WHICH WHEAT VARIETIES OFFER BETTER SPRING FREEZE TOLERANCE AND ALLOW EARLIER HARVESTING FOR TIMELY DOUBLE-CROP SOYBEAN PLANTING TO MAXIMIZE YIELD POTENTIAL?

INFORMATIONAL SHEET

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ENHANCING THE PROFITABILITY OF WHEAT-SOYBEAN DOUBLE CROPPING

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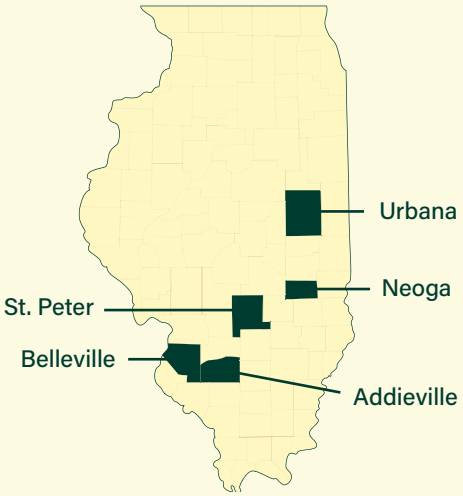
PROJECT SUMMARY

Double cropping soybeans after winter wheat is an attractive approach to enhancing farm profitability and soil health in the Midwest. This project is characterizing and developing new high-yielding winter wheat varieties with early maturity - an important trait that enables earlier planting of double-crop soybeans to maximize yield potential.

TRIAL LOCATIONS



WHY THIS RESEARCH IS IMPORTANT

- Winter wheat continues to gain attention as a tool to break up the soybean-corn rotation cycle, improve soil health and add another profit stream.
- To maximize the profitability of a wheat-soybean double-crop system, it's important to find high-yielding winter wheat varieties that can be harvested earlier so that soybeans can be planted at a time that is more favorable for yield development.

HOW THIS RESEARCH BENEFITS THE FARMER

- This project provides jointing time, maturity time and yield data for available winter wheat varieties to Illinois' farmers so they can make more informed decisions about which varieties to incorporate into a double-crop rotation.
- Knowing jointing time of wheat varieties helps farmers choose varieties that would avoid damage from spring freezes.
- Knowing when wheat varieties reach maturity allows farmers to select for early maturity time in addition to yield to ensure timely double-crop soybean planting.
- This project also develops the next generation wheat varieties that will help growers reach higher levels of yield of both wheat and double-crop soybean crops.

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**.

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.