



**Corn Data Report:
Monsanto Reports Early Data Shows It's Hybrids Have Nearly 10 Bushel Yield Advantage**

Nov. 19, 2008

Source: Monsanto news release

While the U.S. harvest season is tracking slightly behind the national historic average, preliminary yield results reveal that corn seed products offered by Monsanto's DEKALB and American Seeds Inc. (ASI) brands are delivering opportunities for greater productivity and profitability to farmers than leading competitive products.

"A farmer's investment in our business demands that we discover and deliver higher-yielding products, which create a strong economic return to their farm and their bottom line," said Robert T. Fraley, Ph.D., executive vice president and chief technology officer at Monsanto. "New data collected from the 2008 season underscores that our corn seed brands are doing just that."

Monsanto recently completed a preliminary review of its yield trials conducted throughout the Corn Belt. This year's data set, which is generated by third parties as well as the company, highlight that:

*Farmers planting DEKALB corn seed products realize greater profitability, productivity per acre: Research generated at more than 12,800 head-to-head comparisons validate that farmers who use DEKALB corn seed and trait products are seeing higher yields and better harvest moisture. The 2008 data underscores that farmers who use DEKALB corn seed realized \$25 to \$65 in additional value per acre when compared with the leading national competitive seed offerings.

*DEKALB and ASI corn seed products deliver more yield to the farm: Data collected from more than 12,800 research comparisons demonstrate that nationally, the five leading DEKALB corn seed products outyielded national competitive corn seed products by 9.8 bushels per acre. Monsanto's DEKALB brand also outyielded Pioneer's competitive corn seed products by 8.8 bushels per acre in data collected from 9,870 head-to-head comparisons throughout the Corn Belt.

*Preliminary data collected from 418 locations throughout the Corn Belt demonstrate that the five leading ASI corn seed products are delivering more than 7 bushels per acre than leading national competitors. ASI's yield advantage was most striking in the 110-day and 115-day relative maturity (RM) zones. The ASI products delivered a yield advantage of more than 11 bushels per acre in the 110-day RM zone and 10 bushels per acre in the 115-day RM zone. Monsanto reports its yield trial data annually so that farmers benefit from a pre-season guide to the on-farm value proposition of the company's products. This approach ensures that all seed products are thoroughly tested and delivering on their potential prior to a farmer ever planting a new hybrid in the field.

Growing yield for a growing world

With growing demand for grain globally, enabling farmers to increase their productivity on each acre of farmland is critical. Yield represents not only profitability on farm, but is also a means to support our world's growing food, feed and fuel needs.

Earlier this year, Monsanto announced an ambitious three-point commitment aimed at producing

more on each acre of farmland, conserving more of our natural resources and improving the lives of the farmers it serves. As part of this effort, the company announced its intent to double the crop yields of corn, soybeans and cotton by 2030 compared to a base year of 2000 in countries where it is able to offer its technology to farmers. The compilation of data collected from the 2008 season underscores the yield advantage that Monsanto's products are already providing to U.S. corn and soybean farmers.

Monsanto's investment in breeding and biotechnology are just two ways the company is actively working to increase productivity on each acre of farmland. The St. Louis-based company spends more than \$2.6 million per day to discover and deliver better seed products to both large-scale and small-holder farmers throughout the world.