



Feed the Future Country Fact Sheet

Online Version: <https://www.feedthefuture.gov/article/advancing-food-security-through-science-technology-and-innovation>

Advancing Food Security through Science, Technology and Innovation



Fenton B. Sands

Innovation is central to feeding a world with a growing population and limited natural resources. In this spirit, Norman Borlaug tirelessly pursued transformative improvements to wheat, which helped spur the Green Revolution that saved many lives from starvation.

Our own efforts through Feed the Future to advance science, technology and innovation are underpinned by a comprehensive [research strategy](#), an [approach](#) that prioritizes nutrition and economic growth through agricultural development, and a deep commitment to partnerships to make an impact against hunger.

We support safe, proven and appropriate technologies and use a strategic and focused approach to implement our efforts, which are yielding important [results](#).

And to realize the full potential of innovations developed to improve nutrition and reduce global hunger and poverty, we're intensifying efforts to [scale up](#) promising agricultural technologies to millions of farmers and other technology users throughout the value chain in commercially sustainable ways.

Examples:

- [Smallholder Farmers in Ghana Claim Drought-Index Insurance for the First Time](#)
- [Mobile Technology Transforming Smallholder Farmers' Access to Fertilizer in Malawi](#)
- [Disease-Resistant Cassava Increases Yields and Builds Resilience in Kenya](#)
- [Surplus in Senegal, Even Without the Rains](#)
- [More stories in our October newsletter!](#)

[Read more](#) about how Feed the Future is using innovation to help smallholders thrive in our latest progress report and explore some of our featured activities below.

Food Security Innovation Center

The Food Security Innovation Center at USAID guides implementation of the Feed the Future research strategy, strengthening coordination across program areas and encouraging not only a multi-disciplinary approach, but cross-project learning as well.

The center organizes our projects around seven key challenge areas. It also builds capacity in agricultural research, extension and education, and leads a major effort on scaling up agricultural technologies.

[Explore the areas and learn more about the FSIC.](#)

Feed the Future Innovation Labs

The Feed the Future Innovation Labs draw on the expertise of top U.S. universities and developing country research institutions to tackle some of the world's greatest challenges in agriculture and food security.

Led by U.S. universities, these Innovation Labs are central to advancing novel solutions that support our goals to reduce global hunger, poverty and undernutrition.

[Discover more about these labs.](#)

Scaling Technologies

Feed the Future is working with U.S. Government and country partners, the CGIAR, Feed the Future Innovation Labs, and other research and development organizations to expand efforts for widespread adaptation, dissemination and adoption of critical agricultural technologies in Feed the Future countries and beyond.

Feed the Future has developed, with contributions from USAID and USDA staff and research partners in the CGIAR and Innovation Labs, a [technology inventory](#) organized into seven thematic tables. This inventory is meant to provide U.S. Government staff and collaborating partners with a technical evidence base as they work to scale up appropriate technologies to greater numbers of smallholder farmers who can benefit from their use.

Resources:

- [Scaling Agricultural Technologies Inventory](#)
 - [A Roadmap for Scaling Up Technology Adoption](#)
 - [Scaling Seeds and Technologies Partnership](#)
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Innovative Ways America is Fighting Hunger

At an event at George Washington University in October, USAID Administrator Shah highlighted some innovative ways the United States is helping improve food security and nutrition around the world.

[Watch a recording](#) of his talk to learn more and click on each of the innovations below to explore examples of each in action.

Innovations:

- [Orange-Fleshed Sweet Potato](#)
- [Vitamin A Maize](#)
- [Improved Rice Varieties](#)
- [Ready-to-Use Therapeutic Foods](#)
- [Mobile Phones](#)