



SEED
SCIENCE IS

FOOD
SCIENCE

Seed Science Benefits the Planet



Corteva is completely dedicated to agriculture to solve challenges for the food industry.

The curious minds on our teams help solve food industry challenges by using:



AGRONOMY



BACTERIOLOGY



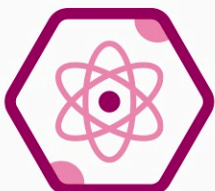
BIOCHEMISTRY



BIOLOGY



BOTANY



CHEMISTRY



ECOLOGY



ENTOMOLOGY



GENETICS



STATISTICS



SOIL SCIENCE

If you work in the food industry you work in agriculture, and if you work in agriculture you work in the food industry. For farmers to successfully and sustainably raise crops for food, they face many challenges, and modern tools are solutions for them.

For the food industry, agricultural innovation ensures:



**FOOD IS HEALTHY
AND SAFE**



**NATURAL
RESOURCES
ARE PROTECTED**



**FOOD WASTE
IS PREVENTED**

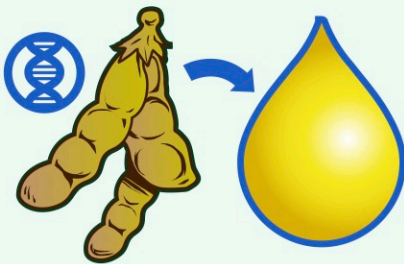


**"FREE FROM"
SOURCES ARE
PROVIDED**



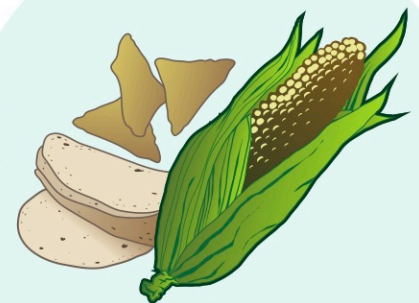
Biotechnology, genetic modification and genetic engineering all refer to sophisticated plant breeding. The goal is to take a desirable plant trait and transfer it to a plant that needs improved." When this happens, the seeds go through testing for safety, durability, efficacy, farm level economics, robustness and ability to meet regulations before being planted.

Seed science has benefits for the food industry, consumers and farmers.



High oleic soybeans are modified to produce a more nutritional oil with more monosaturated fat (good fat), less saturated fat and little to no trans fat.

There are **white and waxy corn hybrids** that are easier for the food industry to process into products like tortillas or chips.



Seed science can also help with food waste by modifying **apples or potatoes that don't brown**.

The food industry benefits when farmers protect crops



WEEDS



PESTS

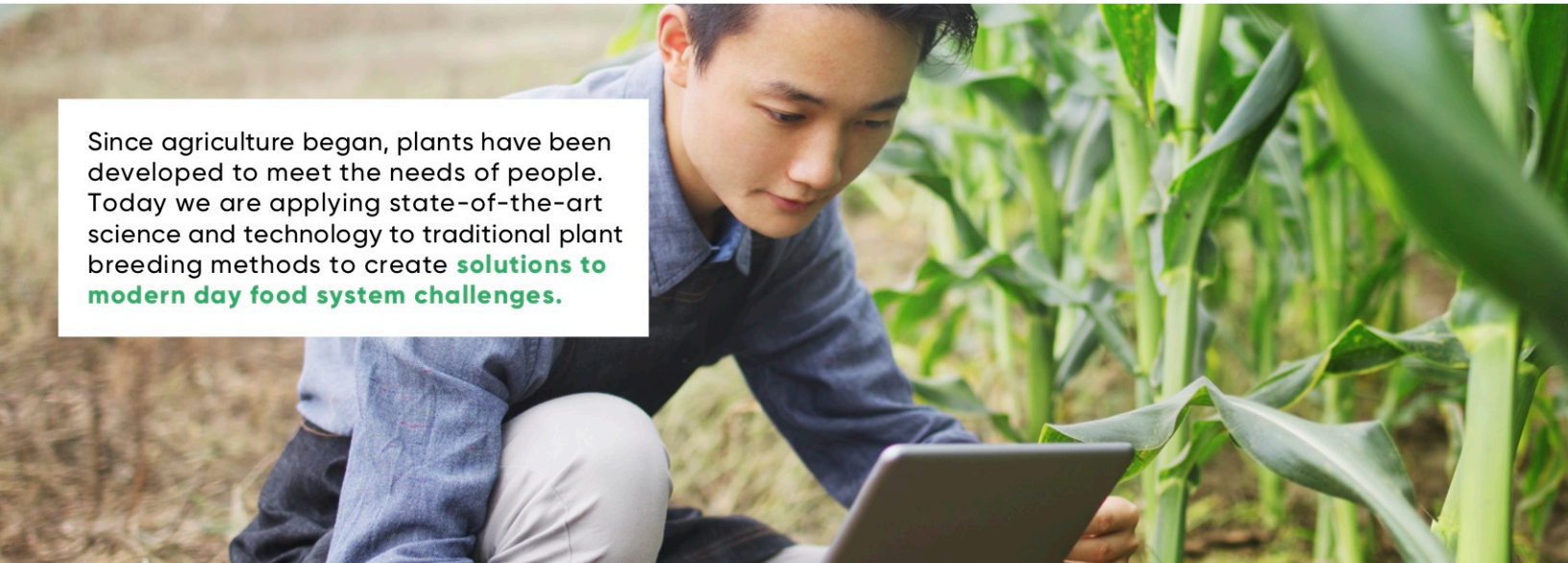


DISEASE



**DIFFICULT GROWING
ENVIRONMENTS**


Bringing state-of-the art **plant science** to food system challenges



Since agriculture began, plants have been developed to meet the needs of people. Today we are applying state-of-the-art science and technology to traditional plant breeding methods to create **solutions to modern day food system challenges.**



Regardless of the market you serve, plant science can create new, more nutritious offerings, make supply chains more reliable and sustainable, reduce waste and improve margins. Our team of solvers rely on a wide-set of plant development and crop production tools and food production know-how to address **specific interests and market requirements.**



Whether it is traditional cross breeding and advanced plant science tools like high throughput genome mapping or leading agronomic practices and digital applications or new gene editing techniques, plant science can help you better satisfy your customers' needs and wants.

Visit corteva.com to learn more or contact us at letstalkfood@corteva.com to learn more about plant science and how our science can help your business and solve your challenges.

