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DuPont and Plant Sensory Systems Collaborate to Increase Nitrogen Use Efficiency in Corn
Exclusive Access to New Early Stage Leads in Corn Will Drive Sustainable Productivity Improvements

DES MOINES, Iowa, and BALTIMORE, Md., Oct. 26, 2011 – DuPont and Plant Sensory Systems have entered into a collaboration to evaluate proprietary genes for increasing nitrogen use efficiency (NUE) in corn.

Under the agreement, DuPont business Pioneer Hi-Bred receives an exclusive, worldwide research and commercial license to nitrogen use efficiency genes for corn. This agreement complements Pioneer’s ongoing research related to NUE. Corn products developed using these genes could help growers protect yield while reducing inputs, such as nitrogen fertilizer, and decrease the energy required to apply fertilizers.

Plants use nitrogen for growth and development. Early-season nitrogen stress can create irreversible yield loss, and nitrogen stress at any time in the plant’s life can reduce yield. To prevent yield loss from reduced nitrogen levels, nitrogen is applied to stabilize and maximize the yield potential inherent in commercially available genetics. Application of nitrogen represents significant cost for farmers around the world.

“Corn plants that are more efficient at using nitrogen can improve farmer profitability and productivity, while improving sustainability of agriculture worldwide,” said John Bedbrook, vice president, DuPont Agricultural Biotechnology. “We are pleased to collaborate with Plant Sensory Systems in this important area of agricultural research to help farmers continue to improve their ability to feed their family and their communities.”

“Plant Sensory Systems is looking forward to working with Pioneer, a global leader in producing high-quality, high-yielding seeds, in developing a product to help meet the needs of a growing population in a sustainable manner,” said Kathleen Turano, president, Plant Sensory Systems.

Plant Sensory Systems, LLC is a privately held agricultural biotechnology company in Baltimore, Md., that develops technologies to improve crop performance for the production of food, feed, fiber, biofuel and bio-based products. Plant Sensory Systems has developed traits that increase yields, improve nitrogen and water use efficiency, promote tolerance to drought and high temperature, increase seed oil content, and enhance nutritional value. For more information visit: www.plantsensorysystems.com.

Pioneer Hi-Bred, a DuPont business headquartered in Des Moines, Iowa, is the world’s leading developer and supplier of advanced plant genetics, providing high-quality seeds to farmers in more than 90

countries. Pioneer provides agronomic support and services to help increase farmer productivity and profitability and strives to develop sustainable agricultural systems for people everywhere. Science with Service Delivering Success™.

DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace in the form of innovative products, materials, and services since 1802. The company believes that by collaborating with customers, governments, NGOs, and thought leaders we can help find solutions to such global challenges as providing enough healthy food for people everywhere, decreasing dependence on fossil fuels, and protecting life and the environment. For additional information about DuPont and its commitment to inclusive innovation, please visit www.dupont.com.

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