

**FRUITS AND PLANTATION CROPS NURSERY MANAGEMENT  
PRACTICES AT DA-STIARC, LIPA AGRICULTURAL  
EXPERIMENT STATION MARAOUY, LIPA CITY**

**Farm Practice**

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**FRUITS AND PLANTATION CROPS NURSERY MANAGEMENT PRACTICES  
AT DA – STIARC, LIPA AGRICULTURAL EXPERIMENT STATION  
MARAOUY, LIPA CITY**

**A Farm Practice Report  
Submitted to the Faculty of the  
College of Agriculture, Forestry, Environment  
and Natural Resources  
Cavite State University  
Indang, Cavite**

**In partial fulfillment  
of the requirements for the degree of  
Bachelor of Science in Agriculture  
( Major in Crop Science )**



*Fruits and plantation crops Nursery  
Management Practices at DA-STARC, Lipa  
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April 2013**

## **ABSTRACT**

**ROLLON, ALYSSA MAY R. and VINZON, JOHN ALDRICH R. Fruits and Plantation Crops Nursery Management Practices at DA-STIARC, Lipa Agricultural Experiment Station Maraouy, Lipa City.** Farm Practice Report. Bachelor of Science in Agriculture major in Crop Science. Cavite State University, Indang, Cavite. April 2013. Adviser: Prof. Regina M. Nosa.

The farm practice was conducted at Department of Agriculture Regional Field Unit No. IV-A Southern Tagalog Integrated Agricultural Research Center (DA-STIARC) located at Maraouy, Lipa City from November 12, 2012 to February 15, 2013 for 480 hours. The students were assigned and executed trainings in one station of DA-STIARC, the Lipa Agricultural Experiment Station (LAES). This is a research station for upland development zone that comprises of different sections. The Crop Research and Development Section which includes culture and management, crop protection, farming systems and post-harvest. Other section is Support Services and Technical Unit where germplasm conservation and maintenance, multiplication and distribution, corn production and maintenance of foundation groves and orchard. This section has facilities like plant nursery (2,500 m<sup>2</sup>), screen houses and tissue culture laboratory where this internship had been executed.

During the farm practice, students were exposed in different hands-on activities including plant nursery management practices of different fruits and plantation crops seedlings such as avocado, chico, coffee, dragon fruit, durian, jackfruit, lanzones, mango, pili nut, rambutan, soursop and sugar apple. Nursery management practices for embryo cultured macapuno plantlets were also performed. Other activities such as macapuno embryo culture and Global Positioning System tracking were also experienced.

The farm practice opened a venue for students to experience hands-on activities regarding plant nursery management practices. It allowed students to explore with their technical knowledge learned at school and applied it practically in their field of endeavor. Farm practice served the students to give opportunity to acquire more knowledge and skills not just in nursery management practices but also micro propagation techniques that widen their knowledge and skills regarding latest trend in Philippine agriculture.

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Farm Practice Report presented to the faculty of the Department of Crop Science, College of Agriculture, Forestry, Environment and Natural Resources, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the graduation with the degree of Bachelor of Science in Agriculture major in Crop Science. With Contribution No. BSA- FP-2013-154. Prepared under the supervision of Prof. Regina M. Nosa.

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**INTRODUCTION**

Department of Agriculture-Southern Tagalog Agricultural Research Center (DA-STIARC), Lipa Agricultural Experiment Station (LAES) is a research station for upland development zone that comprises different sections such as Crop Research and Development Section which include culture and management, crop protection, farming systems and post-harvest. Other sections are Support Services and Technical Unit which performed in germplasm conservation and maintenance, multiplication and distribution, corn production, foundation groves and orchard. Likewise, it has facilities like plant nursery (2,500 m<sup>2</sup>), screen houses and tissue culture laboratory. LAES plant nursery has different fruits and plantation crops seedlings such as avocado, chico, coffee, dragon fruit, durian, jack fruit, lanzones, mango, pili nut, rambutan, soursop, sugar apple and embryo cultured macapuno plantlets. This is an appropriate venue for the conduct of