

Agriculture Is at a Crossroads



Agriculture Division of DowDuPont

Corteva Agriscience™, Agriculture Division of DowDuPont, and others are using CRISPR to solve some of our greatest environmental challenges.

POSSIBILITIES FOR THE ENVIRONMENT:



Water:

Reduce water needed to grow crops with drought-tolerant plants



Land:

Reduce land needed to grow food by increasing yields and limiting disease



Pesticides and Chemicals:

Allow use of "greener" chemicals and pesticides that can be used effectively in lower amounts

Plants are under attack from changing weather, drought, floods, heat waves, diseases and pests. At the same time, our population is growing and consumers are increasingly demanding food that is healthier for their families and the planet. This means we need to grow more food that is better for people and the environment using fewer resources.

CRISPR-produced plants can help us grow healthy and nutritious food that is better for the environment.



What is CRISPR?

CRISPR gene editing can create an improved plant that does not include DNA from a different species. CRISPR makes it possible to deliver nutritious plants that could occur in nature or be developed through conventional breeding, but faster and more efficiently.