

## 2016 DRY LAND GRAIN SORGHUM TRIALS

**FIELD:** Dry Land North **GRAHAM ELECTRIC PLANTING DATE:** 5/31/2016  
**VARIETY:** DKS 28 - 05 **HARVEST DATE:** 9/26/2016  
**POPULATION:** 90K

### APPLICATION DATE

**DMI STRIP-TILL:** (Analysis) 16.4 - 8.2 - 1.3 - 4.7 s  
 applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10" 3/16/2016

**2x2 STARTER FERTILIZER:** (Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 12.5 gal./ac. 5/31/2016

**RAINFALL:** 9.24 inches (June - 4.2 inches, July - 3.22 inches, August - 1.38 inches)

**GROUND SPRAY APPLICATIONS:** 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

HUSKIE @ 15 oz. / ac. + AATREX 4L @ 1 pt. / ac. + AMS @ 1 qt. / 100 gal.  
 + NIS @ 1 qt. / 100 gal. 7/7/2016

PLANTING PROTOCOL		NORTH BLOCK			SOUTH BLOCK			OVERALL AVERAGE
		MOISTURE	AVERAGE BUSHELS PER ACRE	AVERAGE	MOISTURE	AVERAGE BUSHELS PER ACRE	AVERAGE	
<a href="#">APSA 80 @ 15 oz./ac.</a> APPLIED 5/30/2016	REP # 1	16.3	<b>76.1</b>	<b>78.5</b>	14.8	<b>94.9</b>	<b>95.3</b>	<b>86.9</b>
	REP # 2	17.6	<b>81.0</b>		16.8	<b>95.6</b>		
<a href="#">APSA 80 @ 30 oz./ac.</a> APPLIED 5/30/2016	REP # 1	16.9	<b>76.9</b>	<b>76.7</b>	16.3	<b>76.7</b>	<b>92.1</b>	<b>84.4</b>
	REP # 2	17.2	<b>76.5</b>		17.8	<b>107.6</b>		
<b>CONTROL</b>	REP # 1	15.7	<b>78.5</b>	<b>75.3</b>	15.5	<b>85.1</b>	<b>82.8</b>	<b>79.0</b>
	REP # 2	15.7	<b>72.0</b>		16.6	<b>80.5</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.*