

Additional Horticulture CRSP Projects

1. Horticulture Assessment in Central America
2. Potato Storage Project in Bangladesh with CIP
3. Trellis Projects
4. Irrigation project in Cambodia with SANREM CRSP
5. Postharvest Projects and Activities

Horticulture Assessment in Central America

- } Funded by Bureau for Latin America and the Caribbean
- } Team of experts hired
 - One on one interviews and site visits
 - Workshops in Honduras and Guatemala
 - Survey
- } Constraints and opportunities for the horticulture sector
- } Research needs and recommendations prioritized



Potato Storage in Bangladesh

Can CoolBot cold storage facilities extend postharvest life of potatoes and be economically feasible?

Compare with traditional evaporative cooler storage

Horticulture CRSP Trellis Fund

Engaging U.S. graduate students in
international development

The Model

- } Small-scale developing world organizations identify a problem facing local farmers
- } Trellis Fund matches organizations with a graduate student with relevant skills



Goals

- } Organizations are able to extend new ideas and technologies to their communities
- } Graduate students gain hands-on experience in international development
- } Organizations and graduate students form a long-term connection



Trellis Student, Rachel Suits (North Carolina State) in Nepal

Trellis Achievements

- } Currently in year 2, 15 projects and students selected for year 3.
- } Years 1 and 2: 24 projects in 11 countries
- } Year 1:
 - 124 training and extension meetings
 - 1935 farmers trained (1492 women)
 - 10 demonstration plots
- } Project topics include horticultural production, irrigation, gender, economics, education, postharvest, plant pathology, and more.

Student Involvement

- } 39 students from UC Davis, North Carolina State University, Cornell University and University of Hawai'i-Mano'a participated in Trellis over 3 years
- ∅ Also included students from Developing Country Institutions





Carrie Teiken (UC Davis) in Uganda

Drip Irrigation Project in Cambodia

Collaboration with SANREM CRSP

Manny Reyes, North Carolina A&T State Univ.

Goals to reduce labor burden and increase income of women farmers in Siem Reap and increase vegetable production

New Postharvest Activities

1. Phytosanitary and postharvest trainings in Honduras and Guatemala in 2012
 - a) Funded by USDA FAS
2. Postharvest Short Course at Regional Center of Innovation at Zamorano May 28-31
3. Curriculum development in postharvest (UF)
 - a) Narrated Powerpoints, videos, fact sheets, quizzes
 - b) Train the trainer programs and technical colleges



Questions?

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