

2016 IRRIGATED CORN TRIALS

FIELD: B - NW 1/4 **GRAHAM ELECTRIC PLANTING DATE:** 5/10/2016
POPULATION: 34K **HARVEST DATE:** 10/16/2016
VARIETY: Go3A50-5122 **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" 3/17/2016
2x2 STARTER FERTILIZER: (Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 18 gal./ac. 10/16/2016
THROUGH REINKE SPRINKLER: 28 - 0 - 0 - 5 @ 4 gal./ac. 5/10/2016
 28 - 0 - 0 - 5 @ 4 gal./ac. 6/21/2016
 28 - 0 - 0 - 5 @ 4 gal./ac. 7/7/2016
 28 - 0 - 0 - 5 @ 4 gal./ac. 7/11/2016
 28 - 0 - 0 - 5 @ 4 gal./ac. 7/13/2016
 28 - 0 - 0 - 5 @ 6 gal./ac. 7/18/2016
 28 - 0 - 0 - 5 @ 6 gal./ac. 7/22/2016
 28 - 0 - 0 - 5 @ 6 gal./ac. 7/26/2016
APPLIED WATER: 9.23 inches
RAINFALL: 10.78 inches
GROUND SPRAY APPLICATIONS: ACURON @ 2.5 qt. / ac.
 + ROUNDUP WEATHERMAX @ 32 oz. / ac.
 + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal. 5/12/2016

PROTOCOL	R E P #	MOISTURE	AVERAGE BUSHELS PER ACRE	R E P #	MOISTURE	AVERAGE BUSHELS PER ACRE	TREATMENT AVERAGES	
TTT @ 1 pt./ac. + WATER @ 3 gal./ac. applied IN-FURROW	1	13.5	233.9	4	13.4	235.2	12.7	220.4
	2	12.3	210.2	5	12.3	212.5		
	3	12.4	219.4	6	12.1	211.0		
MICROSURGE @ 1 pt./ac. + WATER @ 3 gal./ac. applied IN-FURROW	1	13.4	233.2	4	13.1	230.7	218.1	218.1
	2	12.4	211.8	5	12.3	213.5		
	3	12.3	217.8	6	11.9	201.4		
N+ LIQUID @ 1 pt./ac. + WATER @ 3 gal./ac. applied IN-FURROW	1	13.0	222.8	4	12.9	224.6	12.4	213.3
	2	12.1	210.6	5	12.1	203.4		
	3	12.6	217.0	6	11.9	201.6		

PROTOCOL	REP #	MOISTURE	AVERAGE BUSHELS PER ACRE	REP #	MOISTURE	AVERAGE BUSHELS PER ACRE	TREATMENT AVERAGES	
	<u>MICROSURGE DRY</u> seed treatment	1	12.3	217.8	4	12.6	224.2	12.3
	2	12.1	205.2	5	12.4	214.9		
	3	12.3	219.7	6	12.1	211.0		
<u>TTT</u> seed treatment	1	12.1	208.9	4	12.5	227.5	12.3	213.2
	2	12.1	215.4	5	12.4	197.7		
	3	12.5	222.0	6	12.1	207.6		
<u>MICROSURGE DRY + TALC</u> seed treatment	1	12.4	209.5	4	12.4	215.3	12.3	210.3
	2	12.1	214.7	5	12.3	194.8		
	3	12.8	230.5	6	12.1	197.2		
<u>MICROSURGE LIQUID</u> seed treatment	1	12.2	206.9	4	12.1	211.8	12.2	210.2
	2	12.2	216.0	5	12.1	199.7		
	3	12.8	222.0	6	12.0	205.0		
<u>N+ LIQUID</u> seed treatment	1	12.1	209.4	4	12.2	218.2	12.2	214.6
	2	12.1	213.4	5	12.0	212.3		
	3	12.5	227.5	6	12.1	206.9		
<u>N+ DRY</u> seed treatment	1	12.1	200.5	4	12.4	224.6	12.3	212.5
	2	12.3	219.2	5	12.2	203.3		
	3	12.6	222.7	6	12.0	204.5		
CONTROL STANDARD IRF 2 x 2	1	12.1	210.1	4	12.0	207.1	12.1	205.3
	2	12.3	215.7	5	11.9	196.3		
	3	11.9	200.5	6	12.0	202.4		

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.