

# Low Linolenic Soybean Oil



## Description:

Pioneer Hi-Bred International, Inc., offers a solid product lineup of low linolenic soybean varieties. Since 2004, the product line has expanded steadily with Pioneer® brand soybean varieties that cover broader geographies and growing conditions.

These varieties yield comparable to other Pioneer® brand soybean varieties and produce oil that eliminates the need for partial hydrogenation, resulting in foods with negligible amounts of *trans* fats.



## Benefits:

Consumers benefit from healthier options because oil that does not require hydrogenation contains nearly no *trans* fats. Farmers benefit from planting low linolenic soybeans because they are increasing in demand and they yield as well as other best-selling Pioneer varieties. Farmers will also receive premiums for growing these identity-preserved, low linolenic soybeans.

## Market Value:

The food industry uses more than five billion pounds of frying oil a year. Beginning in 2006, the FDA mandated the labeling of all foods containing *trans* fats. To minimize *trans* fats in their products, the food industry wants alternatives to traditional oils. Pioneer was the first to meet this need, and the demand for low linolenic soybean has grown since the labeling requirements went into effect.

## Timeline:

In the mid-1990s, Pioneer was the first seed company to introduce a low linolenic soybean variety. In 2004, Pioneer again made history as it launched the first low linolenic soybean variety with the Roundup Ready<sup>2</sup> gene. These soybeans are used in the production of TREUS™ brand low linolenic soybean oil, a product of the Bunge DuPont Biotech Alliance. Pioneer growers increased production of low linolenic soybeans to nearly 200,000 acres in 2006, and acreage is expected to expand to about 500,000 acres in 2007.

<sup>1</sup>RR = Pioneer® brand soybean seed with Roundup Ready gene.

<sup>2</sup>Registered trademark of Monsanto Company.

TREUS™ is a trademark of Pioneer Hi-Bred International, Inc.

**TREUS™**  
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