

NUTRIENT MANAGEMENT SPECIALISTS

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Irrigation
Research
Foundation
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2016 IRRIGATED CORN TRIALS

GRAHAM ELECTRIC PLANTING DATE: 4/27/2016

FIELD:	B - NE 1/4	HARVEST DATE: 10/17/2016
POPULATION:	34K	
VARIETY:	Go3A50-5122	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"	3/17/2016
2x2 STARTER FERTILIZER:	(Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 18 gal./ac.	4/27/2016
<u>THROUGH REINKE SPRINKLER:</u>	28 - 0 - 0 - 5 @ 4 gal./ac.	6/10/2016
	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.	7/13/2013
	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	
<u>RAINFALL:</u>	11.92 inches	
GROUND SPRAY APPLICATIONS:	ACURON @ 2.5 qt. / ac. + ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal.	5/4/2016

PLANTING PROTOCOL	FOLIAR PROTOCOL	MOISTURE	AVERAGE BUSHEL PER ACRE
<p><u>E-MAX</u> @ 12.8 oz./ac + <u>SWEETERN</u> @ 1 lb./ac. mixed with WATER @ 4 gal./ac. applied IN-FURROW</p>	<p><u>E-MAX</u> @ 12.8 oz./ac + <u>SWEETERN</u> @ 1 lb./ac. APPLIED 5/30/2016</p>	12.5	207.5

PLANTING PROTOCOL	FOLIAR PROTOCOL	MOISTURE	AVERAGE BUSHELS PER ACRE
<p><u>E-MAX</u> @ 12.8 oz./ac +</p> <p><u>COLD PRESSED CANE SUGAR</u> @ 1 lb./ac.</p> <p>mixed w/WATER @ 4 gal./ac. applied IN-FURROW</p>	<p><u>E-MAX</u> @ 12.8 oz./ac +</p> <p><u>COLD PRESSED CANE SUGAR</u> @ 1 lb./ac.</p> <p>APPLIED 5/30/2016</p>	12.6	216.5
<p><u>SABREX INNOCULANT</u> to seed +</p> <p><u>3 - 18 - 18</u> @ 5 gal./ac. +</p> <p><u>MMTS SUGAR</u> @ 1 lb./ac. +</p> <p><u>ZINC</u> @ 1 pt./ac.</p> <p><u>9 - 24 - 3</u> @ 4 gal./ac.</p> <p>applied IN-FURROW</p>	<p><u>3 - 18 - 18</u> @ 2 gal./ac. +</p> <p><u>0 - 0 - 24</u> @ 1 gal./ac. +</p> <p><u>MMTS SUGAR</u> @ 1 lb./ac. +</p> <p><u>ZINC</u> @ 1 pt./ac.</p> <p>APPLIED 5/30/2016</p>	12.6	211.6
<p><u>E-MAX</u> @ 12.8 oz./ac +</p> <p><u>24% HUMIC</u> @ 1 gal./ac.</p> <p>mixed w/WATER @ 4 gal./ac. applied IN-FURROW</p>	<p><u>E-MAX</u> @ 12.8 oz./ac +</p> <p><u>SWEETERN</u> @ 1 lb./ac.</p> <p>APPLIED 5/30/2016</p> <p><u>E-MAX</u> @ 12.8 oz./ac +</p> <p><u>SWEETERN</u> @ 1 lb./ac.</p> <p>APPLIED 7/11/2016</p>	12.7	220.7

PLANTING PROTOCOL	FOLIAR PROTOCOL	MOISTURE	AVERAGE BUSHELS PER ACRE
<p><u>E-MAX</u> @ 12.8 oz./ac + <u>24% HUMIC</u> @ 1 gal./ac. mixed w/WATER @ 4 gal./ac. applied IN-FURROW</p>	<p><u>SWEETERN</u> @ 1 lb./ac. + <u>MICRO PACK</u> @ 16 oz./ac. + <u>CHI FULVIC</u> @ .2 oz./ac. APPLIED 5/30/2016 <u>NITRO 32%</u> @ 1/2 gal./ac. + <u>CHI FULVIC</u> @ .2 oz./ac. APPLIED 7/11/2016</p>	13.0	220.4
<p><u>E-MAX</u> @ 12.8 oz./ac + <u>24% HUMIC</u> @ 1 gal./ac. mixed w/WATER @ 4 gal./ac. applied IN-FURROW</p>	<p><u>SWEETERN</u> @ 1 lb./ac. + <u>MICRO PACK</u> @ 16 oz./ac. + <u>BE FULVIC</u> @ .2 oz./ac. APPLIED 5/30/2016 <u>NITRO 32%</u> @ 1/2 gal./ac. + <u>BE FULVIC</u> @ .2 oz./ac. APPLIED 7/11/2016</p>	13.0	220.9
CONTROL		12.4	213.2

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.