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## DuPont Pioneer Expands Plenish® High Oleic Soybean Lineup For 2014

**DES MOINES, Iowa**, Jan. 22, 2014 — Soybean growers interested in contracting high yielding soybean varieties with additional premiums have four new options to consider. DuPont Pioneer has expanded its high oleic soybean line by introducing four new Pioneer® brand soybeans with the [Plenish® high oleic trait](#) for the 2014 planting season.

The new Plenish high oleic products for 2014 are part of maturity Group III for planting in the lower central Corn Belt. In 2013 Indiana and Ohio research trials, all four new products offered yield and agronomic performance equal to other elite Pioneer® brand soybean products.

The new soybean varieties have solid genetics and defensive trait packages to help ward off key yield-robbing diseases and pests such as Soybean Cyst Nematode (SCN), Sudden Death Syndrome (SDS) and Phytophthora Root Rot (PRR).

- Pioneer® variety P31T96PR SCN, PRR 1C gene, SDS tolerance
- P33T34PR -- SCN, SDS tolerance, PRR field tolerance
- P34T90PR -- SCN, PRR 1K gene, PRR field tolerance, SDS tolerance
- P35T66PR -- SCN, PRR 1K gene, SDS tolerance

“Plenish high oleic soybeans offer growers the yield, pest resistance and strong agronomic package they expect,” says Steve Schnebly, DuPont Pioneer senior research manager for soybeans. “Growers can also count on receiving both high yields and a processor-paid premium for managing these identity-preserved products.”

Mark Hempfling is a third-generation crop and livestock farmer who plans to grow Plenish soybeans with his father and brother in Ottawa, Ohio, for the third season in 2014. Hempfling chooses to grow high oleic soybeans to meet customer demand.

“If the public wants oil with 0 grams trans fat, soybean growers had better respond to this need or manufacturers will use cooking oils from other sources,” Hempfling says. He also appreciates gaining a premium while getting the same yield and agronomic performance as soybean varieties without the high oleic trait. “We’ve found no yield difference compared to

similar conventional soybean varieties, and we have no additional costs except dedicating a bin to on-farm storage,” Hempfling reports.

Pioneer is working with the major soybean processors, including ADM, Bunge, Cargill and Perdue AgriBusiness Inc. to produce Plenish oil. All Plenish soybeans are currently grown under contract with local soybean processors. The Plenish high oleic trait is approved in the U.S. and 94 percent of the U.S. export markets, the only major exception being the EU.

High oleic soybean varieties are helping soybean growers recapture a vegetable oil market that needs a highly stable oil, and also is moving away from trans fats. FDA requirements are reducing trans fats in the nation’s food supply, thereby diminishing the demand for traditional soybean oil.

Plenish high oleic soybean oil has an oleic content (Omega-9 monounsaturated fatty acid) of approximately 75%, the highest of any soybean under commercial development. As a result, Plenish soybean oil has high heat stability, which is an advantage in frying and in the manufacture of baked goods. Its use also extends the shelf life of manufactured baked goods. This revolutionary new high oleic soybean oil also has excellent heat and oxidative stability in high-temperature industrial applications, such as oils and chemicals.

For more information about Plenish high oleic soybean varieties from Pioneer, please visit: [www.plenish.com](http://www.plenish.com).

[DuPont Pioneer](http://www.dupont.com) 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<sup>®</sup>.

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