

RENEWABLE RESOURCES VISION

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

■ Improving Existing Ethanol

Production: Pioneer is increasing yield per acre and enhancing ethanol yield of corn grain through biotechnology, enhanced and traditional breeding techniques, and ethanol yield prediction analysis of its corn hybrids.

■ Technology to Produce Cellulosic

Biofuels: DuPont and the U.S. Department of Energy (DOE) are jointly funding a research program to develop technology to convert corn stover into ethanol.

■ Biobutanol Partnership with BP and Advanced Biofuels Pipeline:

The DuPont partnership with BP to develop biobutanol is a key piece of the Company's strategy to discover new technologies to make advanced biofuels with enhanced fuel properties. Biobutanol will be the first advanced performance product available from this partnership.

In addition, DuPont has developed a new polymer, Sorona®, that is being made from renewable resources such as corn instead of petroleum-based resources. DuPont formed a joint venture with Tate & Lyle Plc. to build one of the world's largest aerobic fermentation plants in Loudon, Tennessee to produce Bio-PDO™, the key ingredient in DuPont Sorona polymer.

The possibilities are endless with Pioneer and DuPont ... *Technology that Fuels™*.



TATE & LYLE
CONSISTENTLY FIRST IN RENEWABLE INGREDIENTS

TECHNOLOGY THAT FUELS™



PIONEER®
A DUPONT COMPANY

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The miracles of science™



The miracles of science™



PIONEER®
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BIOFUELS LEADERSHIP

As demand for renewable fuels grows, increasing productivity is essential at every step in the biofuels value chain. DuPont and its subsidiary, Pioneer Hi-Bred International, Inc., are in a unique leadership position to deliver a total package of crop inputs and processing technologies to biofuels production.

Pioneer is combining more than 80 years of corn breeding expertise with modern technologies to increase grain and ethanol yields for today's farmers and biofuels producers.

BETTER GENETICS AND BETTER TRAITS FOR BETTER GRAIN QUALITY

Pioneer® brand High Total Fermentable (HTF) ethanol hybrids with Herculex® insect protection traits — The Better Bt™ — help maximize grain yields and quality by:

- Reducing insect damage to grain and plants.
- Reducing the possibility of mycotoxins presence.

This exciting technology helps ensure a more consistent supply of high quality grain for efficient ethanol production and distiller's grain for the livestock industry.



HIGHER ETHANOL YIELDS PER BUSHEL, MORE TOTAL BUSHELS PER ACRE

Pioneer developed the first whole-grain Near-Infrared (NIR) calibration to estimate ethanol gallons per bushel. The NIR calibration, backed by extensive data collection and testing, accurately predicts the ethanol yield potential for each load of grain delivered.

- Pioneer found there is a 7 percent variation in ethanol yield potential among different corn hybrids.



- More than 180 Pioneer HTF ethanol hybrids are characterized for above average ethanol yield potential.
- Using the Pioneer ethanol yield NIR method, ethanol plants can implement a grower feedback system. This system will identify the weighted average ethanol yield of all corn delivered to the plant and the average of each grower's deliveries.

Growers can use this information to make better hybrid decisions to improve the performance of the corn grain targeted to the ethanol plant.

LEADING RESEARCH AND PRODUCT INNOVATIONS

Pioneer will continue to develop products that deliver more grain, ethanol and feed per acre, by:

- Aggressively pursuing hybrid improvements with a focus on more efficient utilization of resources.
- Developing corn hybrids that more efficiently use nitrogen to maintain or increase overall yield.
- Further improving drought tolerance of corn hybrids to maintain yields during periodic water deficits.

LOCAL GROWER RELATIONSHIPS

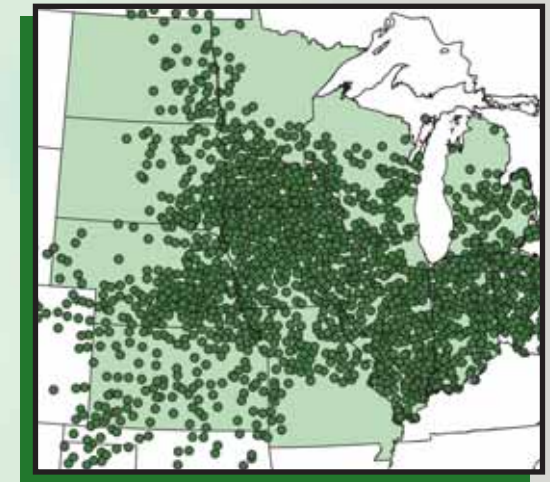
Pioneer is a vital link between the ethanol industry and growers.



The Pioneer IndustrySelect® program offers customized solutions to all stakeholders in crop end-use

markets. From grower to processor, Pioneer provides outstanding products, services and local agronomic support, valuable technologies and attractive seed and crop protection finance offerings.

Pioneer field and agronomy teams have extensive knowledge of product selection, placement and management practices to improve yield and quality. They work directly with growers to help them choose the right combination of products and services for local conditions.



Pioneer sales professionals cover the Corn Belt, supporting Pioneer customers — the best source of high quality grain.