

# VALIDATING PERFORMANCE

## 2024 CORN TRIAL

In 2024 near Buffalo Center, IA, we applied CystNema Plus, NutriRelease Plus, and 12% Humic Acid to eight rows of corn with pre-emergence chemicals. Compared to the control strip, these treated rows showed an impressive yield increase of **+16.37 bushels per acre**, translating to an **additional profit of +\$70.55 per acre**.

For full trial details, please refer to the table below:

Planted: 5/19/24   Harvested: 10/14/24   Location: Buffalo Center, Iowa					
APPLICATION	MOISTURE	FINAL YIELD	PRODUCT PRICE PER ACRE	DRYING COSTS PER ACRE <small>(Moisture % -15) x 0.03 x Yield</small>	NET RETURN <small>(Yield x \$4.50/bu - Cost of Product - Drying Cost - Seed Cost \$160/Bag)</small>
CYSTNEMA PLUS + NUTRIRELEASE PLUS + 12% HUMIC ACID	21.4%	222.19	\$15.00	\$42.33	\$887.96
CONTROL	21.35%	205.82	\$0.00	\$39.21	\$817.41

## PRIOR YEAR TRIALS

In side-by-side trials done on corn and soybean fields, we have seen increases in bushels per acre across the board.

CORN TRIALS		
APPLICATION	TRIAL 1 <small>(Tiptonka, Iowa)</small>	TRIAL 2 <small>(Bancroft, Iowa)</small>
PRE-APPLICATION OF CYSTNEMA PLUS + NUTRIRELEASE PLUS	214	230
CONTROL	198	217

SOYBEAN TRIALS		
APPLICATION	TRIAL 1 <small>(Tiptonka, Iowa)</small>	TRIAL 2 <small>(Bancroft, Iowa)</small>
PRE-APPLICATION OF CYSTNEMA PLUS + NUTRIRELEASE PLUS	72	78
CONTROL	54	72