



Biotech Advances in Supply Technology

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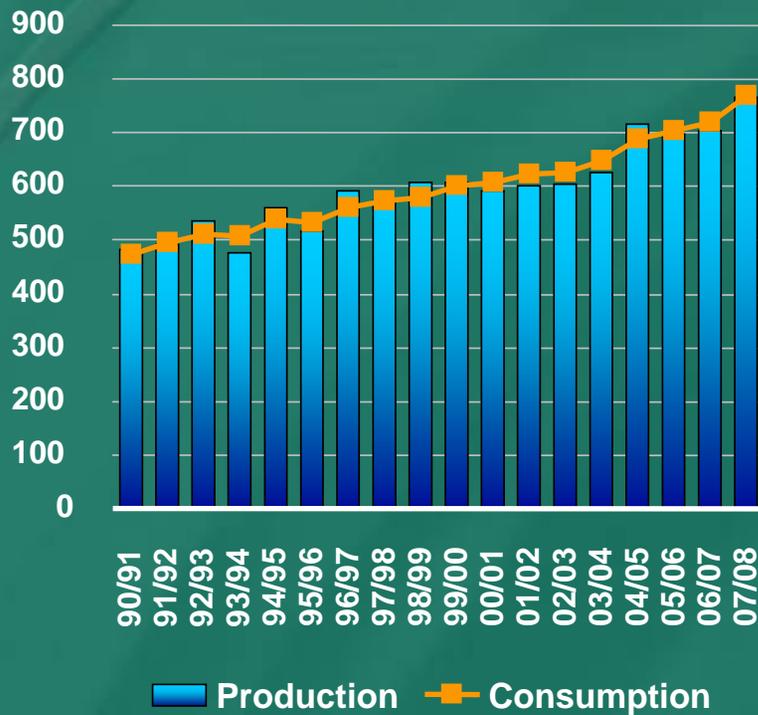
DuPont Vice President and General Manager

Pioneer Hi-Bred President

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World Corn Production, Consumption & Yield

Million Metric Tons



Metric Tons / Ha



Population & Income Drives Demand for Corn and Soybeans

+13%

Growth in global population over the last 10 years

+35%

Growth in global income over the last 10 years

+25%

Growth in meat consumption over the last decade

+32%

Growth in global corn consumption over the last decade

+59%

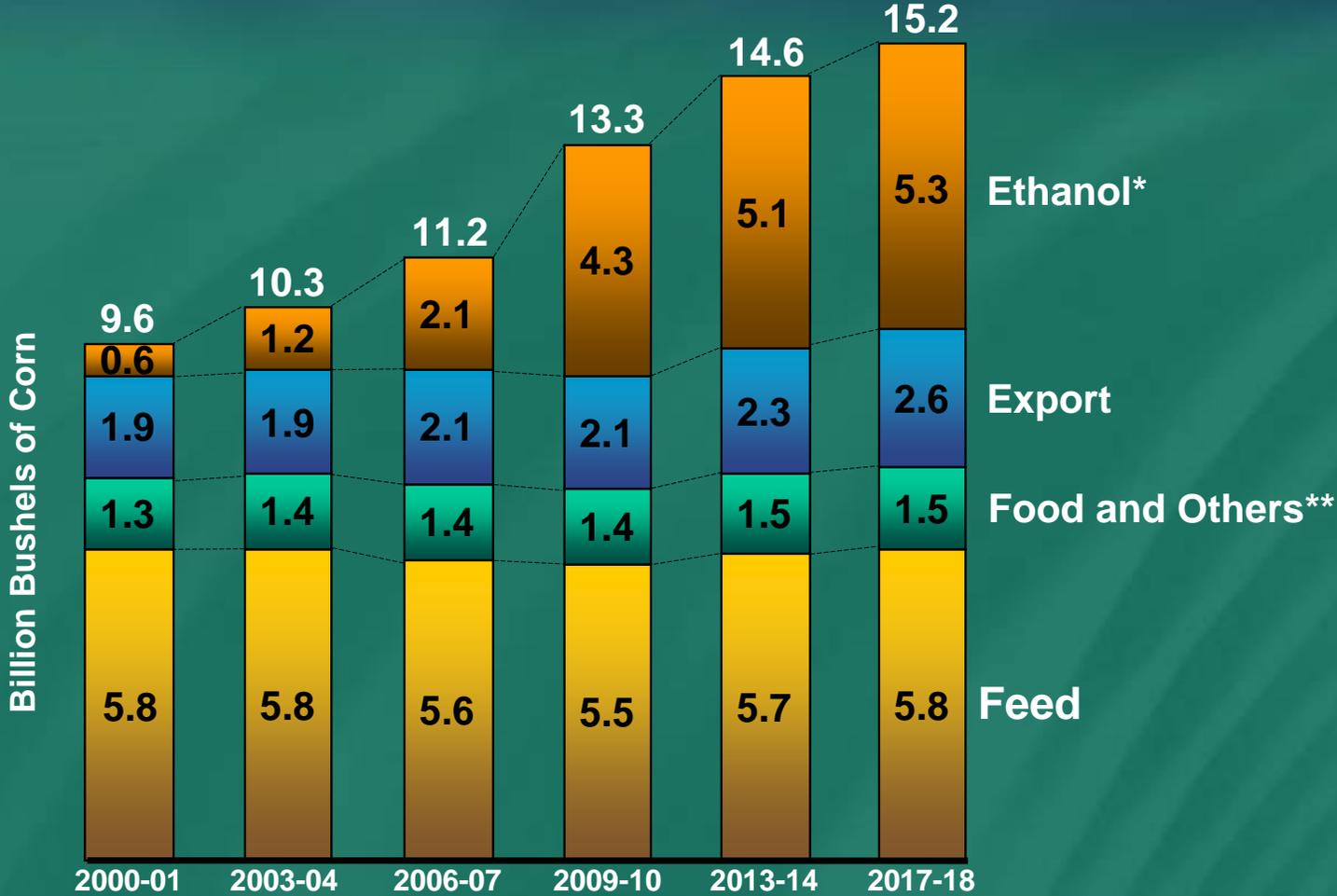
Growth in global soybean consumption over the last decade

+4%

Growth in global crop area harvested over the last decade

Increasing Global Demand for Grain

Consumption by End-Use Segment: 2000-2017



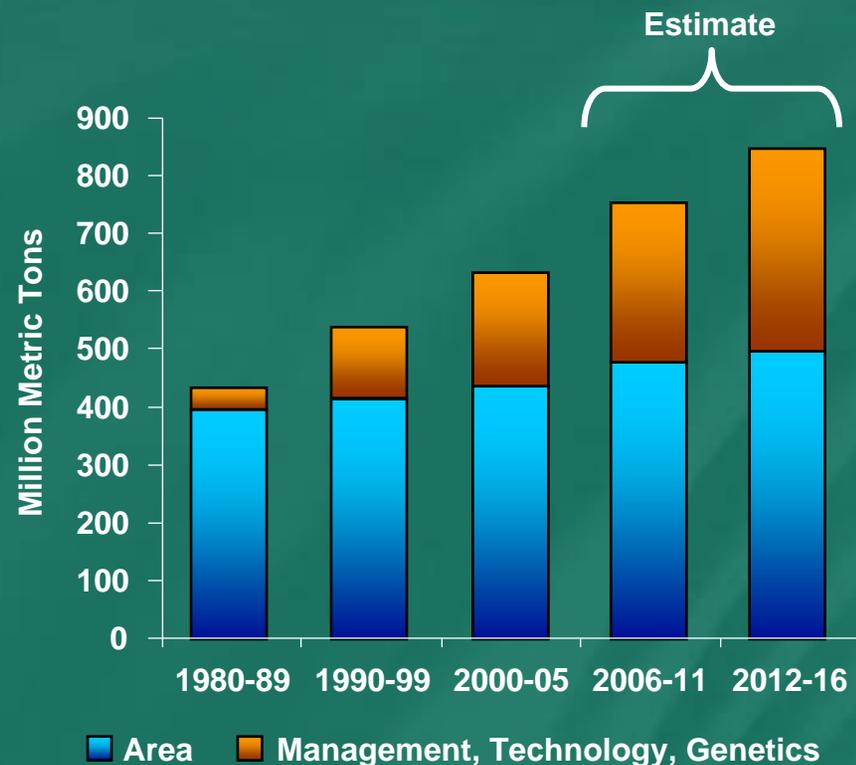
* Includes both wet and dry milled Ethanol
 ** Includes Whites, Waxy, and Food Grade
 Source: Pioneer PWF U.S. Corn Market Data



Increasing Productivity on Existing Farmland

- Yields must continue to increase to keep pace with increasing population and incomes
- If yields don't keep pace, marginal areas will be pulled into production
- Since 1980 global corn area increased 11%, production increased 68%
- More than 184 million corn “virtual acres” have been created since 1980

World Corn Production: 1980-2016



Accelerating the Rate of Gain

Redefining Agricultural Productivity



World Leader in Seed Genetics

Delivering Value is Key to Future Success

Elite Genetics

Most extensive
elite genetics
pedigrees

+

Biotechnology

Proprietary traits
and genomic tools

+

Chemistry

Complementary
and high value
solutions

Rich, Balanced Pipeline

Providing solutions for the entire
food and energy value chain



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New Traits this Decade

Herculex® I Insect Protection



Herculex® RW Insect Protection



Optimum® GAT® Trait



Optimum® GAT® Trait



High Oleic Soybeans



Seed Production Technology



Delivering Superior Corn Performance

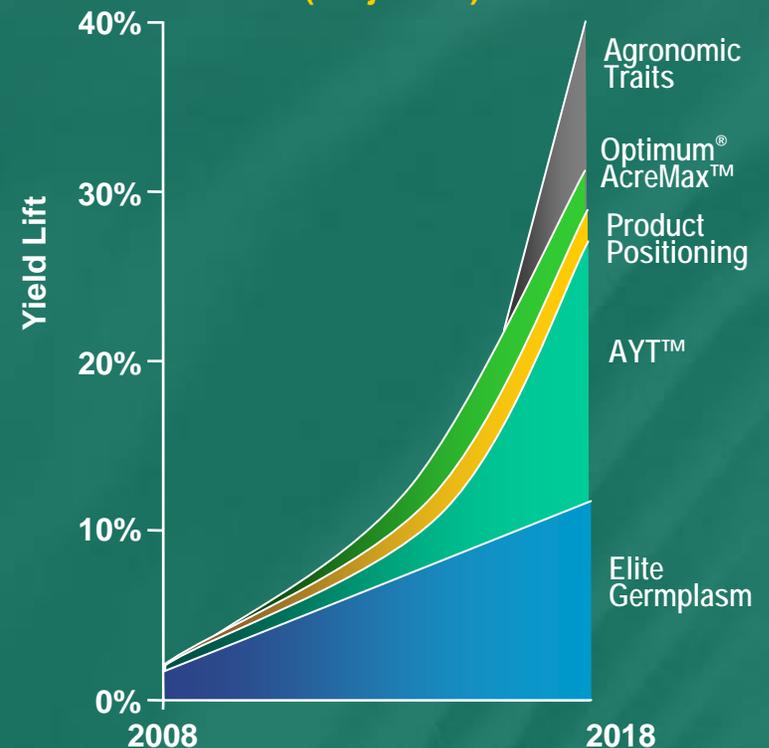
New 2008 Class is Robust

- 23 new genetic platforms
- 59 new hybrids
 - 22 new HXX/RR2 products
 - 15 new HX1/RR2 products

Advanced Technologies Build on Leadership Position

- Accelerated Yield Technology™ (AYT™) and molecular markers for yield, agronomic and disease traits
- Optimum® AcreMax™
- Pipeline of drought tolerance, increased yield and nitrogen use efficiency genes

Corn Yield Improvement (Projection)



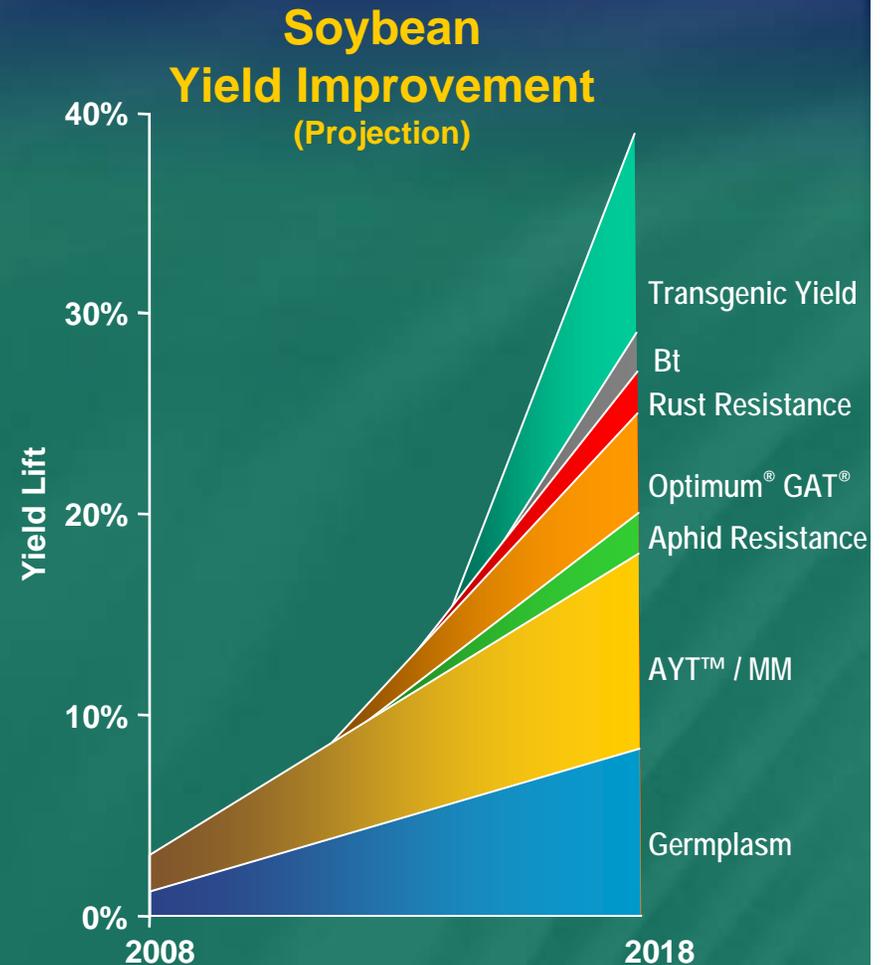
Delivering Superior Soybean Performance

New 2008 Class is Strongest in History

- Several new varieties yield 10% over current leaders

Advanced Technologies Build on Leadership Position

- Accelerated Yield Technology™ (AYT™) and molecular markers for defensive traits
- Optimum® GAT® trait
- Yield genes
- High Oleic



Optimum® and GAT® are trademarks of Pioneer Hi-Bred.



High Value Agronomic Traits

Drought Tolerance

- Four most advanced drought leads showing 5-14% yield increase in all stress locations (8) in the corn belt
 - No negative yield impact watered situation
 - All different modes of action
 - All leads will enter phase two decisions in 2008
- 50 new drought leads in phase one evaluation

Drought Tolerance



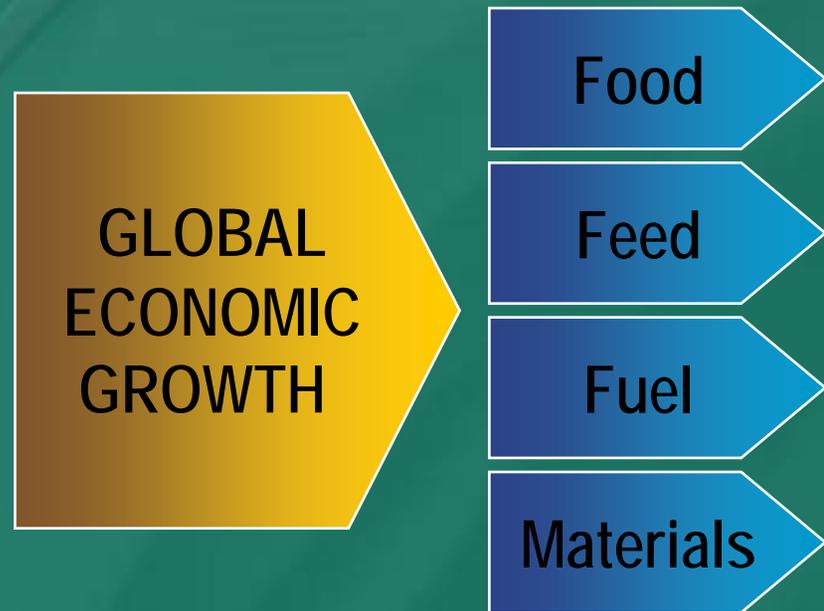
Nitrogen Use Efficiency

- Greater than 20 NUE leads under evaluation in phase one
- Top seven leads showing 10-25% yield increase in reduced nitrogen environments

Nitrogen Use Efficiency



Helping Agriculture Meet Increased Demand



- The new global agricultural economy is an evolution, not a revolution.
- Global economic growth since the late 1990s has increased demand for agricultural commodities.
- Food, feed, fuel and materials demand growth looks to accelerate under the current market fundamentals.
- The agriculture sector has always been able to supply the demand!

The image features the DuPont logo, which consists of the word "DUPONT" in a bold, white, sans-serif font. The letters are contained within a white, horizontally-oriented oval border. To the right of the oval, there is a registered trademark symbol (®). The background is a dark teal color with a subtle, repeating pattern of small white dots. A dark blue curved shape is visible in the upper left corner, partially overlapping the teal background.

DUPONT®