



Institutionalizing Assessment
Tropical Agricultural Science Five Year Plan (May 2010)

Check one: <input checked="" type="checkbox"/> Undergraduate Program <input type="checkbox"/> Graduate Program <input type="checkbox"/> GenEd <input type="checkbox"/> Support Courses	
Program: Tropical Agricultural Science	Submission Date: 5/18/2010
Reporting Cycle Year: <input type="checkbox"/> 1 st Year <input checked="" type="checkbox"/> 2 nd Year <input type="checkbox"/> 3 rd Year <input type="checkbox"/> 4 th Year <input type="checkbox"/> Final Year	
<p>Assessment Plan (if previously submitted in a prior progress report, specify "previously submitted")</p> <p>Assessment Implementation Date (AY):</p> <p>2009 -2010 Assessment of AG PLO-I and SC-GE-I – Design questions, Collection and Analysis of Data</p> <p>2010-2011 Assessment of AG PLO-I and SC-GE-I – Continue to apply Test questions, collect data, finalize assessment tools; Implementation to close the loop</p> <p>2011 - 2012 Continue Implementation and data collection on AGPLO-I and SC-GE-I</p> <p>2012 -2013 Plan for Assessment of AG PLO-7: to assess analytical skills.</p> <p>2013 – 2014 Design questions and run preliminary tests, collect and analyze</p> <p>Specify expected program learning outcomes:</p> <ol style="list-style-type: none"> 1. AG PLO-I: Technical Knowledge. Graduates will gain the theoretical and practical scientific knowledge needed for continued effective and sustainable crop production, as well as the information and subject-matter mastery required for exercising wise judgment in dealing with complex issues in resource management and conservation. And, it must be instilled that education is a life-long pursuit. 2. SC-GE-I: observe, describe, and interpret natural and experimental phenomena within the context of a scientific paradigm. 3. AG PLO-7: Analytical Skills. Graduates are competent at collecting, organizing, analyzing, interpreting and presenting quantitative and qualitative data in agricultural science and natural resources. <p>Specify the tool(s) that will be used to measure student learning:</p> <ol style="list-style-type: none"> 1. Pre and Post Test for all courses taught 2. Embedded Questions 3. Laboratory report with online forum discussions 4. Direct Testing 6. Seminar 7. Exit survey 8. Alumni Survey 9. Standardized Exam 	



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Status of Data Collection:

Some Data for 2007, 2008, 2009 has been collected on Pre and Post Tests.

Data collection for 2010 and 2011 will use Direct Testing and Embedded Questions in addition to Pre- and Post-Testing.

Collect new data from other assessment approaches such as seminar, reports, exit survey.

AG101 will use standardized on-line Pre- and Post-tests in Moodle among course sections.

Assessment Report:

Annual assessment report will be submitted

Closing the Loop:

Topics in AG102 having low post-test scores were covered again, with additional supporting materials, during labs. Learning modules with the lower scoring post-test sections are having on-line learning modules developed in Moodle.

NOTE: This form is designed to assist you with the on-going assessment process and to dovetail with assessment reporting in the program review process.