

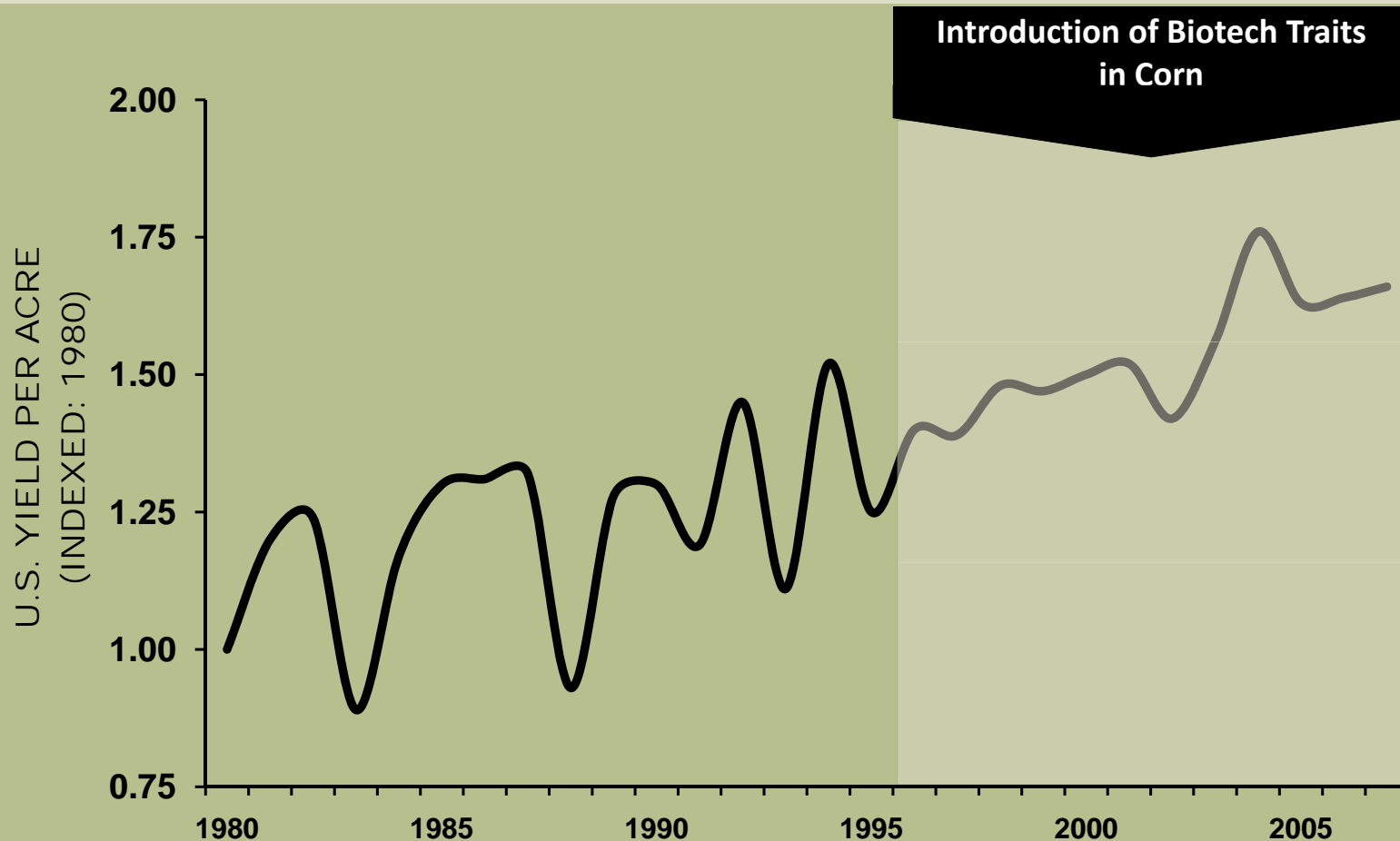
# Forward-Looking Statements

*Certain statements contained in this presentation are "forward-looking statements," such as statements concerning the company's anticipated financial results, current and future product performance, regulatory approvals, business and financial plans and other non-historical facts. These statements are based on current expectations and currently available information. However, since these statements are based on factors that involve risks and uncertainties, the company's actual performance and results may differ materially from those described or implied by such forward-looking statements. Factors that could cause or contribute to such differences include, among others: continued competition in seeds, traits and agricultural chemicals; the company's exposure to various contingencies, including those related to intellectual property protection, regulatory compliance and the speed with which approvals are received, and public acceptance of biotechnology products; the success of the company's research and development activities; the outcomes of major lawsuits; developments related to foreign currencies and economies; successful operation of recent acquisitions; fluctuations in commodity prices; compliance with regulations affecting our manufacturing operations; the accuracy of the company's estimates related to distribution inventory levels; the company's ability to fund its short-term financing needs and to obtain payment for the products that it sells; the effect of weather conditions, natural disasters and accidents on the agriculture business or the company's facilities; and other risks and factors detailed in the company's most recent periodic report to the SEC. Undue reliance should not be placed on these forward-looking statements, which are current only as of the date of this presentation. The company disclaims any current intention or obligation to update any forward-looking statements or any of the factors that may affect actual results.*

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# Introduction of Biotechnology in Corn Reduces Volatility in U.S. Corn Yields



Introduction of Biotech Traits  
in Corn

**BIOTECH**

PROTECTING YIELD  
Making sure potential  
yield translates to  
realized yield

REDUCING RISK  
By reducing volatility  
caused by insects and  
environment, biotech  
reduces production risk

**BREEDING**

CREATING YIELD

Boosting the inherent yield possible from the seed

INCREASING INHERENT YIELD  
Average U.S. yields for corn have  
increased >25% in last 20 years

**VALUE**

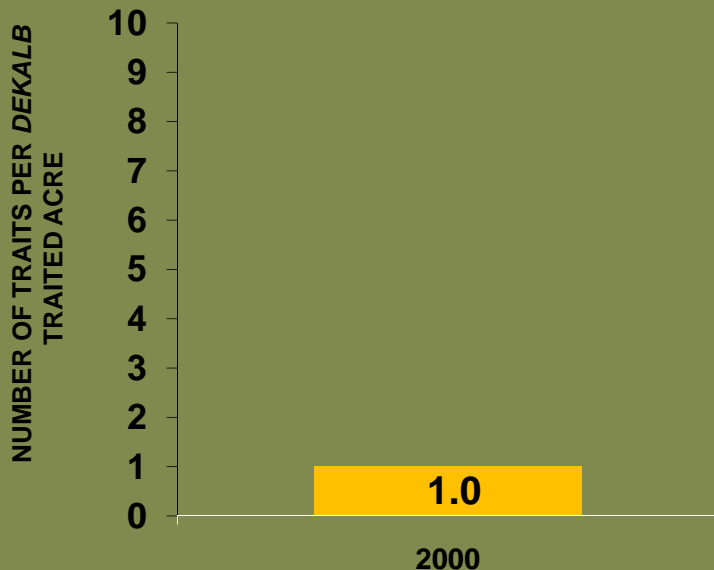
IMPROVED YIELD AND  
REDUCED RISK

# 2000: Corn Growers in the U.S. Plant 17 Million Acres of Monsanto Corn Traits; 15 Million of *YieldGard* Corn Borer

CORN TRAIT PACKAGE OF CHOICE:  
*YIELDGARD* CORN BORER



## DEKALB U.S. Trait Intensity Per Acre



## ACRES AND YIELD:

Average U.S. Yield:	~140 bu/ac
U.S. Acres Planted:	~70 M

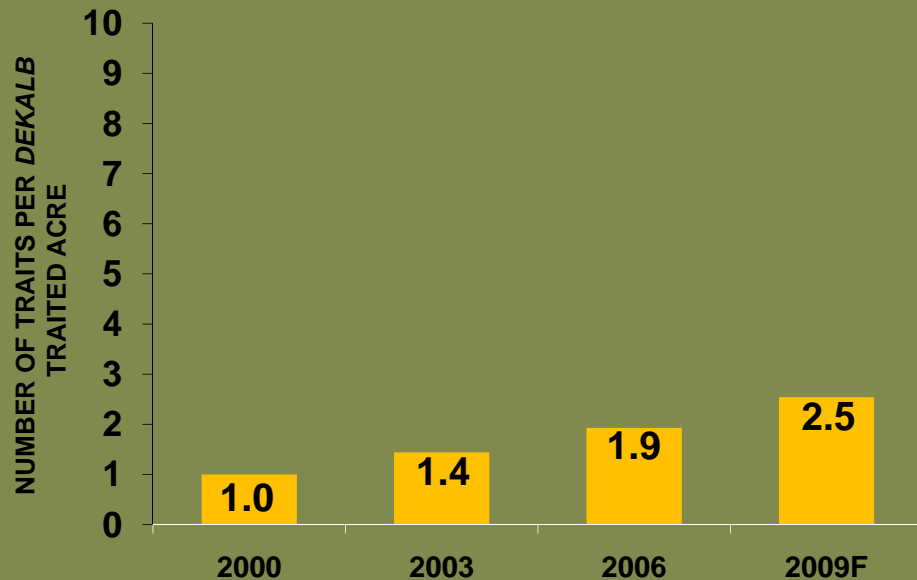
## 2000 AGRONOMIC PRACTICES:

- 27,000 plants per acre
- 180 pounds of nitrogen per acre
- Seed: *YieldGard* Corn Borer by *Roundup Ready* Corn
- Seed Treatment: Trilex, Maxim XL and Poncho 250
- Herbicide: *Harness* followed by *Marksman*
- 20% insect refuge requirement

# 2009: Corn Growers in the U.S. Plant ~140 Million Acres of Monsanto Corn Traits; 32 Million of Triple-Stack

CORN TRAIT PACKAGE OF CHOICE:  
*YIELDGARD VT TRIPLE STACK*

## DEKALB U.S. Trait Intensity Per Acre



## ACRES AND YIELD:

Average U.S. Yield:	~155 bu/ac
U.S. Acres Planted:	~86 M

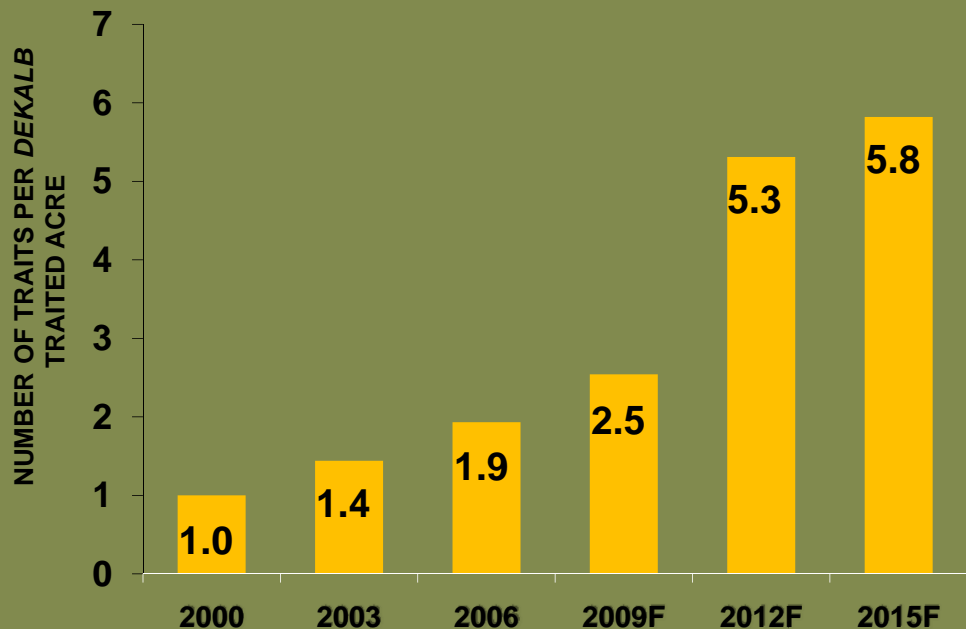
## 2009 AGRONOMIC PRACTICES:

- 33,000 plants per acre
- 180 pounds of nitrogen per acre
- Seed: *YieldGard VT Triple*
- Seed Treatment: Cruiser Extreme 250
- Herbicide: *Harness* followed by *Roundup*
- 20% insect refuge requirement

# 2015: Monsanto Expects To Provide State-of-the-Art Trait Protection with *SmartStax* Drought-Tolerant Corn

CORN TRAIT PACKAGE OF CHOICE:  
*SMARTSTAX* WITH FIRST GENERATION  
DROUGHT-TOLERANCE<sup>1</sup>

## DEKALB U.S. Trait Intensity Per Acre



## ACRES AND YIELD:

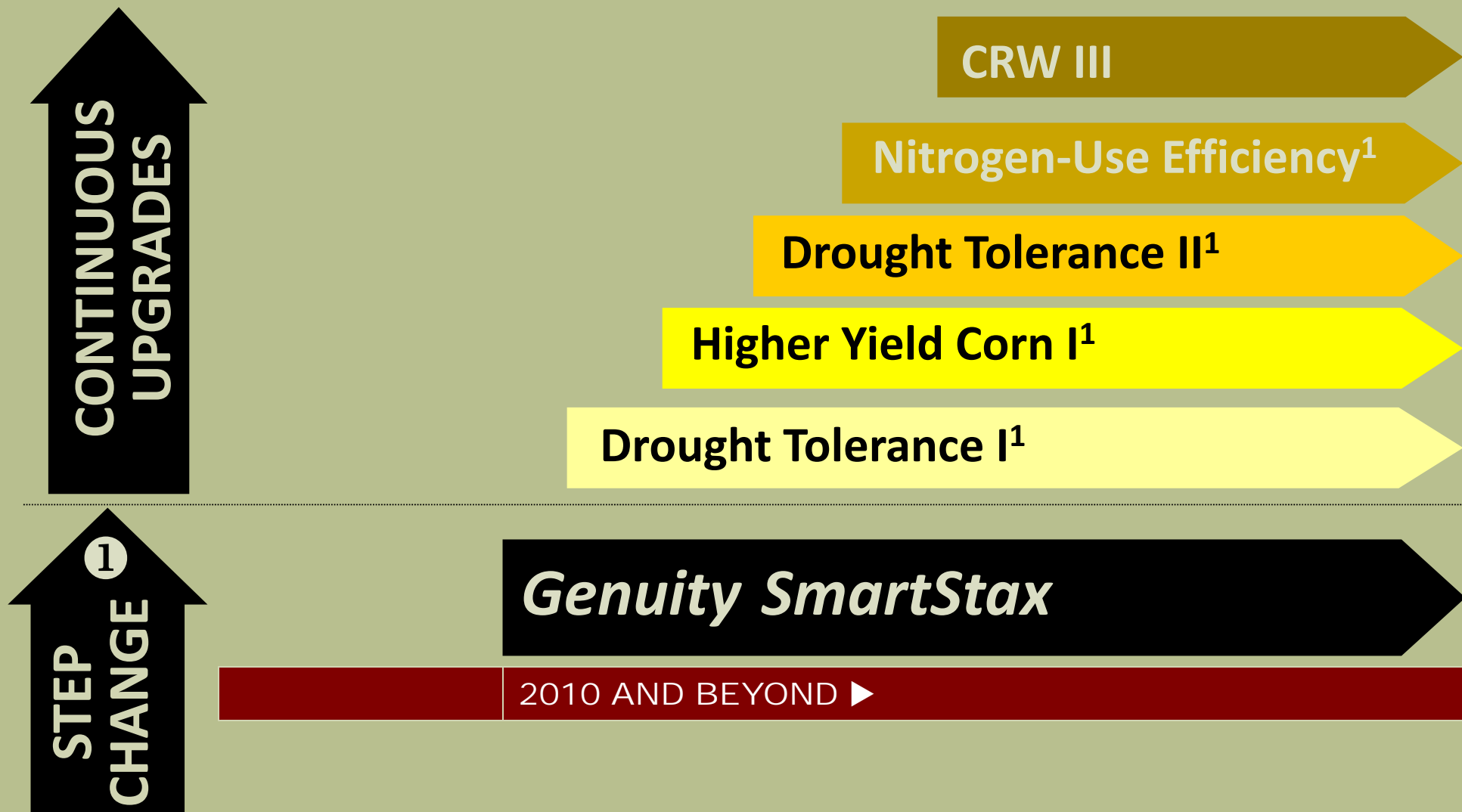
Average U.S. Yield: ~180 bu/ac

U.S. Acres Planted: ~90 M

## 2015F AGRONOMIC PRACTICES:

- 36,000 plants per acre
- 180 pounds of nitrogen per acre; localized application
- Seed: *SmartStax* with drought-tolerance
- Seed Treatment: *Acceleron*
- Herbicide: *Roundup*, *Liberty*
- 5% insect refuge requirement with *SmartStax*

# Genuity SmartStax Anchors Technology Acceleration



<sup>1</sup>Part of the Yield and Stress Collaboration with BASF