



NOVA PULSE® NOVA FLOW®

Farm Trial

Soybean

(Glycine max)

Standard herbicide with
foliar nutrients

Nova FLOW® is a highly soluble fertilizer with N-P-K, plus
magnesium, sulfur, and boron.

Nova PULSE® is a P-K foliar fertilizer with Zn, Co, Mg, S, Mo
for improved nitrogen efficiency and reproductive support.

N 5%

P₂O₅ 10%

K₂O 20%

+ Mg, S, B

N 0%

P₂O₅ 6%

K₂O 4%

+ Co, Mo, Zn, Mg, S





When

Planting: May 31, 2025
Treatment: July 21, 2025
Harvest: October 6, 2025



Where

New Riegel, Ohio
Farm Trial



Crop

Soybean "Pioneer
35Z76" (*Glycine max*)



Treatments

Standard herbicide
program with foliar
nutrition



Measurements

Yield
ROI

Our range of pure, clean, flexible fertilizers help grow crops safely. Nova is a one-stop solution for premium water-soluble fertilizers.

NOVA[®]

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www.icl-growing-solutions.us
or contact our agronomy experts at:
NA.AgronomyServices@icl-group.com



Objective

Evaluate the effects of foliar-applied Nova PULSE[®] (0-6-4 +1Mg +1.3S +0.5Co +10Mo +6Zn) and Nova FLOW[®] (5-10-20 +9Mg +11.7S +0.5B) applied alongside standard herbicide program on soybean yield.

Treatments

This farm trial compared treated and untreated plots across two fields*.

- **Untreated:** Grower Standard Practice (GSP) with standard herbicides
- **Treated:** GSP + Nova PULSE (0.5 lb/A) & Nova FLOW (1.83 lb/A) foliar applied post-emergence with standard herbicides

*Field 1: 18.5 acres, with 6.78 treated with Nova
Field 2: 31.84 acres, with 13.17 treated with Nova

Results

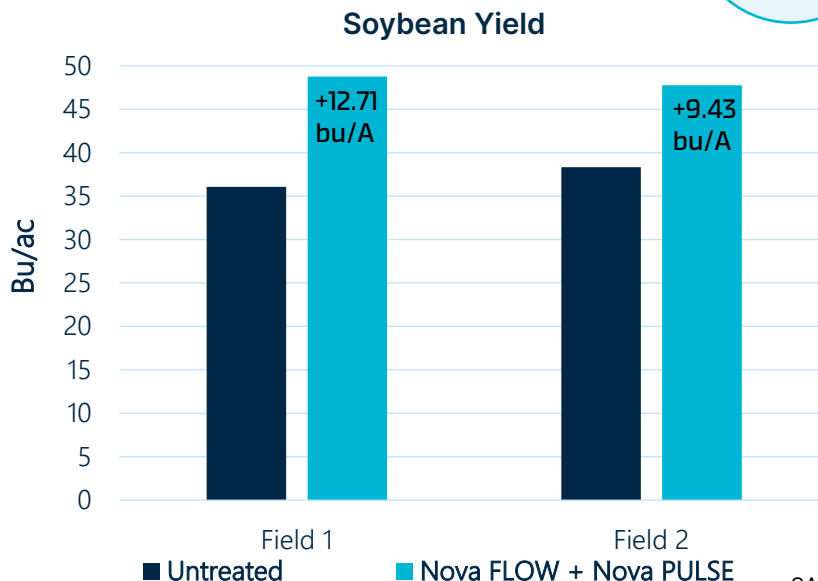
- Notable yield improvements with use of Nova FLOW and Nova PULSE even with reduced rainfall
- The foliar treatment at post-emergence increased soybean yield by an average of 11.07 bu/A and an ROI of 7.4:1

Strategic herbicide combined with Nova foliar applications significantly enhanced soybean yield under variable environmental conditions.

Nova foliar nutrition on soybeans with herbicides increased yield and profitability

*prices based on local grain elevator, NW Ohio, Oct 2025

\$100.35/A*
more profit



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