

## 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>IN-FURROW FERTILIZER</b>	PRO-GERMINATOR 9 - 24 - 3 @ 4 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

PLANTING PROTOCOL	MOISTURE	AVERAGE BUSHEL PER ACRE	WITH PH 7.8 +	
			MOISTURE	AVERAGE BUSHEL PER ACRE
<b><u>AGTIVATE @ 12.8 oz./ac.</u></b> MIXED with WATER applied IN-FURROW @ 4 gal./ac.	20.0	<b>125.1</b>	17.1	<b>88.4</b>
<b><u>AGTIVATE @ 12.8 oz./ac.</u></b> MIXED with STANDARD IRF FERTILIZER applied IN-FURROW @ 3 gal./ac.	16.2	<b>130.7</b>	15.7	<b>94.4</b>
STANDARD IRF IN-FURROW	17.5	<b>119.3</b>	16.3	<b>87.3</b>
WATER applied IN-FURROW @ 4 gal./ac.	15.9	<b>93.6</b>	15.0	<b>77.5</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.*