

**2016 IRRIGATED SUGAR BEET TRIALS**

**FIELD:** C - NE 1/4 GRAHAM ELECTRIC PLANTING DATE: 4/21/2016  
**POPULATION:** 49K **HARVEST DATE: 11/13/2016**  
**VARIETY:** 9173RR

	<b>APPLICATION DATE</b>
<b>SOIL DETOXIFIER:</b> <u>OVERHAUL @ 32 oz./ac.</u>	3/22/2016
<b>DMI STRIP-TILL:</b> (Analysis) 16.4 - 8.2 - 1.3 - 4.7 s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10"	3/15/2016
<b>2x2 STARTER FERTILIZER:</b> (Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 12.5 gal./ac.	4/21/2016
<b>THROUGH REINKE SPRINKLER:</b> 28 - 0 - 0 - 5 @ 5 gal./ac.	6/11/2016
28 - 0 - 0 - 5 @ 10 gal./ac.	7/8/2016
BLACK LABEL @ 1 gal./ac.	7/14/2016
28 - 0 - 0 - 5 @ 5 gal./ac.	7/20/2016
28 - 0 - 0 - 5 @ 5 gal./ac.	7/25/2016

**APPLIED WATER:** 13.75 inches

**RAINFALL:** 11.95 inches

**GROUND SPRAY APPLICATIONS:** ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. 5/23/2016  
 + NIS @ 1 qt. / 100 gal.  
 QUADRIS @ 15.5 oz./ac. 6/6/2016  
 FUSILADE @ 6 oz./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. 6/10/2016  
 + 10-34-0 @ 1 qt./ac. + NIS @ 1 qt./100 gal.  
 FUSILADE @ 6 oz./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. 7/8/2016  
 + SEQUENCE @ 2.5 pt./ac. + 10-34-0 @ 1 qt./ac. + NIS @ 1 qt./100 gal.

<b>PLANTING</b>	<b>STAND COUNTS</b>						<b>HARVEST RESULTS</b>			
	<b>AVERAGE POPULATION</b>			<b>PERCENTAGE OF EMERGENCE</b>			<b>TONS per ACRE</b>	<b>SUGAR %</b>	<b>POUNDS of SUGAR per ACRE</b>	<b>SLM</b>
	5/7/2016	5/12/2016	5/19/2016	5/7/2016	5/12/2016	5/19/2016				
<b><u>NUTRIPLANT SL</u></b> @ 8 fl. oz./ac. applied IN-FURROW @ 4 gal./ac.  <b><u>NUTRIPLANT AG</u></b> @ 16 fl. oz./ac. applied 5/30/2016	26,572	36,155	37,897	54%	74%	77%	33.68	18.32%	12,149	1.55%
<b>CONTROL</b>	32,670	41,818	44,431	67%	85%	91%	33.42	18.01%	11,833	1.69%

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.