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Mitigating Stress with EnSoil Algae

Boost Stress Adaptation: Drought, Heat, Salinity

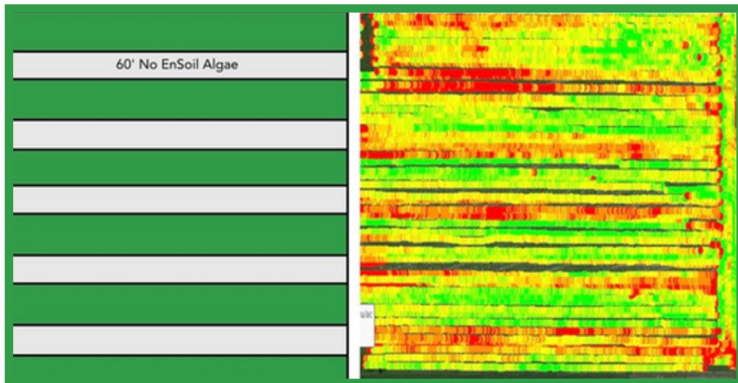
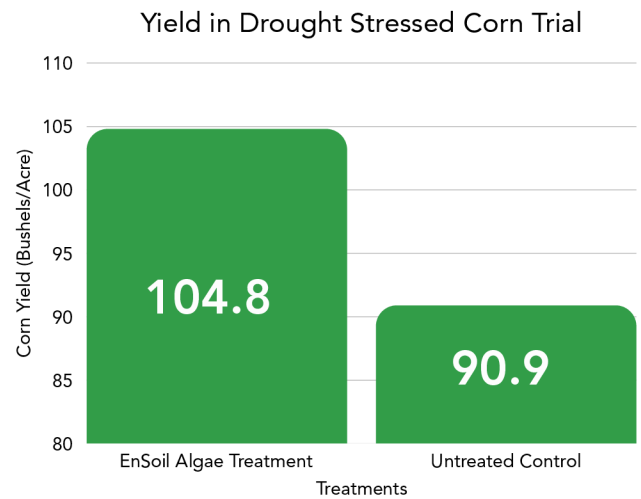
EnSoil Algae optimizes soil conditions to tolerate stress such as drought, heat, or salinity and stimulates plants to release enzymes that help the plant survive changes in conditions.

2025 Stressed Dryland Corn Trial: Oakley, KS

After One EnSoil Application

Under drought stress the EnSoil treatment still delivered a pronounced benefit in both yield and profitability, demonstrating its potential as a tool for improving crop resilience and farm income.

- +13.9 bu/acre yield with EnSoil Algae vs. control under drought
- \$4.29/bu corn price used for calculations
- +\$59.63/acre revenue increase
- \$41.63/acre ROI after treatment cost
- 231.28% ROI
- Strong yield and profit boost with EnSoil



Spraying Map: Green= Treated Spraying Map: Green= Treated

2024 Improved Corn Yield Trial: Clarksville, IA

After Two EnSoil Applications

- EnSoil Algae-treated corn was noticeably taller
- Outperformed untreated areas by 40-50 bu/acre,
- Hog manure applied,
- Impacted by product and improved practices during a drought year.

"I got a 40-50 bu/acre advantage with the EnSoil Algae this year and the product helped a lot with the drought."

-- Keith Lovrien Farms | IA

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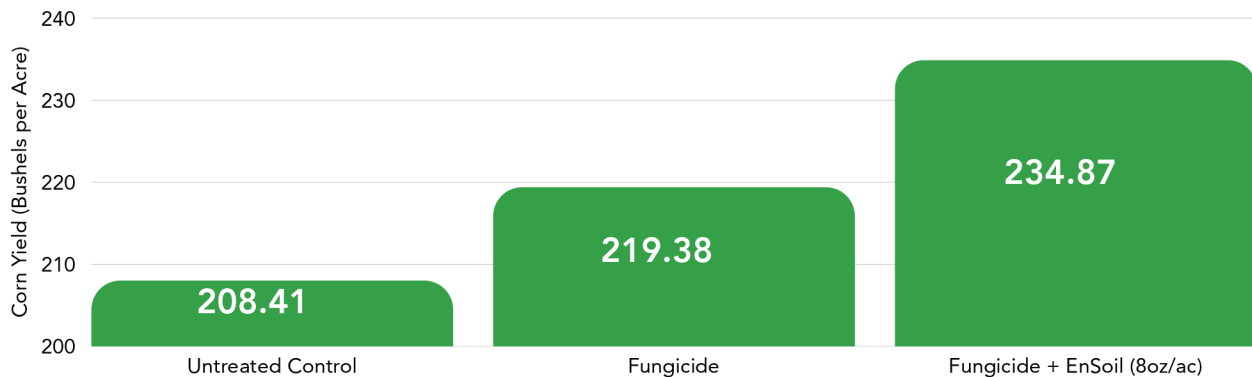
Mitigating Stress with EnSoil Algae: Getting the Most Out of Fungicide Inputs

Broad-spectrum fungicides provide a powerful first line of defense by neutralizing a wide range of pathogens before they can compromise or stress crop health. When paired with EnSoil Algae, this protection is amplified. It optimizes plant vigor and ensures your fungicide works harder to maintain peak performance and yield.

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

2025 EnSoil Algae Fungicide Synergy Corn Trial: Hickory, NC

Fungicide Synergy Trial Yield Results



- **Fungicide + EnSoil (8 oz per acre):** Fungicide at 6.5 oz/acre (V10-Tassel) plus EnSoil Algae at 8 oz/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.**

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Mitigating Stress with EnSoil Algae: Mid-to-Late Season Application for Performance

Late season EnSoil applications give crops and pasture the extra energy needed to stay green and productive during peak summer heat and dry spells.

- Increase chlorophyll and photosynthetic capacity
- Strengthen natural defenses against harsh conditions
- Helps prevent early shut down
- A stronger finish and better yields.

2025 EnSoil Algae Late Season Drone Application Corn Trial: Ag Albert Lea, MN

Treatments	Application Date	Application Rate	Yield Gain (bu/acre)
EnSoil Algae	6/07/2025	8 oz per acre (drone)	5.4
EnSoil Algae	6/13/2025	8 oz per acre (drone)	7.7
EnSoil Algae	7/23/2025	8 oz per acre (drone)	19.8

The trials were conducted on 5 acre plots, with untreated checks serving as a comparison to benchmark EnSoil treatment yield increases

EnSoil foliar application via drone consistently showed major yield gains compared to untreated control plots, with an average yield increase of 10.97 bu/ac. Yield increases ranged from 5.4 to 19.8 bu/ac.



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