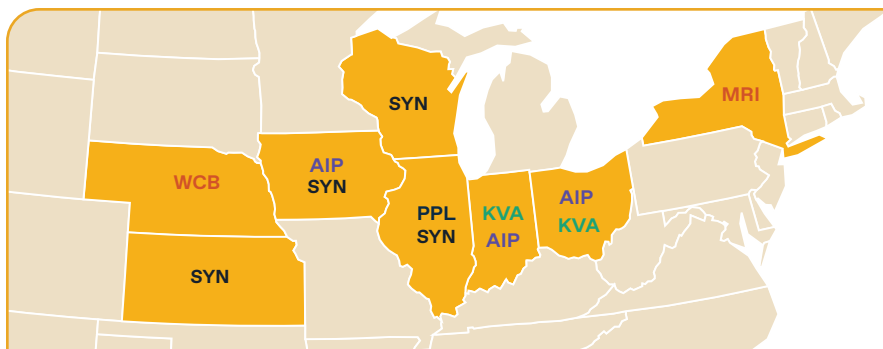


SOURCE 3rd Party Trials

SOURCE
Corn



3RD PARTY ORGS

PPL	PRECISION PLANTING: IL
KVA	KOVA: IN, OH
AIP	AG INGENUITY PARTNERS: IN, OH, IA
WCB	WESTERN CORN BELT: NE
MRI	MINER INSTITUTE: NY
SYN	SYNGENTA: KS, IL, WI, IA

SYNGENTA YIELD AND ROI

KS, IL, WI, IA

+4.1
bu/ac
AVG YIELD

100%
WIN RATE

Syngenta ran on-farm SOURCE Corn efficacy trials at 5 locations.

TAKEAWAYS:

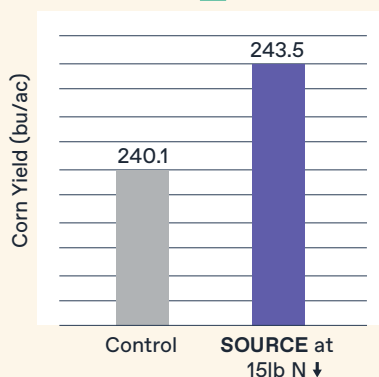
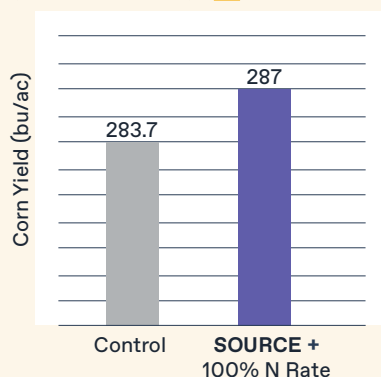
SOURCE corn improved grain yield across all five sites by 4.1 bu/ac, regardless of hybrid.

PRECISION PLANTING YIELD AND NITROGEN REDUCTION

IL



NUE (Units of N/Bushel) ▲ 0.62



SOURCE was tested on two different fields with two different NUE scores. NUE scores were used to determine the best ROI strategy (Boost Yield vs. Optimize N):

TAKEAWAYS:

At NUE of 1 lb/bu, the best ROI outcome was to use SOURCE along with a reduction of N. At lower NUEs, the best ROI outcome was to maintain standard N rates and SOURCE to boost yield.

KOVA YIELD AND ROI

IN, OH

+9.1
bu/ac
AVG YIELD

3X
AVG ROI

Tested SOURCE Corn among various foliar-applied products across 3 locations in OH and IN.

TAKEAWAYS:

In both 2021 and 2022, SOURCE increased yield across all 3 locations, with an average uplift of 9.1 bu/ac.

SOURCE vs Control @ Standard N Rate

AG INGENUITY PARTNERS

WATER QUALITY, 2 YEAR STUDY

IN, OH, IA

The effect of SOURCE on water nitrate levels was measured throughout the season. Tile line water samples were taken from plots with differing rates of nitrogen and irrigation.

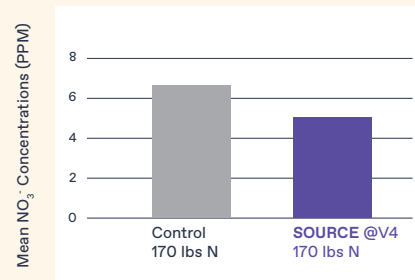
SOURCE-treated plots demonstrated

19%

lower levels of nitrates in tile line water samples

TAKEAWAYS: Nitrate levels were similar between fields before SOURCE application. In the months after application, SOURCE-treated plots demonstrated 19% lower levels of nitrates. These results indicate that using SOURCE, especially when partnered with reducing N, may help improve water quality along with improving nutrient use efficiency.

Nitrate Concentrations (PPM)



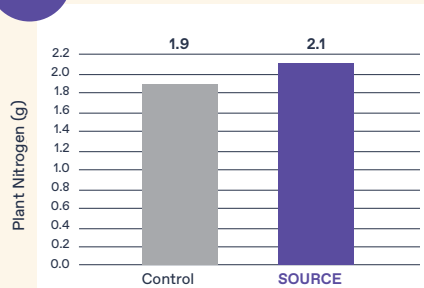
PLANT ANALYSIS

Additional testing demonstrated the impact of a healthy and active microbiome created by SOURCE.

TAKEAWAYS: More plant-available N and P from an active microbiome increases plant nutrient levels and grain fill.

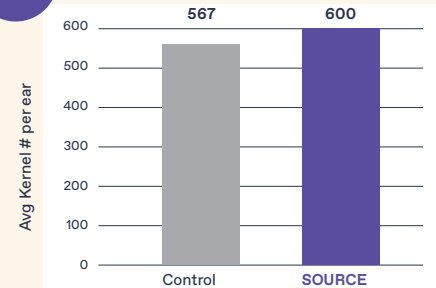
↑11%

Total R1 Plant N



↑6%

Kernel Count



WESTERN CORN BELT RESEARCH YIELD AND ROI

NE

+8.5
bu/ac
AVG YIELD

+6.8%
YIELD GAIN
PER ACRE

SOURCE vs Control @ Standard N Rate

SOURCE Corn was tested in Nebraska across 3 locations and yield uplift was compared to control

TAKEAWAYS: SOURCE improved yield across all three locations, with an average uplift of 8.5 bu/ac

THE MINER INSTITUTE SILAGE

NY

AVG YIELD LIFT
PER ACRE

+3.1
Tons/a

PERCENT YIELD GAIN
PER ACRE

+14.4%

ROI

\$169/a

*\$60/TON OF SILAGE & PER ACRE COST OF SOURCE

SOURCE Corn was tested on silage and replicated 8 times. SOURCE treated silage consistently out-yielded the non-treated

“At our location, your product out-yielded the control rows in all eight replications.”

- Trial Administrator

The Miner Institute does not endorse Products

For Customer Service contact 833-768-6320 or source@sound.ag

Sound