2025 EnSoil Algae®: S&R Ag Consulting Soybean Trial

Higher Soybean Yield and ROI in Georgia Field Trial

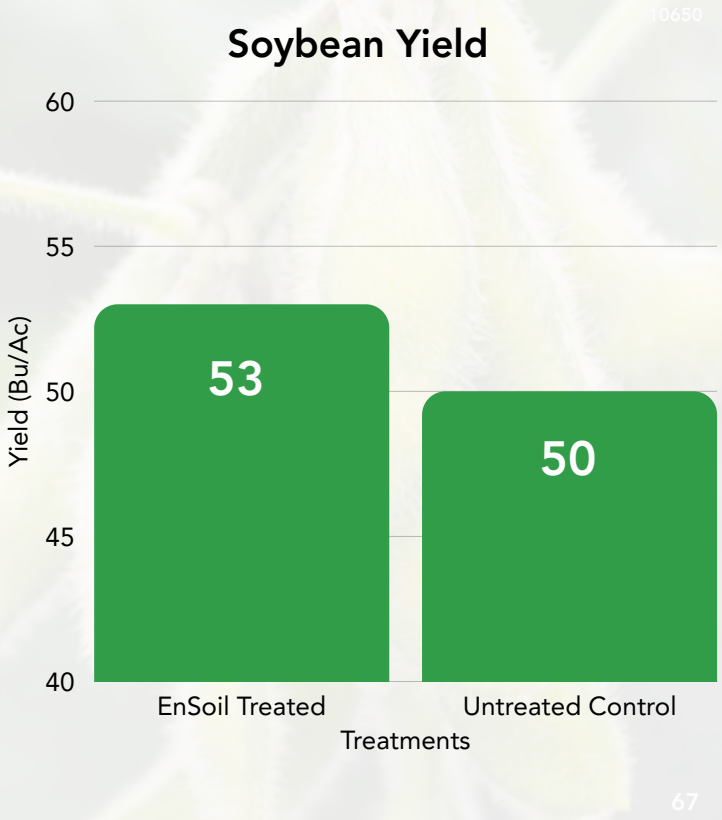
Results

Yields and Returns:

- **Yield Results:**
  - EnSoil Algae® Treated: 53 bushels/acre
  - Untreated Control: 50 bushels/acre
  - Yield Gain (EnSoil vs control): +3 bushels/acre

- **Economic Results:**
  - Soybean price used for calculations: $11.11/bushel
  - Increased revenue from EnSoil: $33.33/acre
  - ROI per acre (after EnSoil cost): $15.33
  - Percent ROI: 85.17%

- **Conclusion:**
  - EnSoil treatment increased irrigated soybean yield and provided a strong positive ROI under the conditions tested.



Trial Description: This irrigated soybean trial was conducted by independent agricultural research firm S & R Ag Consulting. The trial site was located in Worth County, Georgia and consisted of loamy sand soil. Aside from EnSoil applications, all grower standard practices were maintained as consistent between the EnSoil block and untreated control block.

Application Description: EnSoil was applied in-furrow at planting and again 21 days later as a foliar treatment. Both EnSoil treatments included application rates of 8 oz per acre.

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EnSoil Algae®

Made in USA

Trial Design

Grower: Chris King
Researcher: S&R Ag Consulting
Location: Worth County, GA

Planting Date: May 2025
Harvest Date: October 2025

Treatments Given to Plots:

- EnSoil Algae® Treated Plot:
  - Received EnSoil Algae® applied in-furrow at planting (8 oz per acre)
  - Received a second EnSoil Algae® application as a foliar spray 21 days after planting (8 oz per acre)
  - All other grower standard practices were maintained
- Untreated Control Plot:
  - Did not receive any EnSoil Algae®
  - All other grower standard practices were maintained
- Both plots were managed identically aside from the EnSoil applications, ensuring that the only variable was the EnSoil treatment.

Goal: To evaluate the effect of EnSoil Algae® applications on irrigated soybean yield and return on investment (ROI) compared to standard grower practices without EnSoil.

- Increase soybean yield (measured in bushels per acre)
- Deliver a positive ROI after accounting for the cost of EnSoil, using a set soybean market price

Measurements Taken:

- Soybean Yield:
  - Measured in bushels per acre for both the EnSoil Algae® treated plots and the untreated control plots.
- Yield Gain:
  - Calculated as the difference in yield (bushels per acre) between the EnSoil treated and untreated plots.
- Economic Analysis:
  - Revenue increase per acre, based on the extra bushels produced and the set soybean price of $11.11 per bushel.
  - Return on investment (ROI) per acre, calculated after subtracting the cost of EnSoil from the increased revenue.
  - Percent ROI, showing the efficiency of the investment in EnSoil.

Trial Results

The results of the Worth County, Georgia soybean trial were clear and encouraging. Plots treated with EnSoil Algae®, applied both in-furrow at planting and as a foliar spray three weeks later, produced a yield of 53 bushels per acre—three bushels more than the untreated control.

With a soybean price set at $11.11 per bushel, that extra yield translated to an additional $33.33 in revenue per acre. Even after accounting for the cost of the EnSoil treatment, growers saw an ROI of $15.33 per acre—an impressive 85.17% return.

This trial, conducted under real-world conditions and managed by an independent research firm, demonstrates that EnSoil Algae® can make a tangible difference for soybean producers, both in the field and on the balance sheet.



EnSoil Algae® boosted soybean yields by 3 bushels per acre and delivered an impressive 85% ROI—proving it's a game-changer for growers looking to maximize their profits.

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