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NACHURS

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2016 IRRIGATED CORN TRIALS

GRAHAM ELECTRIC PLANTING DATE: 4/22/2016

FIELD:	E	HARVEST DATE: 10/10/2016
POPULATION:	34K	
BULK VARIETY:	G03A50 - 5122	APPLICATION DATE
<u>DMI STRIP-TILL:</u>	(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 @ 18 gal./ac.	4/22/2016
<u>THROUGH REINKE SPRINKLER:</u>	28 - 0 - 0 - 5 @ 14 gal./ac.	6/12/2016
	28 - 0 - 0 - 5 @ 14 gal./ac.	6/30/2016
	28 - 0 - 0 - 5 @ 10 gal./ac.	7/8/2016
	28 - 0 - 0 - 5 @ 14 gal./ac.	7/21/2016
APPLIED WATER:	8 inches	
<u>RAINFALL:</u>	11.95 inches	
GROUND SPRAY APPLICATIONS:	ACURON @ 2.5 qt. / ac. + ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal.	4/24/2016
	STATUS @ 7 oz./ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal.	6/15/2016

PROTOCOL	MOISTURE	AVERAGE BUSHELS PER ACRE
<u>RHYZO-LINK 3-10-13</u> APPLIED IN-FURROW @ 3.5 gal./ac. WATER APPLIED 2x2 @ 18 gal./ac.	13.1	248.4
	12.8	220.9
	13.5	231.2
	<u>TRIAL AVERAGE</u>	
	13.1	233.5

PROTOCOL	MOISTURE	AVERAGE BUSHEL PER ACRE
<u>RHYZO-LINK 9-15-3</u> APPLIED IN-FURROW @ 5.0 gal./ac. WATER APPLIED 2x2 @ 18 gal./ac.	13.7	228.7
	12.8	226.6
	13.4	226.4
	<i>TRIAL AVERAGE</i>	
	13.3	227.2
<u>RHYZO-LINK 9-15-3</u> @ 4.5 gal./ac. <u>NACHURS K-FUEL</u> @ 0.5 gal./ac. APPLIED IN-FURROW @ 5 gal./ac. WATER APPLIED 2x2 @ 18 gal./ac.	13.6	240.1
	13.0	213.6
	13.4	222.8
	<i>TRIAL AVERAGE</i>	
	13.3	225.5
<u>NACHURS IMPULSE</u> @ 5.0 gal./ac. APPLIED IN-FURROW WATER APPLIED 2x2 @ 18 gal./ac.	13.1	220.5
	13.2	226.5
	12.7	219.9
	<i>TRIAL AVERAGE</i>	
	13.0	222.3

PROTOCOL	MOISTURE	AVERAGE BUSHEL PER ACRE
<u>NACHURS IMPULSE</u> @ 4.0 gal./ac. + <u>RHYZO-LINK 0-0-15-5s</u> @ 1 gal./ac. APPLIED IN-FURROW @ 5 gal./ac. WATER APPLIED 2x2 @ 18 gal./ac.	13.1	228.5
	13.3	234.9
	13.4	227.8
	TRIAL AVERAGE	
	13.3	230.4
<u>NACHURS IMPULSE</u> @ 3.0 gal./ac. + <u>RHYZO-LINK 3-10-13</u> @ 2 gal./ac. APPLIED IN-FURROW @ 5 gal./ac. WATER APPLIED 2x2 @ 18 gal./ac.	12.9	233.3
	13.4	230.6
	12.6	209.0
	TRIAL AVERAGE	
	13.0	224.3
<u>NACHURS IMPULSE</u> @ 5.0 gal./ac. APPLIED IN-FURROW WATER APPLIED 2x2 @ 18 gal./ac. <u>NACHURS FINISH LINE</u> @ 1 qt./ac. APPLIED 6/8/2016	13.2	235.9
	13.3	224.3
	12.8	214.0
	TRIAL AVERAGE	
	13.1	224.7

PROTOCOL	MOISTURE	AVERAGE BUSHELS PER ACRE
<u>NACHURS IMPULSE</u> @ 5.0 gal./ac. APPLIED IN-FURROW WATER APPLIED 2x2 @ 18 gal./ac. <u>NACHURS FINISH LINE</u> @ 1 qt./ac. + APPLIED 6/8/2016 <u>NACHURS FB21</u> @ 1 qt./ac. APPLIED 7/11/2016	13.2	226.3
	13.3	233.5
	12.9	214.8
	TRIAL AVERAGE	
	13.1	224.9
CONTROL STANDARD IRF 2X2	13.3	219.2
	12.8	211.8
	13.0	211.4
	TRIAL AVERAGE	
	13.0	214.1

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.