

Centennial Ag - Sugar Beets 2014

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Irrigation Research Foundation -- Yuma, CO

Circle C - South West Quarter

Variety: 9173

Population: 47K

Soil Detoxifier: Reclaim @ 32 oz./ac.

Strip-Till: (Analysis) 23-0-3-5.7s 10 gal. @ 4" & 13 gal. @ 10" (Actual) 31.2-0-3.9-7.8s

Starter: 10-34-0 @ 12.5 gal./acre

Through Sprinkler: 32-0-0 @ 5 gal./ac.

Applied Water: 8 inches

Rainfall: 16 inches

Fungicide Treatments

Inspire @ 7 oz./ac.

Quadris @ 10.5 oz./ac.

Herbicide Treatments

Fusilade @ 6 oz, 10-34-0 @ 2 pts, NIS @ 1 qt/100 gal

Touchdown Total @ 32 oz, AMS @ 8.5 lbs/100 gal, NIS @ 1 qt/100 gal

Sequence @ 2.5 pts/ac, Fusilade @ 6 oz/ac, 10-34-0 @ 2 pts/ac, NIS @ 1 qt/100 gal

Planted Date: 4/24/2014

Harvested: 9/25/2014

Application Dates

4/5/14

3/25/14

4/24/2014

1st - 7/1/2014

2nd - 7/8/2014

3rd - 7/18/2014

4th - 7/24/201

1st - 7/29/2014

2nd - 9/2/2014

5/20/2014

5/6/2014

5/20/14

6/2/2014

Protocols - Applications	STAND COUNTS						RESULTS			
	Average Population			Percentage of Emergence			Ton per Acre	Sugar %	Pounds of Sugar per Acre	SLM
	1st	2nd	3rd	1st	2nd	3rd				
	5/5	5/12	5/19	5/5	5/12	5/19	Harvested			
Smart-Trio + Transit 1 qrt @ 6-14 leaf. Applied on June 25th.	2614	30492	32234	6%	65%	69%	30.95	15.19%	9279	1.3158%
Smart-Trio + Transit 1 qrt (2 times) 6-14 leaf and 40-50 days prior to harvest. 1st application on June 25th, 2nd application on August 6th.	2614	20909	32234	6%	44%	69%	30.55	15.03%	9026	1.7140%
1 qrt/ac N-Born applied foliar at 40-50 days prior to harvest. Applied on August 6th.	871	31363	35719	2%	67%	76%	30.11	14.17%	8405	1.5050%
CONTROL	3485	23522	29621	7%	50%	63%	29.27	13.89%	8003	1.5944%