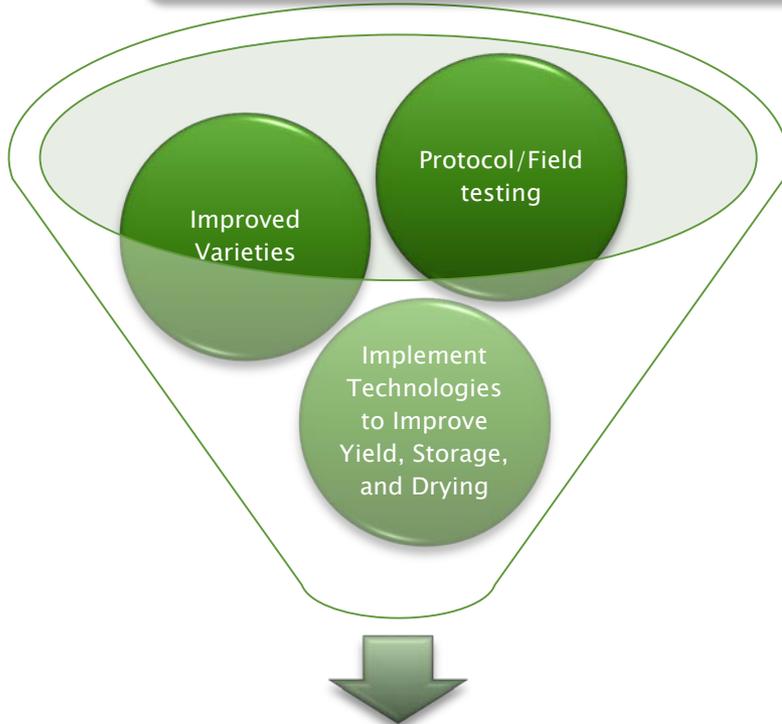


Annual Report

- ▶ Documents program activities and accomplishments for year
- ▶ Limited number of pages
- ▶ Need concise and precise information from projects about accomplishments

Horticulture Innovation Lab: Key Accomplishments of 2016

New Technologies

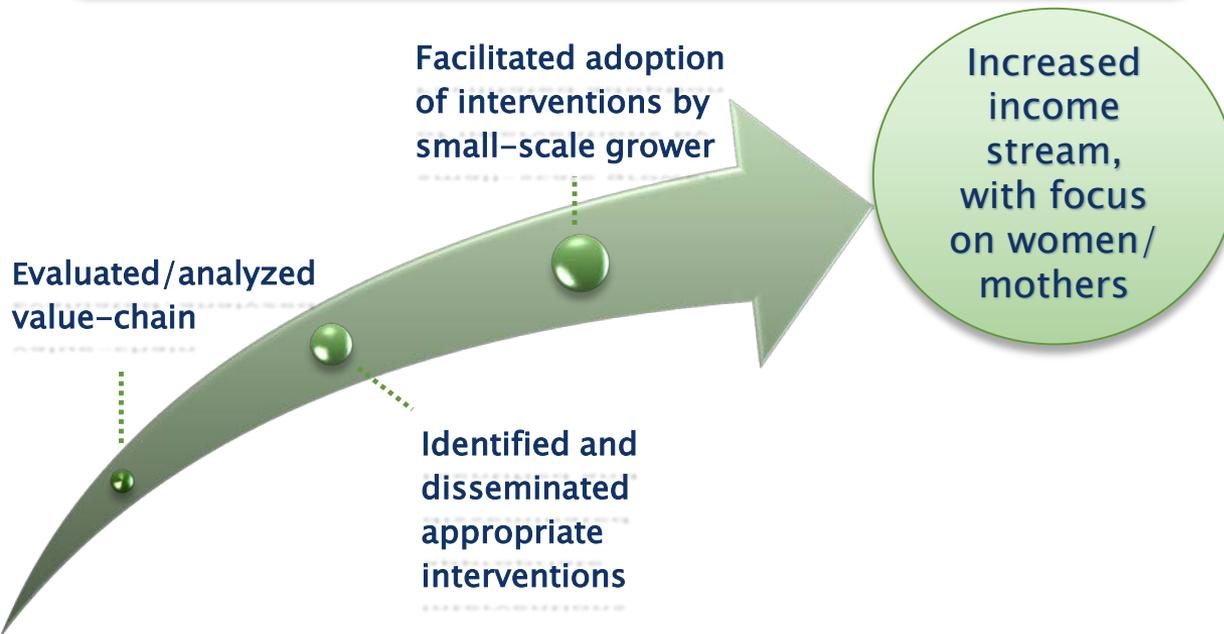


**New Technologies That
Impact Entire Horticulture
Value Chain**

- Storage/Preservation
 - Coolbot
 - Drying Beads
 - Solar Dryer
 - Chimney Dryer
- Yield/Insect Barrier
 - AgroNets (Eco-Friendly Nets)
- Protocol/Field Testing
 - Floating gardens
 - Protocols for AIV varieties
 - Field testing of improved varieties
 - Protocols implemented for improved yield/reduced labor/conservation
- Improved Varieties (More Nutritious, Yield, Stress Tolerant)
 - Amaranth (a rich source of magnesium and calcium), Spider Plant, Nightshade, Moringa, Ethiopian Mustard Seed, Grafted tomatoes, Cauliflower

Horticulture Innovation Lab: Key Accomplishments of 2016

Increasing farmer income – empowering women



- Collaborate with established in-country entities empowering women
- Introduce technology to reduce crop/seed (financial) losses due to ineffective storage/drying
- Introduce high value fruit and vegetable varieties
- Improve irrigation (drip irrigation) to reduce labor, allowing women to pursue other sources of income
- Conduct trainings to promote successful adoption of new technologies/protocols with high female participation rates
- Leverage local expertise

Horticulture Innovation Lab: Key Accomplishments of 2016

Capacity Building

Long term training

- 35 students
 - 10 Bachelor
 - 15 Masters
 - 7 PhDs
 - 3 postdoctoral assoc.
- From: Honduras, Costa Rica, Kenya, India, USA, Zambia, Honduras, Cambodia, Uganda
- 50% were female

Short Term Training

- Total of 954 individuals received training
- Farmers, NGO Partners, Producers, Teachers, Researchers, Students, Staff
- From: Guatemala, Honduras, Nepal, Bangladesh, Cambodia, Uganda, Tanzania, Kenya, Zambia



Improve Capture and Sharing of Accomplishments and Outputs

- ▶ Journal articles
- ▶ Training/extension materials
- ▶ Trip reports
- ▶ Photos
- ▶ Videos

New Database

- ▶ Piestar
 - Kansas State University
 - Developed system for other Innovation Labs
 - Ben Claar will describe and show new system