

OUR COMMITMENT TO HELP END HUNGER

BUILDING GLOBAL FOOD SECURITY BY 2020

At DuPont, food security is at the heart of our priorities. Across the globe, DuPont businesses — DuPont Pioneer, Crop Protection, Nutrition & Health, Packaging & Industrial Polymers, and Industrial Biosciences — are addressing food security with science-based innovations. We are building collaborations with businesses, non-profit organizations and governments, and working with local farmers and food producers.

In 2010, we convened an external expert panel, The DuPont Advisory Committee on Agricultural Innovation and Productivity for the 21st Century. Chaired by former U.S. Senator Thomas A. Daschle, the panel examines the best public policy mechanisms and business practices that could have the most far-ranging impact on achieving global food security. In response to the Committee's first report in 2011, DuPont committed to a series of food security goals. The Committee's work continues and can be found online at foodsecurity.dupont.com

DuPont 2020 Food Security Goals

In the spirit of "what gets measured gets done," DuPont announced in 2012, corporate goals to enhance global food security that would be realized by the end of 2020. DuPont encourages all employees to do their part in making food more nutritious, safer and available to people everywhere.

Innovating to Feed the World. DuPont committed \$10 billion to research and development, and the introduction of 4,000 new products by the end of 2020. The work centers on developing innovations that will produce more food, enhance nutritional value, improve agriculture sustainability, boost food safety, extend food freshness and reduce waste.

Engaging and Educating Youth. By the end of 2020, DuPont will facilitate 2 million engagements with young people around the world to transfer the knowledge of sustainable food and agriculture and the impact it will have on a growing population.

Improving Rural Communities. DuPont will work to improve the livelihoods of at least 3 million farmers and their rural communities through targeted collaborations and investments that strengthen agricultural systems and make food more available, nutritious and culturally appropriate. This is in addition to the work already being done by DuPont to enhance the lives of hundreds of millions of farmers through our normal business practices.



In the third year of the DuPont Food Security Goals, the following progress was achieved:

- \$1.2 billion was invested in R&D and 600 new products were introduced.
- DuPont employees worked with 790,000 youth globally, exceeding the goal of 2 million engagements by 2020.
- DuPont employees engaged with more than 314,000 smallholder farmers.



*Welcome to the Global Collaboratory.™
Together we can feed the world.*

DuPont Food Security Goals in Action

Advancing New Product Solutions

Growers today are increasingly able to collect huge amounts of data about their farming operations from weather to yields to markets. **DuPont Pioneer** launched EncircaSM services to help growers manage and use information about their operation to improve productivity per acre, profitability and sustainability. By closely working with an EncircaSM certified services agent, growers can optimize the effectiveness of key farm inputs like seed and nitrogen. EncircaSM services are expected to create up to \$100 of value per acre through real-time management insights. A **DuPont Nutrition & Health** product innovation offers a fast and accurate molecular testing method for *Listeria monocytogenes* for the DuPontTM BAX[®] System. *Listeria monocytogenes* is widely recognized as an important cause of human foodborne illness, particularly for persons with heightened immune susceptibility. The test combines shorter, simpler sample preparation and faster real-time processing, without sacrificing accuracy or reliability. Additionally, DuPontTM CyazypyrTM from **DuPont Crop Protection** continues to help growers establish and protect crops resulting in improved quality and increased yield while minimizing impact on the environment.

Encouraging a New Generation of Food and Agricultural Leaders

In 2014, **Pioneer** launched the DuPont Pioneer University Project to contribute to the education and development of young Ukrainian agriculture students and recent graduates. Through this initiative, students have the opportunity to receive in-depth training in the United States on seed production, sales and marketing, and research and development. Selected students are placed in internships with Pioneer facilities in Iowa, Nebraska, North Dakota, California and Ohio. To promote safe farming practices across Brazil, **Crop Protection** launched Projeto DuPont Escola (DuPont in the School). By engaging children 7 to 11-years-old in an interactive and participatory manner, this project promotes the importance of citizenship and sustainable agriculture. Projeto DuPont Escola encourages children to value rural labor as a producer of healthy food and empowers them to become advocates for safe farming in their communities. As part of the program, DuPont donates a computer to participating schools.

Improving Rural Community Lives and Livelihoods

The Rice Farm Schools program in India, a collaboration between **Pioneer, Crop Protection** and the Uttar Pradesh Department of Agriculture, is contributing to better yields and greater productivity for about 15 percent of the country's rice production. The program equips small holder farmers with scientific and practical expertise and training, from seed planting to harvest, while demonstrating the value of hybrid seeds. Farmers identified to be future trainers graduate when they educate other farmers on improved agronomic practices. By 2018, the program hopes to engage a half million farmers, helping them provide a more secure future for their families and communities. In 2014, **Crop Protection** sponsored the second annual Asia Pacific Product Stewardship Day. At the event, more than 40,000 farmers, students, distributors, retailers and government officials engaged in activities key to agricultural stewardship principles. This initiative received an Agrow Award for Best Outreach Program in 2014. **Nutrition & Health** sponsored the FoodTech Challenge, an open innovation student competition that took place at FoodTech in Denmark, northern Europe's largest trade fair for food technology. Selected from a pool of 150 applicants, participants were challenged to provide innovative solutions to ensure a sustainable food supply, while highlighting the need for cooperation between the food industry and academia.



Visit foodsecurity.dupont.com to learn more.

To learn more about food security challenges and opportunities in more than 100 countries, visit The Economist's Intelligence Unit's Global Food Security Index, sponsored by DuPont, at foodsecurityindex.eiu.com