

# TALC USA - 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.

**Planted Date:** 4/24/2014

**Harvested:** 9/25/2014

**Application Dates**

4/5/14  
3/25/14  
4/24/14  
1st - 7/1/14  
2nd - 7/8/14  
3rd - 7/18/14  
4th - 7/24/14

**Applied Water:** 8 inches

**Rainfall:** 16 inches

**Fungicide Treatments**

Inspire @ 7 oz./ac.

Quadris @ 10.5 oz./ac.

1st - 7/29/14  
2nd - 9/2/14  
5/20/14

**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

5/6/14  
5/20/14  
6/2/14

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			
Seed treat <b>PLAIN TALC</b> @ 1 cup per 3 bushels of seed	871	27007	34848	2%	57%	74%	29.36	14.57%	<b>8423</b>	1.5655%
Seed treat <b>MICRO TALC</b> @ 1 cup per 3 bushels of seed	0	35719	39204	0%	76%	83%	27.25	15.42%	<b>8257</b>	1.7337%
Seed treat <b>MICRO + MICROBE TALC</b> @ 1cup per 3 bushels of seed	1742	27878	35719	4%	59%	76%	30.61	14.82%	<b>8921</b>	1.6628%
<b>CONTROL</b>	6098	29621	31363	13%	63%	67%	27.32	14.72%	<b>7913</b>	1.6036%