

Nineteen Year Summary of the Arkansas Soybean Research Verification Program. (A04-beaty080121-Oral)

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Abstract:

In 1983, the Arkansas Soybean Promotion Board funded a project proposed by the Univ of Arkansas Cooperative Extension Service to improve the profitability associated with southern soybean production. Since implementation, the Arkansas Soybean Research Verification Program (SRVP) has enrolled 337 commercial soybean fields. Agronomic and economic data are recorded for all fields. Six production systems are represented in the SRVP: Full Season irrigated and non-irrigated, Doublecrop irrigated and non-irrigated, and Early Season irrigated and non-irrigated. Over the nineteen year period the Early Season irrigated system has produced the highest average grain yield (49.3 bu/A) but the lowest economic returns. The Full Season irrigated system has produced the next highest grain yield (48.3 bu/A) with the greatest economic returns. The Doublecrop irrigated system produces the lowest grain yields (43.7 bu/A) of the irrigated systems but with economic returns only 3 dollars per acre less than the Full Season irrigated system.

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