Feed the Future Innovation Labs for Collaborative Research Country Profile

Honduras

Long-term Degree Training

The Feed the Future Innovation Labs for Collaborative Research and the former Collaborative Research Support Programs (CRSPs) since 1978 have trained a total of 64 long-term degree students from Honduras earning 64 degrees in disciplines including Agricultural Economics, Agronomy, Crop Protection, Entomology, Food Science, Molecular Biology, and Plant Pathology. Bachelors (60.9%), Masters (26.6%) and Ph.D. (12.5%) degrees were granted. Women received nearly 18% of those degrees. Zamorano University and Texas A&M University and granted 16 and 11 degrees respectively. Students studied at local universities as well as U.S. Universities including Kansas State U, Michigan State U, Mississippi State U, Purdue U, Texas A&M U, U Arkansas, Pine Bluff, U Hawaii, U and Nebraska, Lincoln under Bean/Cowpea, IPM, INTSORMIL, Pond Dynamics/Aquaculture, Soil Management, and Trop Soils.

U.S. University Partners, Honduras (2007-2014)

Horticulture
UC Davis*
Ohio State U
U Wisconsin, Madison
North Carolina State U
U Florida

IPM
Virginia Tech*
Penn State U
Purdue U
U Arizona
U Denver
U Georgia

Legume
Michigan State U*
Penn State U

SMOG/INTSORMIL
U Nebraska, Lincoln*
Texas A&M

*Management Entity

Partners in Honduras
(2007 -2014)

Innovation Labs for Collaborative Research and CRSP Activities in Honduras (2007 - 2014)*

Grain Legumes (Legume) Formerly Dry Grain Pulses

- Expanding Pulse Supply and Demand in Africa and Latin America: Identifying Constraints and New Strategies
- Development, Testing and Dissemination of Genetically Improved Bean Cultivars for Central America, the Caribbean and Angola
- Improving Bean Production in Drought-Prone, Low Fertility Soils of Africa and Latin America – An Integrated Approach
- Strategic Investment in Rapid Technology Dissemination: Commercialization of Disease Resistant Bean Varieties in Guatemala, Honduras, Nicaragua and Haiti (BTD)

Horticulture
- Building an Ornamental Plant Industry in Honduras
- Coolrooms and Cool Transport for Small-Scale Farmers
- Delivering vegetable safety education through established social networks in Latin America
• Deployment of Rapid Diagnostic Tools for Phytophthora on Horticultural Crops in Central America
• Improving Extension Methods for Horticultural Outreach Among Small-Stakeholder Farmers in Latin American Countries
• Improving Fruit Postharvest Quality through Best Management Practices for Perishable Vegetable Production in Protective Structures
• Innovative Energy Solutions in Horticulture
• Regional Center of Innovation at Zamorano University
• Semillas de Esperanza: Vegetable Seeds for Sustainable Agriculture
• Sustainable Production and Marketing of Vegetables in Central America
• Trellis II: Engaging US students in international development

Integrated Pest Management (IPM)
• Integrated Pest Management: Science for Agricultural Growth in Latin America and the Caribbean
• International Plant Diagnostic Network
• Toward the Effective Integrated Pest Management of Plant Disease Caused by Viruses in Developing Countries: Detection and Diagnosis, Capacity Building and Training, and Formulation of IPM Packages
• IPM in Latin America and the Caribbean: Crops for Broad-based Growth and Perennial Production for Fragile Ecosystems

Sorghum, Millet and Other Grains (INTSORMIL)
• Breeding Sorghum for Improved Grain, Forage Quality and Yield for Central America
• Product and Market Development for Sorghum and Millet in Southern Africa and Central America
• Identification and Release of Brown Midrib (bmr) Sorghum Varieties to Producers in Central America and Haiti

*Activities occurred at varying points from 2007-2014