



# Student Progress Report

## PISAI Project - Academic Year 2018

On 5 April 2019 at Kasetsart University



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#### Prince of Songkla University

Name	Field of Study	Remark
1. Miss Keminee Tongma	Agricultural Development	<p>Title: Improving and Maintaining Vegetable Quality of a farmer in the Agricultural Market; Faculty of Natural Resources</p> <p>-Do you have a questionnaire evaluation before you use it?</p> <p>-Suggestion: data should be collected from other markets as well Both farmer and consumers part, the information receives differences and comprehensive.</p> <p><u>The farmer's part</u>, a total of 18 farmers in the Agricultural market will be arranged into a group of farmers which based on the process of production and management in the plot field. A similar process of a farmer can count them as the same group. In addition, observation data from other agricultural markets will be collected and examined.</p> <p><u>Consumer part</u> should collect data from other markets as well for a variety of information, regardless of age, occupation, economic and social characteristics of each group. In order to find the quality of vegetables that consumers truly want. If we can do it will have a positive effect on farmers and consumers. This can continue to develop other farmers.</p>
2. Mr. Poramet Kaewprasert	Plant Science	<p>Title:: Influent of RRIM 623 and PR 5/51 rubber rootstocks on physiological and osmotic adjustment changes of RRIT 251 scion in drought stress condition</p> <p>-Could these rootstock help rubber tree to still give high yield under soil salinity condition of southeast Thailand? and How?</p> <p>-How interaction between rootstock and scion of grafted rubber tree?</p> <p>-How rootstocks induce drought tolerance?</p> <p>-How does osmotic adjustment mechanism work?</p>

3. Miss Warin Klakankhai	Pest – Stable fly	<p>-How do you do with adult stable flies? when you finished the test on mass rearing and decomposer capability of larvae?</p> <p>-The topic is not consistency</p> <p>Part 1. Mass rearing of stable fly under laboratory condition and potential for waste decomposer; Part 2. Susceptibility test of <i>Stomoxys</i> spp., a pyrethroid-resistant population to native Thai essential oils; Part 3. GIS mapping</p> <p>Recommendation</p> <p>-Adult stable fly on part 1. Will be used to testing native Thai essential oils on part2</p> <p>-Looking for a method to control or eliminate larvae stable fly after you did a topic about decomposer capability</p>
4. Miss Laksanaporn Sriyapunt	Rubber Tree- Enzyme activity	<ol style="list-style-type: none"> <li>1. Which one of rootstock and scion has more influence?</li> <li>2. What kind of drought tolerance and drought trees has more growth better?</li> <li>3. Is gene expression changes after budding?</li> </ol>
5. Miss Chattamas Promdach	Plant Physiology	<p>-The work that you do will be like a Ph.D. rather than a master's degree. How many years do you want to do it? Should adjust the work to suit the time because the work is quite a lot</p> <p>-Analysis of the quality of edible flowers does not only in phytochemicals or external quality but analyzed in nutritional value also.</p>
6. Miss Nongnaphat Jongkrajija	Aquaculture	<ol style="list-style-type: none"> <li>1. Reasons to choose to rear Hybrid catfish in polyculture with Freshwater Prawn</li> <li>2. Reasons to rearing Hybrid catfish in confined cages and have you ever to rearing together?</li> <li>3. Possibility to use the aquatic plant to uptake nutrient in the pond</li> <li>4. Is there diseases or infection that can infect both of Hybrid catfish and Freshwater prawn?</li> </ol>



## Chiang Mai University

Name	Field of Study	Remark
7. Mr. Seksan Duangsingtham	Agricultural Extension	Title: Guidelines for Developing Beef Cattle Raising among Farmers in Mae Cheam District, Chiang Mai Province and Rattaphum District, Songkhla Province -Better to discuss clearer with an advisor regarding the sampling group and questionnaire of the animal breeder for both Chiang Mai and Songkhla, if needed. -The questionnaire for interviewing the officer of Livestock Office may not right to the objective of the study and animal breeder can be a better sampling group.

## Kasetsart University

Name	Field of Study	Remark
8. Mr.Natthidech Beesa	Pest Management	<p>Title: Utilization of Conservation Agriculture (CA) Based on Planting Leguminous Crops as the Cover Crops in Rice Production System to Increase Rice Yield and Soil Fertility and to Control Plant-parasitic Nematodes</p> <p>-What is your host university? Do you have any plan to study related to a situation at Host University?</p> <p>-Do you think that 'how does conservation agriculture relate to nematodes'?</p> <p>-How does soil fertility relate to the diversity of nematodes?</p> <p>-After you are finished your thesis, which part you want to recommend the farmer if you have a chance?</p>
9. Miss Niyaporn Khwanket	Pest Management- Bio-control	<p>Title: Efficacy of Thai entomopathogenic nematodes against stable fly larva, <i>Stomoxys calcitrans</i> (L.)</p> <ol style="list-style-type: none"> <li>1. What kinds of material that you use for membrane feeding and where did you buy the blood?</li> <li>2. What generation that you will use for the experiment?</li> <li>3. How does the infective juvenile stage of EPNs can survive when they don't have host?</li> <li>4. How do EPNs infect to host?</li> </ol>

## Khon Kaen University

Name	Field of Study	Remark
10. Miss Apinya Saentho	Soil Sci.-Biotechnology in a rubber plantation	Title: Phosphorus speciation related to phosphate solubilizing and absorbing microorganisms under different-age rubber tree plantation Reconsider on focusing parameters (age of rubber) that will affect the form of phosphorus in the soil i.e. microorganism. Suggested to increase the number of soil samples or replication to be suited for statistical analysis
11. Miss Jureeporn Sukhatiphum	Pest Management	<ol style="list-style-type: none"> <li>1. Each species of nematodes are produced for commercial purposes?</li> <li>2. Different species of nematodes are effective at different temperatures?</li> <li>3. Different dose of nematodes used for larva and pupa of Cucumber fruit fly?</li> <li>4. Why use these 4 species of nematodes?</li> </ol>
12. Mr.Sornnarin Suangto	Plant Breeding/Physiology	Title: The study on the changes of some endogenous phytohormones by environmental factors in Sacred Lotus ( <i>Nelumbo nucifera</i> Gaertn.) - A design study that links between the information you gained and distributes to Sacred Lotus farmer to have a good practice for the real world. In the discussion section of the presentation should add the information of productivity, to see the possibility for the production of off-season lotus.
13. Miss Wantanee Meelun	Plant Physiology and Plantation	-
14. Miss Chatnapa Nowat	Tropical Agriculture	-