

Ag Pro Marketing - 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

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

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

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

Protocols - 1st Applications	Protocols - 2nd 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				
		1st	2nd	3rd	1st	2nd	3rd	Harvested			
		5/5	5/12	5/19	5/5	5/12	5/19				
Control - NO RECLAIM		11326	20038	28750	24%	43%	61%	28.04	13.98%	7708	1.6956%
32 oz. of Reclaim/acre applied pre-plant. Applied on April 5.		3485	28750	32234	7%	61%	69%	29.85	14.06%	8227	2.0071%
32 oz. of Reclaim/acre applied pre-plant. Applied on April 5.	8 oz. of N-Keeper/acre applied mid season w/liquid nitrogen. Applied on June 25.	0	18295	30492	0%	39%	65%	29.44	13.92%	8054	1.7219%
32 oz. of Reclaim/acre applied pre-plant. Applied on April 5.	32 oz. of Reclaim/per acre broadcast 6 weeks before harvest. Applied on August 6.	3485	20038	32234	7%	43%	69%	30.06	13.31%	7858	1.8073%