

Here's what processors are saying:

"We see a big difference in grain quality from our growers. As we evaluate our plant performance, we've learned that reducing kernel damage and choosing a seed product with higher ethanol yield is a win-win for everyone. The processor sees better ethanol conversions, and the grower helps expand the market for his grain."

Randall J. Doyal, CEO
AI-Corn Clean Fuel

"High grain quality is a critical factor in keeping the ethanol industry growing. Careful grain handling, combined with selection of hybrids with greater ethanol yields, can help improve processing efficiency and the long-term sustainability of this important market for grain."

Robin Sampson, Merchandiser
Hawkeye Renewables

RELATED WEBSITES:

American Coalition for Ethanol
www.ethanol.org

Ethanol Promotion and Information Council
www.drivingethanol.org

National Corn Growers Association — Ethanol Information
www.ncga.com/ethanol/main/index.htm

Renewable Fuels Association
www.ethanolrfa.org



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To protect the usefulness and availability of these technologies for the future, growers must implement an Insect Resistance Management (IRM) program as specified in product use guides for the following traits available in Pioneer corn hybrids: Herculex[®] I, Herculex RW, Herculex XTRA and YieldGard[®] Corn Borer.

For detailed IRM requirements for hybrids with in-plant insect resistance, refer to the appropriate product use guide, available from your Pioneer sales professional or on the web at: www.pioneer.com/IRM.

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TECHNOLOGY THAT FUELS™

Pump maximum performance
from your acres with
Pioneer[®] brand HTF ethanol hybrids



PIONEER
A DUPONT COMPANY

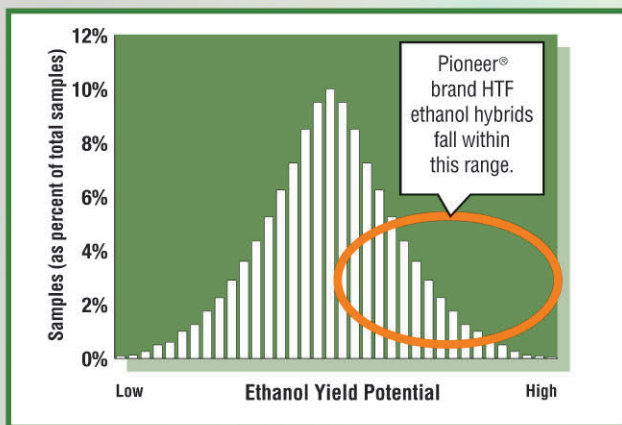
MAXIMIZING YIELDS FROM YOUR FIELDS

As demand for renewable fuels grows, increasing productivity is essential at every step in the biofuels value chain. Pioneer is combining more than 80 years of corn breeding expertise with accelerated technologies to increase grain and ethanol yields for today's growers and processors.

PIONEER® BRAND HIGH TOTAL FERMENTABLE (HTF) ETHANOL HYBRIDS

Extensive Pioneer research shows there can be up to a 7 percent variation in ethanol yield potential among different corn hybrids. To identify hybrids best suited for ethanol, Pioneer has taken the lead in characterizing its corn hybrids for their dry-grind ethanol production potential.

- Pioneer® brand hybrids with above average ethanol yield potential are designated as High Total Fermentable (HTF) ethanol hybrids. These ethanol corn hybrids deliver higher levels of fermentable starch, resulting in higher ethanol output.
- Currently, more than 180 Pioneer brand ethanol hybrids are available across a wide range of maturities.



Distribution of Ethanol Yield Potential in 12,000+ loads.

IMPROVING QUALITY WITH HERCULEX® INSECT PROTECTION

Pioneer brand ethanol hybrids combined with Herculex® insect protection traits — The Better Bt™ — help maximize grain yields and quality by:

- Reducing insect damage to the grain and plant.
- Reducing the possibility of mycotoxin presence.

These exciting technologies help ensure a more consistent supply of high quality grain for efficient ethanol production and distiller's grain for the livestock/feed industry.



HIGHER ETHANOL YIELDS PER BUSHEL, EXPANDED MARKETING OPPORTUNITIES FOR YOU

To help ethanol processors and growers accurately estimate ethanol hybrid productivity, Pioneer developed the first whole-grain Near Infrared (NIR) calibration. The NIR calibration, backed by extensive data collection and testing, provides an accurate prediction of ethanol yield potential for each load of grain delivered to the processor.

- Using the Pioneer ethanol yield NIR method, processors can implement a grower feedback system. This system will identify the weighted ethanol yield average of all corn delivered to the processing plant and the ethanol yield average of each grower's deliveries.
- As a grower, you can use this information to make better hybrid decisions to improve the performance of the grain targeted to the ethanol processor.
- Providing top quality ethanol corn to processors also helps expand your grain marketing opportunities.

PARTNER WITH PIONEER

Pioneer was the first plant genetics company with a dedicated corn breeding program for end-use grain. Pioneer is committed to identifying market opportunities and selecting hybrids and varieties with the right traits for growers and processors.

The Pioneer IndustrySelect® program offers customized solutions to all stakeholders in crop end-use markets. From growers to processors, Pioneer provides:



- Outstanding products that are characterized for specific grain, food and feed needs.
- Extensive industry relationships, marketing services and local agronomic support.
- Enabling technologies.
- Attractive seed and crop protection finance offerings.

Make Pioneer your supply-chain partner! Talk to your local Pioneer sales professional today.

RENEWABLE RESOURCES VISION

DuPont is putting science to work across the biofuels value chain, delivering a total package of crop inputs and processing technologies. The DuPont three-part biofuels strategy includes:

- Improving existing ethanol production.
- Technology to produce cellulosic biofuels.
- Biobutanol partnership with BP and next-generation biofuels development.

The possibilities are endless ... Technology That Fuels™.