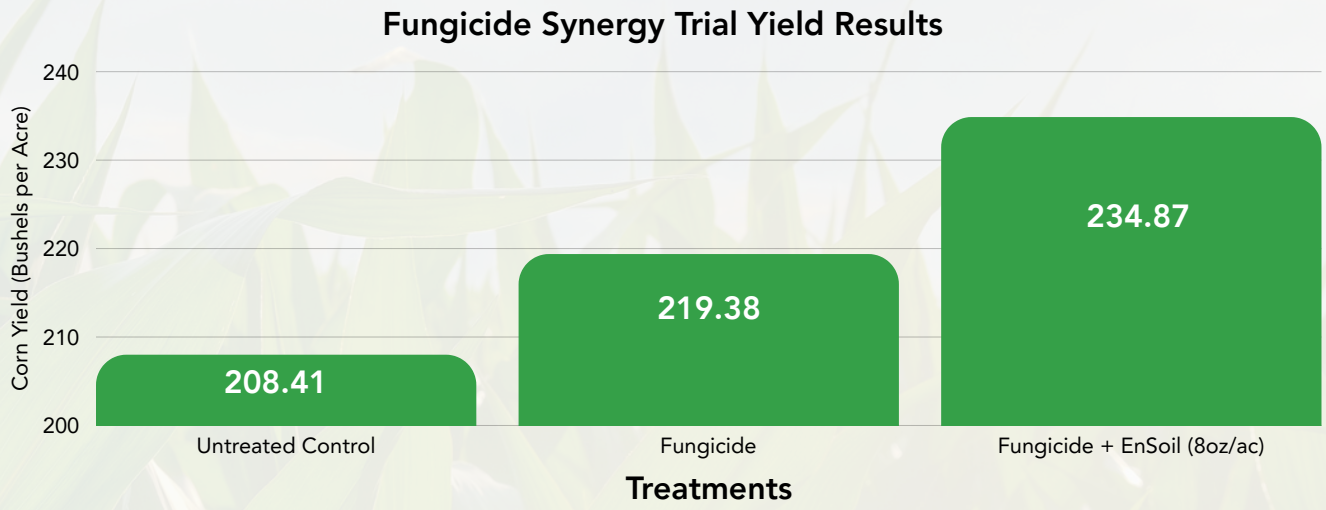
EnSoil Algae®

2025 EnSoil Algae® Broad Spectrum Fungicide Synergy Trial

JRH Grain Farms - Hickory, NC



Results

Untreated Control:

- Yield: 208.41 bushels/acre
- Yield gain: 0 (baseline)

Fungicide alone:

- Yield: 219.38 bushels/acre
- Yield gain: 10.97 bushels/acre

Fungicide + EnSoil (8 oz per acre):

- Yield: 234.87 bushels/acre
- Yield gain: 26.46 bushels/acre

Strongest yield boost was observed in the fungicide + EnSoil (8 oz/acre) treatment, with an increase of 26.46 bushels/acre over the control.

Adding EnSoil to fungicide increased yields beyond using broad spectrum fungicide alone.

The results show a clear synergy between EnSoil Algae® and the fungicide in corn production.

Trial Description: This trial was conducted by Russell Hedrick of JRH Grain Farms in Hickory, North Carolina. The goal of the trial was to evaluate the synergy of EnSoil Algae® alongside a broad spectrum fungicide application.

Application Description: Fungicide was applied at the V10-Tassel stages at a rate of 6.5 oz per acre. EnSoil was applied at 8 oz per acre.

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EnSoil Algae®

REGISTERED ORGANIC INPUT MATERIAL cdfa

OMRI LISTED

Made in USA

Trial Design

Grower: JHR Grain Farms
Location: Hickory, NC

Goal: To evaluate the synergy of EnSoil Algae® when applied alongside a fungicide application in corn production.

Treatments:

- Untreated Control
- Broad Spectrum Fungicide alone
- Broad Spectrum Fungicide + EnSoil (4 oz per acre)
- Broad Spectrum Fungicide + EnSoil (8 oz per acre)

Planting Date: Mid May
Harvest Date: 10/27/2025

Treatments Given to Plots:

- All applications were made according to described rates and timing, with fungicide at V10-Tassel and EnSoil at the indicated rates.
- **Untreated Control:** No fungicide or EnSoil Algae® applied.
- **Fungicide Alone:** Fungicide applied at 6.5 oz per acre at V10-Tassel stage.
- **Fungicide + EnSoil (8 oz per acre):** Fungicide at 6.5 oz/acre (V10-Tassel) plus EnSoil Algae® at 8 oz/acre.

Measurements Taken:

- **Corn yield,** measured in bushels per acre for each treatment plot at harvest (10/27/2025).
- **Yield gain** compared to the untreated control, shown in bushels per acre for each treatment.

Trial Results

The field trial conducted by JRH Grain Farms in Hickory, North Carolina set out to measure whether combining EnSoil Algae® with broad spectrum fungicide could further boost corn yields.

The results showed that the fungicide alone increased yields by nearly 11 bushels per acre compared to untreated control plots. The greatest yield improvement was seen with 8-ounces of EnSoil, which delivered an impressive 26.46 bushels per acre above the untreated plots.

These findings demonstrate a clear synergistic effect, with EnSoil Algae® amplifying the benefits of fungicide treatment and providing growers with a straightforward way to maximize their production potential.



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