



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

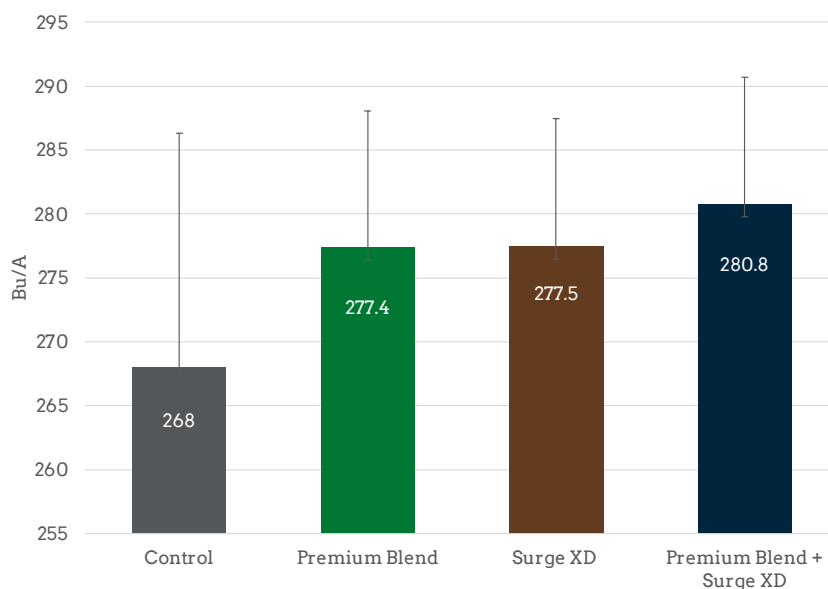
Treatment	Rate gal/A	Foliar Application	Row Spacing	Plot Size	Reps
Premium Blend	1.0	V5	30 in	10ft x 40 ft	4
Surge XD	0.5	V5	30 in	10ft x 40 ft	4
Premium Blend	1.0	V5	30 in	10ft x 40 ft	4
Surge XD	0.5	V5	30 in	10ft x 40 ft	4
Control	--	--	30 in	10ft x 40 ft	4

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