

ENDING GLOBAL HUNGER THROUGH HORTICULTURE

Many of the world's most vulnerable populations live in rural areas and rely on agriculture for a living. Increasing prospects for horticultural food production creates more to eat, as well as opportunities to raise income levels out of poverty. Thus, growth in the horticulture sector is one of the best ways to promote equity, economic growth and poverty reduction, leaving no one behind.

About Us

The Feed the Future Innovation Lab for Horticulture – also known as the Horticulture Innovation Lab – is one of 20 Feed the Future Innovation Labs that leverages U.S. university research to advance agricultural science to reduce global hunger and poverty. Each Innovation Lab is led by a university, with collaborative research partnerships in regions across the globe to solve some of the world's most pressing agricultural challenges.

Our Impact

Since 2009, the Horticulture Innovation Lab has invested \$55 million in agricultural research, training more than 38,000 individuals in 30 countries – including over 14,000 small-scale producers who improved their practices.

Improving Diets and Incomes

Increasing access to diversified nutrient-rich diets is one of our highest priorities. We know that horticulture – growing fruits and vegetables – provides critical nutrients for a balanced diet. And that diets low in fruits and vegetables contribute to some of the most widespread, debilitating nutrient-related disorders. Furthermore, small-scale producers



Researchers show project outputs at Jomo Kenyatta University of Agriculture and Technology - one of 12 local institutions leading Horticulture Innovation Lab initiatives.

who grow high-value horticultural crops such as fruits, vegetables, flowers or herbs consistently earn more than those who grow other commodities. Horticulture can increase their profits and be an engine for agricultural and economic diversification.

Focus Activities

Improving gender equity, advancing technological innovations, and improving access to information and research capacity are central our work. To support horticultural development, we focus on research across the value chain – from seed systems, vegetable production, irrigation innovations, conservation practices, pest management, reducing postharvest losses, market access and extending agricultural information, to social innovations.

A global research network promoting local leadership

Director: Erin J. McGuire, PhD

Serving countries in the following regions: East and West Africa, Central America, South Asia

Award: \$55 million over 15 years

Led by UC Davis since: 2009

horticulture.ucdavis.edu

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