



## 2016 IRRIGATED GRAIN SORGHUM TRIALS

**GRAHAM ELECTRIC PLANTING DATE: 6/1/2016**

<b>FIELD:</b>	A - NE 1/4	<b>HARVEST DATE:</b> 10/03/2016
<b>VARIETY:</b>	DKS 28 - 05	
<b>POPULATION:</b>	140K	
<b>AVERAGE TEST WEIGHT:</b>	59.7	<b>APPLICATION DATE</b>
<b>2x2 STARTER FERTILIZER:</b>	(Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 12.5 gal./ac.	6/1/2016
<b><u>THROUGH REINKE SPRINKLER:</u></b>	28-0-0-5 @ 5 gal./ac.	6/30/2016
	28-0-0-5 @ 10 gal./ac.	7/5/2016
	QUILT XCEL @ 10.5 oz./ac.	7/21/2016
	28-0-0-5 @ 6 gal./ac.	7/22/2016
<b>APPLIED WATER:</b>	7.7 inches	
<b><u>RAINFALL:</u></b>	9.24 inches	(June - 4.2 inches, July - 3.22 inches, August - 1.38 inches)
<b>GROUND SPRAY APPLICATIONS:</b>	ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal.	5/23/2016
	DEGREE XTRA @ 2.9 qt. / ac. + ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal.	6/5/2016

<b>PLANTING PROTOCOL</b>	<b>MOISTURE</b>	<b>AVERAGE BUSHELS PER ACRE</b>
<b><u>AZO mixed w/TALC 5# - 20#</u></b> applied to seed	14.6	<b>176.7</b>
<b><u>MICRO TALC</u></b> applied to seed	14.2	<b>172.4</b>
<b><u>MICRO SURGE DRY</u></b> applied to seed	13.8	<b>170.2</b>
<b><u>MICRO SURGE LIQUID</u></b> applied to seed	13.8	<b>171.7</b>
<b><u>PLAIN TALC</u></b> applied to seed	13.9	<b>167.0</b>
<b>CONTROL</b>	13.9	<b>163.5</b>

*Weather, daytime temperatures and other factors affect data results, as in any year.  
The Irrigation Research Foundation strives to record and control these factors where possible.  
Not all of these factors are measurable or recognized.*

*For weather information please go to [www.coagmet.com](http://www.coagmet.com), monthly summaries, select the month, year and the Yuma station.*