



WHAT ARE SOME NEW SOYLEIC™ VARIETIES THAT ARE HIGH YIELDING AND ALLOW ME TO TAKE ADVANTAGE OF THIS VALUE-ADDED MARKET OPPORTUNITY?

INFORMATIONAL SHEET

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Project Status: Multi-Year

EVALUATION AND COMMERCIALIZATION OF SOYLEIC VARIETIES IN IL

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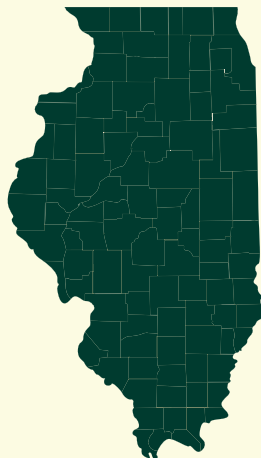
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PROJECT SUMMARY

To help Illinois soybean farmers capitalize on market opportunities for high oleic, low linolenic (HOLL) soybean oil, this project continues the breeding efforts to select and license varieties that combine competitive yields with the value-added SOYLEIC™ trait. The team has a full breeding pipeline and intends to release two to four new varieties each year.

TRIAL LOCATIONS: STATEWIDE



WHY THIS RESEARCH IS IMPORTANT

- ❗ Health concerns over trans-fats have decreased use of soybean oil as a food product. The University of Missouri has developed a soybean trait that has improved oil quality via non-GMO breeding. Marketed as SOYLEIC, the varieties contain greater than 80% oleic acid and less than 3% linolenic acid (high oleic and low linolenic, or HOLL).
- ❗ The improved stability of SOYLEIC oil is opening the door to other industrial/non-food markets, including as a base for motor oil, in automotive lubricants, in marine oils, in hydraulic fluids and more.

HOW THIS RESEARCH BENEFITS THE FARMER

- 🎯 Illinois farmers will have more options for high-yielding SOYLEIC varieties adapted to the various growing environments across the state. This will allow them to capitalize on premium market opportunities in the food industry and various industrial uses.



CHECK OUT FIELD ADVISOR!

See updates and learn more about this project, the research team and other projects at FieldAdvisor.org.

Contact the ISA agronomy team: agronomy-team@ilsoy.org.



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The Illinois Soybean Association (ISA) checkoff and membership programs represent more than 43,000 soybean farmers in Illinois. The checkoff funds market development, soybean production and government relations efforts, while the membership program, Illinois Soybean Growers (ISG) and the Illinois Soybean Growers PAC actively advocates for positive and impactful legislation for farmers at local, state and national levels. ISA upholds the interests of Illinois soybean farmers through promotion, advocacy, research and education with the vision of becoming a trusted partner of Illinois soybean farmers to ensure their profitability now and for future generations.

