

Horticulture CRSP Projects

Last updated: September 2013

Aimed to improve food security, nutrition, and human health and increase incomes of the rural poor, these projects utilize horticulture as a means to advance well-being of the rural poor, particularly women. For project details, visit <http://hortcrsp.ucdavis.edu/main/projects.htm>.

Ongoing Projects	
PI and University	Title and Target Countries
Baird, Vance/Ngouajio, Mathieu ¹ Michigan State University	Demonstrating nets and floating row covers in Benin and Kenya
Barrett, Diane ¹ University of California, Davis	Opening a regional postharvest training and services center and training postharvest specialists from Benin, Ethiopia, Ghana, Kenya, Rwanda, Tanzania, and Uganda
Bonsi, Eunice ³ Tuskegee University	Strengthening the value chain for orange- and purple-fleshed sweet potatoes in Ghana
Bradford, Kent ² University of California, Davis	Implementing drying beads for seeds in Bangladesh, Kenya, Nepal, Rwanda, Tanzania, and Uganda
Brecht, Jeffrey ⁴ University of Florida	Developing postharvest training materials in Honduras and Guatemala
LeJeune, Jeffrey ³ The Ohio State University	Delivering food safety education through social networks in Guatemala, Honduras, and Nicaragua
Nienhuis, Jim ¹ University of Madison-Wisconsin	Producing local, disease-resistant vegetable seed in El Salvador, Guatemala, Honduras, and Nicaragua
Reyes, Manuel ⁴ North Carolina A&T University	Irrigation for women farmers in Cambodia (joint project with SANREM CRSP)
Ristaino, Jean ³ North Carolina State University	Training plant diagnosticians in Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, and Panama
Scow, Kate ¹ University of California, Davis	Developing a participatory extension model to enhance smallholder production and marketing in Democratic Republic of the Congo and Uganda
Simon, James ³ Rutgers University	Improving postharvest practices with local market support in Zambia
Thompson, James/Kornbluth, Kurt ⁴ University of California, Davis	Developing energy solutions for horticultural production worldwide
Trexler, Cary ¹ University of California, Davis	The HARE Network: Increasing food safety and creating a niche market for smallholders in Cambodia and Vietnam
Weller, Stephen ² Purdue University	Strengthening the value chain for African indigenous vegetables in Kenya, Tanzania, and Zambia

¹ Pilot Project: ~\$500,000 for three years, scheduled for completion in summer of 2014

² Comprehensive Project: ~\$1million for three years, scheduled for completion in summer of 2014

³ Continuation Project: PI received up to \$250,000 to extend successful Exploratory or Immediate Impact Project, scheduled to end in summer of 2014

⁴ Focus Project: ~ \$100,000 for one year, scheduled for completion in summer of 2014

Completed Projects

PI and University	Title and Target Countries
Barrett, Diane; University of California, Davis ⁵	Developing a concentrated solar dryer in Tanzania
Bates, Rick; The Pennsylvania State University ⁶	Strengthening indigenous seed systems in Bangladesh, Cambodia, Laos, Thailand, and Vietnam
Bennett, Alan; University of California, Davis ⁵	Expanding the floral industry in Honduras
Boellstorff, Darcy; Bridgewater State College ⁶	Establishing GIS data for horticultural projects in Malawi
Bonsi, Eunice; Tuskegee University ⁵	Increasing nutrients in traditional diets with orange-fleshed sweet potatoes in Ghana
Bradford, Kent; University of California, Davis ⁵	Introducing new seed storage technologies in India, Nepal, and Thailand
Coffman, Ronnie; Cornell University ⁶	Increasing food safety through a regional consortium in Bangladesh and India
Fennimore, Steve; University of California, Davis ⁶	Testing a gender-tailored extension model in Kenya
Kleinhenz, Matthew; The Ohio State University ⁶	Increasing smallholder use of grafting and tunnels for tomatoes and peppers in Kenya
LeJeune, Jeffrey; The Ohio State University ⁶	Improving outreach methods to small-scale fruit and vegetable farmers in Bolivia, Chile, Ecuador, Guatemala, Honduras, and Peru
Maredia, Mywish; Michigan State University ⁶	Testing cell phone-based extension services in India, Nepal, and Sri Lanka
Miller, Sally; The Ohio State University ⁵	Improving tomato production through local GAPs in Nigeria
Nienhuis, James; University of Wisconsin-Madison ⁵	Evaluating tomato and chili varieties for disease resistance in El Salvador, Honduras, and Nicaragua
Paull, Robert; University of Hawaii at Manoa ⁵	Developing a postharvest alternative to fungicide in Sri Lanka
Paull, Robert; University of Hawaii at Manoa ⁶	Strengthening local expertise in postharvest practices in Cambodia and Vietnam
Pitchay, Dharmalingam; Tennessee State University ⁶	Supporting urban and peri-urban gardeners in commercial production in Cambodia, Vietnam, and Thailand
Raynolds, Laura; Colorado State University ⁵	Integrating Rooibos tea farmers with fair-trade markets in South Africa
Reid, Michael; University of California, Davis ⁵	Demonstrating low-cost cooling technology in Honduras, India, and Uganda
Ristaino, Jean; North Carolina State University ⁵	Deployment of rapid diagnostic tools for <i>Phytophthora</i> on horticultural crops in Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Mexico, and Panama
Santos, Bielinski; University of Florida ⁵	Improving bell pepper production in passively ventilated structures in Costa Rica, Dominican Republic, Haiti, Honduras, and Nicaragua
Scow, Kate; University of California, Davis ⁵	Strengthening farmer groups to increase fruit and vegetable production in Uganda
Simon, James; Rutgers University ⁵	Improving marketing capacity for specialty crops in Ghana
Simon, James; Rutgers University ⁵	Improving vegetable quality with local market support in Zambia
Weller, Stephen; Purdue University ⁵	Increasing production of indigenous African leafy vegetables in Kenya
Wien, Hans Christian; Cornell University ⁶	Evaluating support for smallholder production of paprika and tomatoes in Zimbabwe

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⁵ Immediate Impact Project: ~\$150,000 for one year, completed fall of 2011

⁶ Exploratory Project: ~\$75,000 for one year, completed winter of 2011