



RESEARCH UPDATE: IDC

TRIAL DETAILS

LOCATION

Fargo, ND

CORN VARIETY

Asgrow 05X9

AVG. SEED RATE

210,000

COOPERATOR

NDSU

PLANT DATE

May 11, 2021

HARVEST DATE

September 23, 2021

TRIAL DESCRIPTION AND EXPERIMENTAL DESIGN

This field trial was replicated 8 times and arranged in a randomized complete block design. Average soil properties: pH: 7.72, OM: 4.86%, K: 384 ppm, P: 18.25 ppm, NO₃-N: 7.56 lb/A.

TREATMENTS

Treatment Name	Treatment	Rate	Application	Rows	Plot Size	Reps
HayNow	HayNow	1 gal/A	In-furrow	4	10ft x 12.5 ft	8
Midnight	Midnight	1 gal/A	In-furrow	4	10ft x 12.5 ft	8
Control	Control	--	--	4	10ft x 12.5 ft	8

TRIAL RESULTS SUMMARY

HayNow and Midnight increased yield compared to the control plots. HayNow in-furrow had the highest yield increase at 3 bu/A over the control and exhibited the best control for IDC. An average ROI of **\$12.90/A** was achieved with one in-furrow application of HayNow on soybean fields with IDC pressure.

