



Nebraska Grain Sorghum Producers Association

Affiliate of National Grain Sorghum Producers Association
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2016 SORGHUM FIELD DAYS

DEMONSTRATION PLOT RESULTS - Irrigated

(Located on the Tim Scheer Farm at St. Paul, NE)

Plot Coordinator: John Dvoracek, Farwell, NE

Irrigated Sorghum – Fertilizer Comparison Trial

Planting Date:	May 21, 2016	Fertilization:	150 & 200 lbs N, 30.6 lbs P,
Population:	87,000		9.5 lbs S, and .2 lbs Zn – Split Application
Tillage:	No-Till	Herbicide:	Bicep II MAG – 2.1 Qt.
Row Width:	36		
Previous Crop:	Soybeans		
Harvest Date:	October 19, 2016		
Rainfall:	(3.1 to 10.1.16) - 22.65*		

Variety	Weight	Moisture	Length	Rows	Test Wt.	Yield 14% Moisture	Rank
150 lbs. N:							
Sorghum Partners 73B12 II	3680	14.4	1200	6	60.1	131.9	18
Sorghum Partners 73B12 I	3600	14.7	1200	6	60.0	128.6	21
Sorghum Partners 73B12	3788	14.1	1200	6	61.0	136.3	16
Sorghum Partners 68M57	3950	13.1	1200	6	61.6	143.7	13
Sorghum Partners NK5418	4312	13.2	1200	6	60.6	156.7	5
Sorghum Partners KS585	4362	12.9	1200	6	62.4	159.1	2
Sorghum Partners 15415	4360	13.4	1200	6	60.0	158.1	3
Sorghum Partners 16115	3460	14.0	1200	6	63.0	124.6	22
Sorghum Partners 15615	4194	14.2	1200	6	63.5	150.7	12
Pioneer 84Y40	4190	13.5	1200	6	63.5	151.8	10
DeKalb 37-07	4170	13.6	1200	6	63.0	150.9	11
200 lbs. N:							
DeKalb 37-07	3940	13.8	1200	6	63.2	142.2	14
Pioneer 84Y40	4344	13.8	1200	6	62.8	156.8	4
Sorghum Partners 15615	4242	14.0	1200	6	64.2	152.8	8
Sorghum Partners 16115	3640	14.0	1200	6	60.5	131.1	20
Sorghum Partners 15415	4208	13.0	1200	6	62.5	153.3	7
Sorghum Partners KS585	4430	12.9	1200	6	61.7	161.6	1
Sorghum Partners NK5418	4244	12.5	1200	6	62.5	155.5	6
Sorghum Partners 68M57	4200	13.4	1200	6	62.8	152.3	9
Sorghum Partners 73B12	3682	14.7	1200	6	62.6	131.5	19
Sorghum Partners 73B12 I	3802	15.2	1200	6	63.2	135.0	17
Sorghum Partners 73B12 II	3912	15.2	1200	6	62.0	138.9	15

*Nebraska Rainfall Assessment and Information Network – www.nerain.dnr.ne.gov/nerain/