



## Horticulture Innovation Lab in East Africa

With funds from the U.S. Agency for International Development, the Horticulture Innovation Lab has supported more than \$6.5 million in horticultural research projects that affect smallholder farmers in East African countries. The Horticulture Innovation Lab has examined aspects of seed systems, vegetable grafting, participatory extension models, low-cost cooling, solar drying, and postharvest training centers. Projects during the current phase include:

- **Improving nutrition with African indigenous vegetables in Kenya (and Zambia)**  
James Simon of Rutgers, the State University of New Jersey, leads this nutrition project focused on enhancing value chains for African indigenous vegetables, using a market-first, science-driven approach.
- **Reducing postharvest losses in Rwanda**  
Gurbinder Gill of Agribusiness Associates leads this postharvest project focused on assessing postharvest losses in four value chains, setting up postharvest training and service centers, and building entrepreneurial capacity.
- **Building postharvest capacity in Tanzania**  
Eleni Pliakoni of Kansas State University leads a project on curricula, training, and facilities for postharvest management.
- **Developing farmer-led irrigation solutions in Uganda**  
Kate Scow of the University of California, Davis, leads a project on irrigation and community co-innovation processes.
- **Assessing feasibility of pest-exclusion nets in Kenya**  
Vance Baird of Michigan State University leads this study of commercial feasibility of scaling up AgroNets.

### Partners in East Africa

- AtoZ Textile Mills, Tanzania
- Agribusiness Initiative Trust, Uganda
- Agro Farm Services, Kenya
- Amelioration of Agricultural Risks, Uganda
- Busitema University, Uganda
- Commonwealth Scientific and Industrial Research Organisation, Uganda
- Egerton University, Kenya
- Institut des Sciences Agronomiques du Rwanda, Rwanda
- icipe, Kenya
- Kangai Tisa Horticultural Farmers Group, Kenya
- Kenya Agricultural and Livestock Research Organization, Kenya
- Kigali Independent University, Rwanda
- Kigali Institute of Science and Technology, Rwanda
- Makerere University, Uganda
- Ministry of Agriculture, Food Security, and Cooperatives, Tanzania
- Ministry of Agriculture and Natural Resources, Rwanda
- Mukono District Council, Uganda
- National Agriculture Export Development Board, Rwanda
- National Semi Arid Resources Research Institute, Uganda
- Our Lady Queen of Apostles Nkokonjeru Parish, Uganda
- Reach Your Destiny Consult, Uganda
- Rural Agency for Sustainable Development, Uganda
- Rwanda Agriculture Board
- Sokoine University of Agriculture, Tanzania
- South Eastern University College, Kenya
- Teso Women Development Initiatives, Uganda
- The World Vegetable Center, Tanzania
- Uganda Christian University
- Umatara PolyTechnic, Rwanda
- University of Eldoret, Kenya
- University of Rwanda
- Zonal Agricultural Research and Development Institutes, Uganda

Feed the Future Innovation Lab for Collaborative Research on Horticulture • <http://horticulture.ucdavis.edu>



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