Nebraska On-Farm Research Network

Years:	2013
Title:	Foliar Feed on Corn
Crop:	Corn
County:	Platte
Study ID:	085141201301
Objective:	To determine & document the effect of foliar feed on the profitability of corn production.
Treatments:	Check Kugler S1515

Information: 2013 Foliar Feed on Corn

Kugler KS 1515:
15-15-2 (40% slow release nitrogen)
Kugler KS 1515 is a source of phosphate and potassium. Kugler KS 1515 is perfect for foliar application later in the season—allowing you to provide N,P and K at optimum stages of development.

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Results: 2013 Foliar Feed on Corn

	6 Pairs Excluded			Includes all Pairs	
	Yield	Moisture	Cost/A	Yield	Moisture
Check	248.8 A	17.1 B	--	235.5 A	17.0 B
K1515	247.8 A	17.3 A	$5.90	242.1 A	17.3 A
Prob>/T/	ns(0.6075)	0.0256**		ns(0.1405)	0.0025***

Dekalb 6297 Double Pro Xcelleron 34000 Planting date - 5/11/2013. Harvest date - 10/26/13. 10" Flood Irrigation Kugler KS 1515 1 gal 6/24/2013 Foliar $5.90/ A Micro Max sprayed foliar 6/24/2013 Foliar $2.81 /A Crop Stage V7-V 8 Sprayed Roundup mixed with Kuglar 1515 + MicroMax 24 rows every other 24 rows across field Check had Roundup mixed with an AMS product and MicroMax. Soil Test Fall 2012 :OM 1.7%, P-11, P+46, K343, Mg181, Calcium 1893, Na 50, pH 7.1, CEC 12.1, N 58 0-8", Sulfur 27, Zn 1.6, Mn 5, Fe 23, Cu 1.3, Boron 0.3

SUMMARY: There was no statistical yield difference as a result of the foliar application of KS 1515 at V7-V8 when all paired comparisons are analyzed. However, There was a large amount of variability in 6 strips that contained low spots with some dryland. When these 6 low strips are excluded from the data, there was no statistical yield difference as a result of the application of KS 1515, but the yield trend did change. With both analyses, there was a statistical moisture difference, with KS 1515 having slightly higher grain moisture at harvest.

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