

Sep-22-15 (CC Nachurs Foliar 15) ARM 2014.7 AOV Means Table Page 1 of 1										
Wheat Tech, Inc.										
2015 Christian County Nachurs Foliar Application Corn Trial										
Trial ID:	CC Nachurs Foliar 15	Location:	Gracey, KY	Trial Year:	2015					
Protocol ID:	CC Nachurs Foliar 15	Investigator:	Brad Wilks							
Project ID:		Study Director:	Brad Wilks							
		Sponsor Contact:	Keith Flaniken/Nachurs							
Crop Code						ZEAMX	ZEAMX	ZEAMX	ZEAMX	
BBCH Scale						BCOR	BCOR	BCOR	BCOR	
Crop Scientific Name						Zea mays	Zea mays	Zea mays	Zea mays	
Crop Name						Corn	Corn	Corn	Corn	
Crop Variety						NK N70J-3011A	NK N70J-3011A	NK N70J-3011A	NK N70J-3011A	
Description						Yield	Test Weight	Moisture	Stalk Diameter	
Part Rated						PLOT C	PLOT C	PLOT C	PLAMAT C	
Rating Date						9/10/2015	9/10/2015	9/10/2015	7/10/2015	
Rating Type						YIELD	WEITES	MOICON	DIAMET	
Rating Unit						bu/ac	lb/bu	percent	mm	
Number of Subsamples						1	1	1	5	
Days After First/Last Applic.						105 105	105 105	105 105	43 43	
Trt-Eval Interval						105 DA-A	105 DA-A	105 DA-A	43 DA-A	
Plant-Eval Interval						129 DP-1	129 DP-1	129 DP-1	67 DP-1	
Days After Emergence						122 DE-1	122 DE-1	122 DE-1	60 DE-1	
ARM Action Codes						T1				
Trt No.	Treatment Name	Form Type	Rate	Unit	Growth Stage	Appl Code				
2	Nachurs SRN (28-0-0)	L	1.5	gal/a	V5	A	225.7377092	54.165	19.235	24.06
3	Nachurs Finish Line (8-4-6)	L	1	qt/a	V5	A	221.9714629	54.538	19.258	25.05
1	Untreated Check						221.1341011	54.39	18.925	24.61
5	Nachurs SRN (28-0-0)	L	1.5	gal/a	V5	A	220.3184193	54.135	19.29	23.92
	Nachurs Finish Line (8-4-6)	L	1	qt/a	V5	A				
4	Nachurs Finish Line (8-4-6)	L	2	qt/a	V5	A	211.4269525	54.318	19.128	24.11
LSD P=.05							17.04702696	0.5419	0.4258	1.238
CV							5.03	0.65	1.44	3.3
Grand Mean							220.117729	54.309	19.167	24.346
Replicate F							2.138	0.889	9.975	4.051
Replicate Prob(F)							0.1486	0.4746	0.0014	0.0334
Treatment F							0.912	0.888	1.153	1.365
Treatment Prob(F)							0.4879	0.5001	0.3788	0.3031
Means followed by same letter do not significantly differ (P=.05, LSD)										
Crop Code	ZEAMX, BCOR, Zea mays, = US									

Oct-31-15 (CC Nachurs Foliar 15) ARM 2014.7 Site Description Page 1 of 1													
Wheat Tech, Inc.													
2015 Christian County Nachurs Foliar Application Corn Trial													
Trial ID:	CC Nachurs Foliar 15	Location:	Gracey, KY	Trial Year:	2015								
Protocol ID:	CC Nachurs Foliar 15	Investigator:	Brad Wilks										
Project ID:		Study Director:	Brad Wilks										
		Sponsor Contact:	Keith Flaniken/Nachurs										
General Trial Information													
Study Director:	Brad Wilks	Title:	Research Director										
Investigator:	Brad Wilks												
Initiation Date:	4/2/2015												
Trial Location													
City:	Gracey	Country:	USA	United States									
State/Prov.:	Kentucky												
Postal Code:	42232												
Latitude of LL Corner °:	36.808713		N										
Longitude of LL Corner °:	87.674706		W										
Conducted Under GLP:	No												
Conducted Under GEP:	No												
Contacts													
Study Director:	Brad Wilks	Title:	Research Director										
Organization:	Wheat Tech Agronomy												
Address:	P.O. Box 1246				Phone No.:	270-586-1776							
City+State/Prov:	Russellville, KY												
Postal Code:	42276	E-mail:	bradwilks@wheattech.com										
Country:	USA	United States											
Investigator:	Brad Wilks												
Crop Description													
Crop 1:	ZEAMX		Zea mays							Corn			
Variety:	NK N70J-3011A					BBCH Scale:	BCOR						
Description:	Foliar Trial												
Planting Rate, Unit:			30000 S/A					Planting Date:	5/4/2015				
Depth, Unit:			1.75		IN			Planting Method:	PLANTD	planted			
Row Spacing, Unit:			30		IN			Planting Equipment:	PP	Plot Planter			
								Emergence Date:	5/11/2015				
								Harvest Date:	9/10/2015				
								Harvested Width, Unit:	5 FT				
Soil Moisture:			NORMAL			normal, adequate			Harvest Equipment:	Kincaid 8-XP			
Seed Bed:			MEDTRA			medium/trashy			% Standard Moisture:	15.5			
								Weighing Equipment:	Classic GrainGage				
Site and Design													
Treated Plot Width:	5		FT			Site Type:	FIELD		field				
Treated Plot Length:	40		FT										

Treated Plot Area:	200	FT2	Treatments:	5	Tillage Type:	NOTILL	no-till
Replications:	4		Study Design:	RACOB	Randomized Complete Block		
Untreated Arrangement:	INCLUDED single control randomized in each block						
Maintenance		Maintenance	Rate				
No.	Date	Product Name	Rate	Unit			
1	4/24/2015	Gramoxone SL 2.0	40	FL OZ/A			
2		Warrior II	1.5	FL OZ/A			
3		NIS	0.25	% V/V			
4	5/5/2015	32-0-0	40	GAL/A			
5		Agrotain Ultra	26.5	FL OZ/100 GAL			
6	5/28/2015	Halex GT	3.6	PT/A			
7		AAtrex	1	QT/A			
8		NIS	0.25	% V/V			
9		AMS	8.5	LB/100 GAL			
Soil Description		% OM:	2.8				
		pH:	6.7				
		CEC:	8.4				
Analyzed By:	A&L Analytical Laboratories, Inc.						
ENR 100							
Additional Measured Elements							
Date	Element	Quantity	Unit				
5/15/2015	P	46	ppm				
	K	135	ppm				
	Ca	1397	ppm				
	Mg	78	ppm				
	S	6	ppm				
	Zn	2.3	ppm				
	Calculated Cation Saturation						
	%K	4.1	%				
	%Ca	83.2	%				
	%Mg	7.7	%				
	%H	4.5	%				
	H meq	0.4	.				
	K meq	0.3	.				
	Ca meq	7	.				
	Mg meq	0.7	.				
	K/Mg Ratio	0.43	.				
	Ca/Mg Ratio	10.81	.				
Application Description	A						
Application Date:	5/28/2015						
Appl. Start Time:	2:30 PM						
Appl. Stop Time:	2:39 PM						
Application Method:	SPRAY						
Application Timing:	V4						
Application Placement:	BROFOL						
Applied By:	BW						

