








Corteva Agriscience and others are using CRISPR to solve some of our greatest food challenges.

POSSIBILITIES FOR CONSUMERS:

						
Enhance heart-healthy soybean oil	Create low-gluten wheat (targeting proteins associated with celiac and gluten sensitivity)	Improve the flavor and cost of decaffeinated coffee with a naturally decaffeinated bean	Boost the cacao plant's immune system to resist a harmful virus	Reduce vineyard fungus affecting the wine industry	Protect bananas against disease	Shield oranges from a disease decimating citrus orchards

POSSIBILITIES FOR FARMERS:

	WHEAT	STRAWBERRIES POTATOES AVOCADOS	CORN	SOY	CANOLA	RICE	SUNFLOWER
• Disease resistance	✓		✓	✓	✓	✓	
• Higher yield using fewer resources	✓		✓		✓	✓	
• Drought tolerance			✓			✓	
• Better product quality			✓		✓		✓
• Faster to mature			✓	✓		✓	
• Slow browning or rot		✓					

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.