



SYNGENTA CROP PROTECTION, LLC

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2015 Sugar Beets - VARIETY TRIALS

Field: Circle A - NE 1/4
Population: 49K

Planting Date: 4/22/2015

Harvest date: 9/25/2015

Application Dates

Soil Detoxifier:	OVERHAUL @ 2 qts./ac.	3/23/2015
Strip-Till:	(Actual) 40 - 20 - 3 - 5.7 s applied at 10 gal./ac. @ 4' and 13 gal./ac. at 10"	3/26/2015
2x2 Starter Fertilizer:	(Actual) 10 - 34 - 0 @ 12.5 gal./ac.	4/22/2015
Through Sprinkler:	28-0-0-5 @ 8 gal./ac.	6/11/2015
	28-0-0-5 @ 8 gal./ac.	6/16/2015
	28-0-0-5 @ 5 gal./ac.	7/5/2015
	28-0-0-5 @ 5 gal./ac.	8/4/2015
	28-0-0-5 @ 4 gal./ac.	8/12/2015
Applied Water:	9.15 inches	
Rainfall:	15.37 inches	
Treatment Standards:	SEQUENCE @ 2.5 pt./ac. + TOUCHDOWN TOTAL @ 32 oz./ac. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.	6/4/2015
	QUADRIS @ 15.5 oz./ac.	6/9/2015
	FUSILADE DX @ 6 oz./ac. + TOUCHDOWN TOTAL @ 32 oz./ac. + 10-34-0 @ 2 pt./ac. + NIS @ 1 qt./100 gal.	6/24/2015
	FUSILADE DX @ 6 oz./ac. + 10-34-0 @ 2 pt./ac.	7/16/2015
	INSPIRE @ 7 oz./ac.	7/30/2015

PROTOCOLS & APPLICATIONS	STAND COUNTS						HARVEST RESULTS			
	Average Population			Percentage of Emergence			Tons / Acre	Sugar %	Pounds of Sugar/Acre	SLM
	5/4/2015	5/11/2015	5/18/2015	5/4/2015	5/11/2015	5/18/2015				
NT9442RR	26136	30492	37462	53%	62%	76%	27.05	15.21%	8072	1.89%
NT9443RR	26136	26136	43560	53%	53%	89%	23.39	15.80%	7254	1.87%
9173RR	42689	41818	45302	87%	85%	92%	28.72	14.78%	8324	1.95%
9321RR	41818	46174	44431	85%	94%	91%	32.01	14.99%	9412	1.92%
Beta 60R27	40075	39204	40075	82%	80%	82%	26.96	15.88%	8392	1.98%
Beta 62R8N	47916	50530	45302	98%	103%	92%	29.74	15.38%	8989	1.73%

Plants subjected to heavy rainfall and near freezing temperatures in the early months after emergence, and hail late in the season.

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.