quality, accessible and globally competitive products profitable to the Filipinos. Its mission is to conserve and develop Philippine plant genetic resources and ensure the protection and development of plant industry.