

2021 University Trial

NEBRASKA ON-FARM RESEARCH NETWORK

SOURCE DCD 25

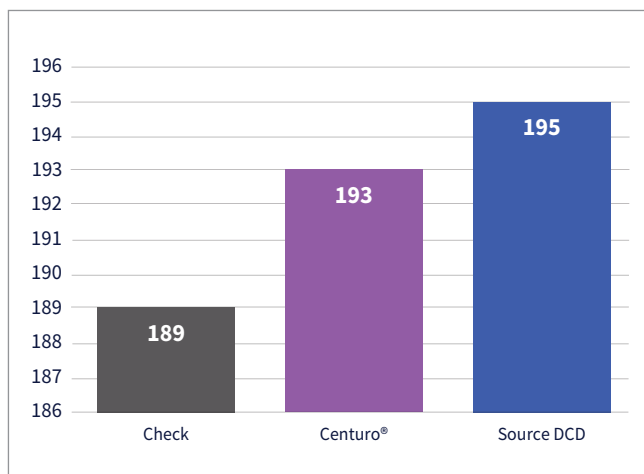
CONCENTRATED DCD SOLUTION

Crop	Corn
Variety	Stine® 9437-10
Plant Date	5/11/21
Soil Type	Alliance loam 1-3% slope; Alliance Rosebud loam 3-6% slopes
Plot Location	Box Butte County, Nebraska
Data	Pivot, Total: 11 - 12"

Fertilizer	
Type	32% UAN
Nitrogen Rate	160 lbs/acre
Applied	4/28/21
Application	Strip-till
Fertigated	40 lbs/acre on 8/6/21
Total N applied	200 lbs/acre

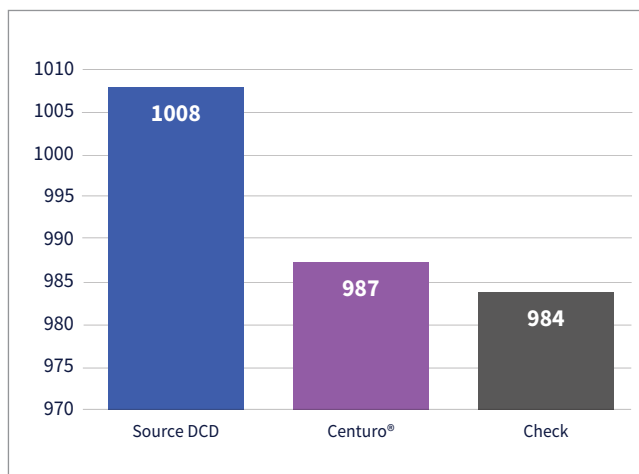
Nitrogen was applied as 32% UAN (160 lb N/ac) in a strip-till application, at an 8-10" depth on April 28. Centuro® was applied at a rate of 2.5 gal/ton of 32% UAN and MicroSource® DCD was applied at a rate of 2 qt/ton of 32% UAN. Corn was planted on May 11 directly on the strip-till, N band. Crop yield was measured by harvesting the center 8 rows of the 12-row plots. No statistically significant differences were observed between the inhibitors and the untreated check. Marginal net return based on \$5.20/bu corn; \$5.25/ac for Source DCD, and \$18.75/ac for CENTURO®. (Nebraska On-Farm Research Network, 2021)

YIELD (BU/AC)



Source DCD +6 bu / ac over check

MARGINAL NET RETURN (\$/AC)



Source DCD +\$24 / acre over check

*CENTURO® is a registered trademark of Koch Agronomic Services, LLC



References | Nebraska On-Farm Research Network. (2021). Study ID: 0015013202101. Impact of CENTURO™ and MicroSource® DCD Inhibitors with UAN Application. Institute of Agriculture and Natural Resources. University of Nebraska Lincoln.