



Amway

www.amway.com

Irrigation Research Foundation -- Yuma, CO Sugar Beets - 2014

Circle C: South West Quarter

Variety: 9173

Planted Date: 4/24/2014

Harvested: 9/25/2014

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.

Application Dates

4/5/14

3/25/14

4/24/2014

1st - 7/1/2014

2nd - 7/8/2014

3rd - 7/18/2014

4th - 7/24/2014

Applied Water: 8 inches

Rainfall: 16 inches

Fungicide Treatments

Inspire @ 7 oz./ac.

1st - 7/29/2014

2nd - 9/2/2014

Quadris @ 10.5 oz./ac.

5/20/2014

Herbicide Treatments

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

5/6/2014

Touchdown Total @ 32 oz./ac. + AMS @ 8.5 lbs./100 gal. + NIS @ 1 qt./100 gal.

5/20/14

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

6/2/2014

Protocols - Applications	STAND COUNTS						RESULTS			
	Average Population			Percentage of Emergence			Ton per Acre	Sugar %	Pounds of Sugar per Acre	SLM
	1st 5/5	2nd 5/12	3rd 5/19	1st 5/5	2nd 5/12	3rd 5/19	Harvested			
Apsa 80 @ 15 oz./ac. prior to planting Applied 4/9/2014	6970	30492	33106	15%	65%	70%	30.56	14.31%	8599	1.6746%
CONTROL	6098	29621	31363	13%	63%	67%	27.32	14.72%	7913	1.6036%