Bayer’s Short Stature Corn Unlocks Innovation in Agronomic Systems

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Forward-Looking Statements

This presentation may contain forward-looking statements based on current assumptions and forecasts made by Bayer management.

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We seek to deliver world-class innovation, new standards in sustainability and pioneer a digital transformation in agriculture to feed a growing global population.
Producing Better

The history of corn production plot demonstrates the great strides we have made in producing more with less, and to reduced our environmental impact while meeting the needs of a growing population on an increasingly hotter planet.
The Next Generation Corn System
Strategic Pillars

1. Unparalleled production stability and in-season access
   - Game changing innovation

2. More resilient to severe weather events
   - Digitally optimized system

3. More sustainable future
   - A digitized system driving precision and efficiency
Two Approaches to Short Stature Corn Advance

Genome Editing Reveals Promising Third Option

Three Development Approaches to Short Stature Corn Provide Options to Access Multiple Markets

// Breeding: ADVANCED TO PHASE 3
Advanced breeding used to introgress naturally occurring short stature characteristic into elite germplasm.

> VITALA commercial beta in Mexico in 2020

// Biotech: ADVANCED TO PHASE 3
In collaboration with BASF, uses transgene to shorten internodes; enables applicability across wide-array of germplasm.

NEW! // Genome Editing: DISCOVERY
Multiple, elegant approaches to generate short-stature corn, creating potential for opportunities in multiple markets.
Short Stature Corn withstood sustained high wind conditions during the 2020 Derecho storm in Iowa

Newton, IA R&D location experienced 50-75mph wind speeds
Short Stature Corn allows for precision in-season application of crop protection and fertility.

- Short corn extends toolbar access ~7 days
- Short corn allows full-season access with high clearance equipment
The Next Generation Corn System

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1. Unparalleled production stability and in-season access
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3. More sustainable future

Game changing innovation

A digitized system driving precision and efficiency

More resilient to severe weather events

More sustainable future