



# RESEARCH UPDATE: **Corn Foliar**

## TRIAL DETAILS

### LOCATION

Sanborn, IA

### CORN VARIETY

W2506RIB

### AVG. SEED RATE

35,700 spacing: 2.25 in

### COOPERATOR

Alpha Ag

### PLANT DATE

May 3, 2021

### HARVEST DATE

October 09, 2021

## TRIAL DESCRIPTION AND EXPERIMENTAL DESIGN

This field trial was replicated 4 times and arranged in a randomized complete block design.

## TREATMENTS

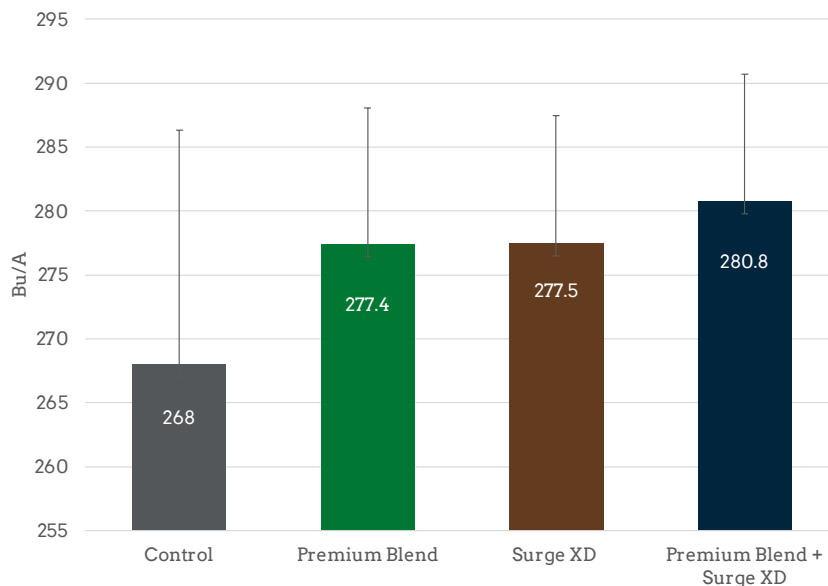
Treatment	Rate gal/A	Foliar Application	Row Spacing	Plot Size	Reps
Premium Blend	1.0	V5	30 in	10ft x 40 ft	4
Surge XD	0.5	V5	30 in	10ft x 40 ft	4
Premium Blend	1.0	V5	30 in	10ft x 40 ft	4
Surge XD	0.5	V5	30 in	10ft x 40 ft	4
Control	--	--	30 in	10ft x 40 ft	4

## MAINTENANCE

All plots received 32% UAN on May 21. Postemergence application herbicide of Acuron and ammonium sulfate was applied.

## TRIAL RESULTS SUMMARY

*All Monty's foliar products increased yield and ROI compared to the control plots.* An additive effect in terms of yield was measured when Surge XD was added to Premium Blend (PB) at V5, with a yield increase of 3.4 bu/A compared to PB alone. Premium Blend + Surge XD had the highest impact on yield and ROI, increasing yield by 12.8 Bu/A compared to the control and having an ROI of \$57.67.



Treatment	ROI/Control per Acre
Premium Blend +Surge XD	\$57.67
Surge XD	\$48.19
Premium Blend	\$42.73
Control	--

\*Calculated at \$5.45 Bu/A