

2023 Data on Instinct NXTGEN[®] Nitrogen Stabilizer

Corn trials with Purdue University

From points of gathered data,

- CORN YIELD
- PLANT NITROGEN UPTAKE
- SOIL NITROGEN AVAILABILITY

preliminary results suggest 2 key trends.

1ST KEY TREND

Yield differentiation from split treatment

STABILIZED PLOT



289.5
BU./A

UNSTABILIZED PLOT



279.3
BU./A

2ND KEY TREND

Instinct NXTGEN[®] nitrogen stabilizer delays the conversion of ammonium to nitrate following a nitrogen fertilizer application.



WHY IS THIS IMPORTANT?

Delaying the conversion of ammonium to nitrate helps lead to higher corn yield potential.

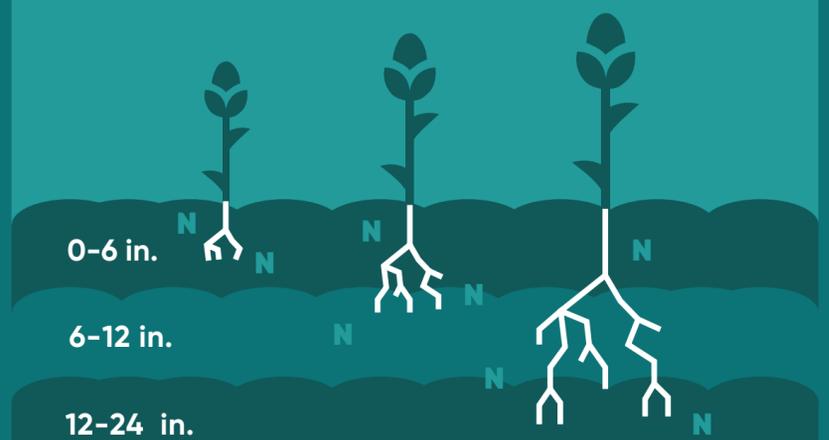
STABLE
 NH_4^+

UNSTABLE
 NO_3^-

SOIL NITROGEN TESTS

More nitrogen was found in the root zone in plots treated with Instinct NXTGEN[®] nitrogen stabilizer.

4 WEEKS 6 WEEKS 8 WEEKS



Nitrogen is a farmers' biggest investment in corn production, so we need to do everything we can to protect it.

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