

2016 IRRIGATED SUGAR BEET TRIALS

FIELD:	C - NE 1/4	GRAHAM ELECTRIC PLANTING DATE: <u>4/21/2016</u>
POPULATION:	49K	HARVEST DATE: 11/13/2016
VARIETY:	9173RR	APPLICATION DATE
SOIL DETOXIFIER:	<u>OVERHAUL @ 32 oz./ac.</u>	3/22/2016
DMI STRIP-TILL:	(Analysis) 16.4 - 8.2 - 1.3 - 4.7 s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10"	3/15/2016
2x2 STARTER FERTILIZER:	(Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 12.5 gal./ac.	4/21/2016
THROUGH REINKE SPRINKLER:	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. + NIS @ 1 qt. / 100 gal.	5/23/2016
	QUADRIS @ 15.5 oz./ac.	6/6/2016
	FUSILADE @ 6 oz./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. + 10-34-0 @ 1 qt./ac. + NIS @ 1 qt./100 gal.	6/10/2016
	FUSILADE @ 6 oz./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. + SEQUENCE @ 2.5 pt./ac. + 10-34-0 @ 1 qt./ac. + NIS @ 1 qt./100 gal.	7/8/2016

PROTOCOL	STAND COUNTS						HARVEST RESULTS			
	AVERAGE POPULATION			PERCENTAGE OF EMERGENCE			TONS per ACRE	SUGAR %	POUNDS of SUGAR per ACRE	SLM
	5/7/2016	5/12/2016	5/19/2016	5/7/2016	5/12/2016	5/19/2016				
<u>TALC with MICRONUTRIENT +</u> applied TO SEED	37,462	45,738	47,480	76%	93%	97%	31.49	18.88%	11,684	1.72%
<u>TALC with MICRONUTRIENT +</u> <u>MICROSURGE AZO DRY</u> <u>mixed with TALC</u> applied TO SEED	27,878	38,333	40,511	57%	78%	83%	31.84	18.48%	11,543	1.91%
<u>TALC with MICRONUTRIENT +</u> <u>MICROSURGE AZO LIQUID</u> applied TO SEED	32,670	40,511	42,689	67%	83%	87%	31.52	18.90%	11,714	1.70%
<u>TALC with MICRONUTRIENT +</u> <u>TTT</u> applied TO SEED	29,621	41,818	44,431	60%	85%	91%	30.51	19.35%	11,603	1.72%
CONTROL	39,640	47,045	48,787	81%	96%	100%	28.22	18.35%	10,160	1.89%

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.](#)