

## 2016 DEFICIT IRRIGATED CORN CHEM TRIALS

**FIELD:** Lateral North **GRAHAM ELECTRIC PLANTING DATE: 5/5/2016**  
**POPULATION:** 34K **HARVEST DATE: 10/03/2016**  
**VARIETY:** Go3A50-5122

	APPLICATION DATE
<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"	3/16/2016
<b>2x2 STARTER FERTILIZER:</b> (Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 18 gal./ac.	5/5/2016
<b>THROUGH REINKE SPRINKLER:</b> 28 - 0 - 0 - 5 @ 10 gal./ac.	6/23/2016
28 - 0 - 0 - 5 @ 10 gal./ac.	7/8/2016
28 - 0 - 0 - 5 @ 10 gal./ac.	7/13/2016
28 - 0 - 0 - 5 @ 6 gal./ac.	7/16/2016
28 - 0 - 0 - 5 @ 6 gal./ac.	7/21/2016
<b>APPLIED WATER:</b> 8.5 inches	
<b>RAINFALL:</b> 11.12 inches	(May - 1.88 inches, June - 4.2 inches, July - 3.22 inches, August - 1.38 inches)

PRE - EMERGENT		POST - EMERGENT		PRE & POST EMERGENT	
<u>VERDICT @ 10 fl. oz./ac. +</u> <u>ATRAZINE @ 0.75 lb. ai.</u> APPLIED 5/10/2016		<b>*CONTROL</b>  <u>ARMEZON PRO @ 20 fl. oz./ac. +</u> <u>ATRAZINE @ 0.5 lb. ai. +</u> <u>ROUNDUP POWERMAX</u> <u>@ 32 oz./ac. +</u> <u>COC @ 1 % v/v +</u> <u>AMS @ 8.5 lbs./100 gal.</u> APPLIED 6/7/2016		<u>VERDICT @ 10 fl. oz./ac. +</u> <u>ATRAZINE @ 0.75 lb. ai.</u> APPLIED 5/10/2016  <u>ARMEZON PRO @ 18 fl. oz./ac. +</u> <u>ATRAZINE @ 0.5 lb. ai. +</u> <u>ROUNDUP POWERMAX</u> <u>@ 32 oz./ac. +</u> <u>COC @ 1 % v/v +</u> <u>AMS @ 8.5 lbs./100 gal.</u> APPLIED 6/7/2016	
MOISTURE	AVERAGE BUSHELS PER ACRE	MOISTURE	AVERAGE BUSHELS PER ACRE	MOISTURE	AVERAGE BUSHELS PER ACRE
12.4	<b>112.1</b>	12.0	<b>*113.5</b>	12.6	<b>147.2</b>
		12.4	<b>133.2</b>		

### IRF SPECIAL DISCLOSURE:

Due to what we believe to be a lightning strike on the Lateral early in the season, causing a reboot and reset of the system to factory settings, the amount of actual applied water was much less than the programmed applied water, resulting in a 'less than satisfactory' yield.

The applied water on this results page is the actual applied water to this project.

*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, monthly summaries, select the month, year and the Yuma station.](http://www.coagmet.com)