

NCSRP: BUILDING BLOCKS OF SOYBEAN RESEARCH SUCCESS



SOYBEAN RESEARCH &
**INFORMATION
NETWORK**

AGRONOMIC EVOLUTION

Rutgers Agricultural College published the first soybean test results in 1879. Since then, an evolution of agronomic progress has taken production research from lab to greenhouse to small plots to on-farm, **allowing farmers to conduct real-world tests with their own equipment.**

TAG TEAM APPROACH

Collaborative soy checkoff investments in production research today leverage industry and academic partners. U.S. farmers see an average added value of \$9.42 for every dollar invested. A **team approach delivers better understanding and application** of research results on the farm.

\$9.42
**ADDED
VALUE**

FUNDS FACILITATOR

The North Central Soybean Research Program (NCSRP) drives the research efficiency bus. The **multi-state collaborative effort focuses on enhancing and protecting soybean yield** through genetics and agronomic practices. Since 1992, NCSRP has funded \$56 million in unduplicated practical applied research that accelerates and expands checkoff investment impact.

NCSRP REPRESENTS
MORE THAN

85%

OF THE SOYBEANS
PRODUCED IN THE U.S.

ON-FARM EFFICIENCY

On-farm research has been growing in the last two decades with technology. Farmers can easily test different agronomic practices with their own equipment and management practices.

For example, an integrated partnership with 53 replicated on-farm trials in seven states is benchmarking management practices across a wide range of conditions. In 2020, the NCSRP project found **better management netted an average 3.2 bushel per acre yield increase** and \$31 additional profit. The research finds farmers can fine-tune planting date, maturity group, seeding rate, foliar fungicide and insecticide applications to yield more soybeans and profits.

FUTURE FRAMEWORK

Farmers should consider participating in local research networks to build on NCSRP work to better adapt to the economic and environmental challenges of future soybean production. NCSRP research is developing a **data framework that someday will be available for quicker analysis and decision** tools that provide farmers with more accurate, local recommendations.

Funded by the soybean checkoff

13 NCSRP MEMBER STATES REPRESENT MORE THAN
355,000 SOYBEAN FARMERS



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The Soybean Research and Information Network (SRIN) is a joint effort of the North Central Soybean Research Program and United Soybean Board. The online resource contains checkoff-funded soybean production challenge research findings with direct links to the respective underlying scientific studies housed in the National Soybean Checkoff Research Database.