



MaxSystems

www.maxsystemsag.com

Irrigation Research Foundation -- Yuma, CO

Sugar Beets 2014

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.

Planting Date: 4/24/2014

Harvested Date: 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

Applied Water: 8 inches

Rainfall: 16 inches

Fungicide Treatments

Inspire @ 7 oz./ac.

Quadris @ 10.5 oz./ac.

Herbicide Treatments

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

Touchdown Total @ 32 oz./ac. + 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			
Sugar Beet Micromix @ 2 qt./ac. + 1/2# mix of HBED Marathon 9% iron mixed with water applied In-Furrow @ 4 gal./ac.	5227	14810	25265	11%	32%	54%	30.03	14.78%	8738	1.5655%
Sugar Beet Micromix @ 2 qt./ac. + 1/2# mix of HBED Zinc mixed w/ water applied In-Furrow @ 4 gal./ac.	871	21780	23522	2%	46%	50%	27.83	14.27%	7813	1.6352%
CONTROL	7841	23523	25265	17%	50%	54%	27.11	13.99%	7453	1.6930%