

High Methionine Soybean Developed by Plant Sensory Systems and Schillinger Genetics

Improved Soybean Variety Could Lower Poultry and Aqua Feed Production Costs

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DES MOINES, Iowa & BALTIMORE--(EON: [Enhanced Online News](#))--Plant Sensory Systems, LLC and Schillinger Genetics, Inc. have entered into a collaboration to move towards commercialization a new high methionine soybean variety for animal feed.

Under the agreement, Plant Sensory Systems receives an exclusive commercial license to Schillinger Genetics' NAVITA soybean variety that contains the Enhanced-Nutrition (EN) technology developed by Plant Sensory Systems. The EN technology increases several essential amino acids in seeds, including methionine.

Conventional soybeans are deficient in methionine. To meet dietary requirements, methionine is added to nearly all soy-based feed. Chemically synthesized methionine (or its analog) is the most common form of the supplemental amino acid in feed.

"The level of methionine in the EN soybeans meets the methionine dietary requirements for chicken and fish," explains Frank Turano, CRO of Plant Sensory Systems. "When used for feed, the EN soybean could reduce the need for amino acid supplementation and as a result would lower feed production costs. The EN technology delivers methionine in feed in a sustainable and economical manner."

"We are excited about the significant enhancement of key amino acids from the EN technology in our high protein, ultra-low antinutrient NAVITA soybeans," said John Schillinger, president and founder of Schillinger Genetics, Inc. "The NAVITA line has been shown to have superior performance in animal feeds, including poultry, shrimp, and numerous fish species, especially feed-sensitive salmonids."

"Plant Sensory Systems is pleased to partner with Schillinger Genetics, a global leader in developing premium soy-based products," said Kathleen Turano, president of Plant Sensory Systems.

About Plant Sensory Systems

Plant Sensory Systems LLC is a privately held agricultural biotechnology company that develops plant genetic and biochemical solutions for the food, feed, and bio-based industries. The company is located in Baltimore, Maryland at bwtech at UMBC Research and Technology Park. www.plantsensorysystems.com

About Schillinger Genetics, Inc.

Schillinger Genetics Inc. is a privately held soybean research company that specializes in the development and marketing of soybean varieties selected for improved nutritional composition for food and feed markets. Schillinger Genetics is located at 4401 Westown Parkway, West Des Moines, Iowa.

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