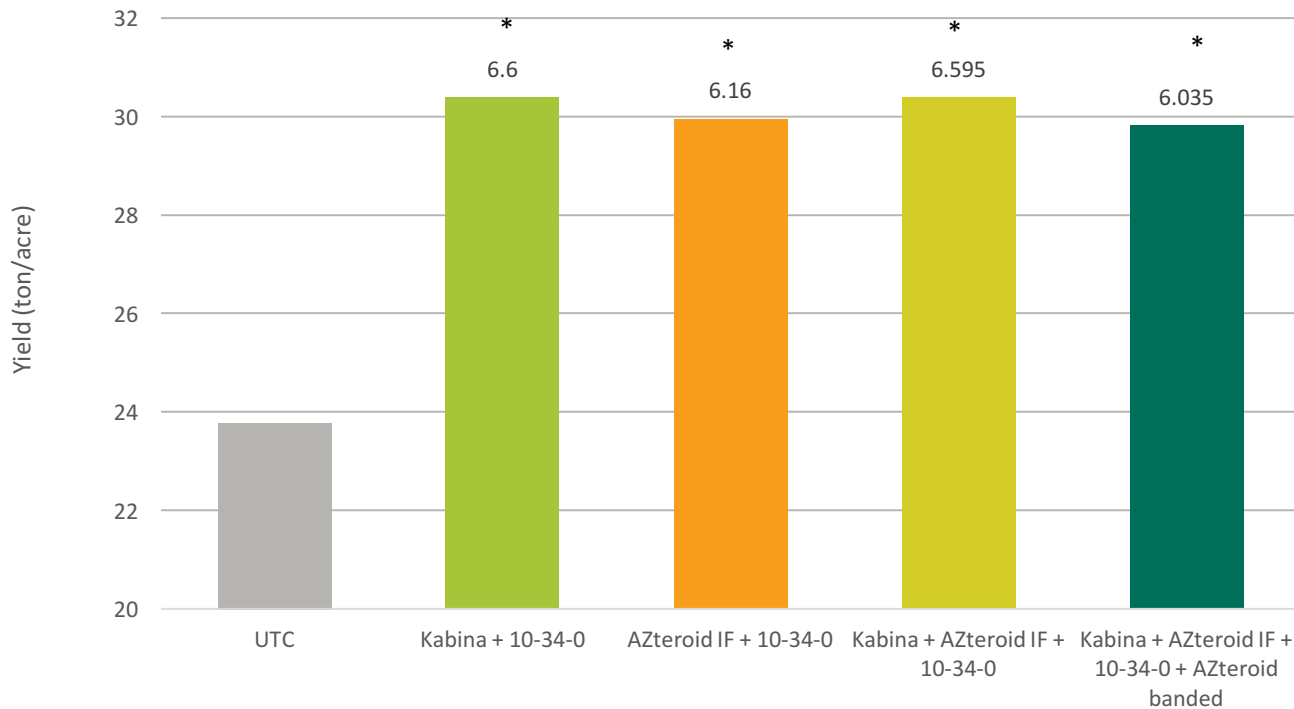




2016 - Sugarbeet yield response to AZteroid



Location: NDSU, Kragnes, MN

Comments: Asterisks denote statistically significant differences (planned contrasts, $p < 0.05$) between the untreated check (UTC) and fungicide treatments. A diamond denotes statistically significant differences (planned contrasts, $p < 0.05$) between Kabina and AZteroid treatments. Numbers above bars indicate the difference in yield between the fungicide treatment and the UTC. Due to low precipitation in the spring, *Rhizoctonia* disease pressure was low at this site. AZteroid in-furrow rates were 0.5 and 1.0 fl. oz. / 1000 row ft. Performance was similar at both rates. Banded rate was 1.0 fl. oz. / 1000 row ft.



VIVE HARVEST REPORT

LOCATION: NDSU, Kragnes, MN	DATE: 11/7/2016
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CROP: Sugarbeet		
VIVE PRODUCT USED: AZteroid	PLANT DATE: 5/2/2016	HARVEST DATE: 9/27/2016
TILLAGE TYPE: <input type="checkbox"/> MIN <input type="checkbox"/> STRIP <input checked="" type="checkbox"/> CONV	PREVIOUS CROP: Sugarbeet	

FERTILITY PROGRAM (amount of fertility, type / analysis, application type and timing):
 10-34-0 was applied in-furrow at a rate of 3 gal/A with a spray volume of 6 gal/A.

SOIL TYPE:	SOIL PH:	SOIL OM:
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TRIAL HYBRID(S): Crystal 101RR	IRRIGATED : <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	SEEDING POPULATION:
APPLICATION EQUIPMENT: 18 PSI, #29 orifa nozzle	AGITATION IN TANK: <input type="checkbox"/> YES <input type="checkbox"/> NO	

CARRIER FOR VIVE PRODUCT: 10-34-0 (3 gal/A) + water (3 gal/A)

TREATMENT	YIELD (ton/acre)	Stand Count (38 DAA)	Stand Count (at harvest)
UTC (untreated check)	23.78	177.5	130
Kabina + 10-34-0	30.38	205	163.5
AZteroid + 10-34-0	29.94	188.5	151
Kabina + AZteroid in-furrow+ 10-34-0	30.375	197.5	148
Kabina + AZteroid in-furrow + 10-34-0 + AZteroid banded foliar	29.815	196	152

YIELD CORRECTED TO STANDARD MOISTURE <input type="checkbox"/> YES <input type="checkbox"/> NO	OBSERVATIONS FROM MIXING: <input checked="" type="checkbox"/> NO ISSUES SEEN <input type="checkbox"/> POTENTIAL PROBLEM OBSERVED
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DESCRIBE ANY PROBLEMS:

IN-SEASON OBSERVATIONS: Trial was inoculated with *Rhizoctonia solani* pre-plant. Dry spring lead to slow disease progression and slow crop emergence. Trial also included 2X label rate to test for crop safety – no phytotoxicity was observed.