

Sugar Beets

Amway

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Irrigation Research Foundation -- Yuma, CO

Variety: Syngenta 9173
Planting Population: 45,000

Planting date: 4/30/13
Harvest date: 10/30/13

Fertilizer

Strip Till: 19-13-0 @ 4" 10gal & 10" 13 gal.

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

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

Soil Detoxifier: Reclaim @ 1qt./acre

Application Dates

4/5/13

4/30/13

6/21 7/3/13

4/28/13

Applied Water

14.02"

Herbicide Treatments

Fusilade @ 8 oz./acre Touchdown Total @ 24 oz./acre with NIS @ 1qt/100gal of water and AMS @ 17 lbs./per 100 gal. of water 6/10/13
7/31/13

Sequence @ 2.4pts./acre Fusilade @ 8oz./acre 7/2/13

Fungicide/Insecticide

Quadris @ 12 oz./acre 5/21/13

Harvest Results

Treatment data	Average Pop	Average Pop	Average Pop	% of Emergence Date Counted			Tons per Acre	Sugar %	Pounds of Sugar per acre	Sugar loss to molasses
				1st count 5/13	2nd count 5/20	3rd count 5/28				
Applied on 5/7/13										
APSA 80 @ 15oz./ac NO Reclaim	20909	31363	22651	46%	70%	50%	29.45	15.61%	9037	1.71
APSA 80 @ 15oz./ac w/ Reclaim	26136	34848	37462	58%	77%	83%	33.30	15.82%	10383	1.45
Control No Reclaim	13939	14810	21780	31%	33%	48%	24.17	14.52%	6890	1.85
Control w/Reclaim	27007	33106	32234	60%	74%	72%	31.71	14.56%	9073	1.77

Weather, daytime temperatures and other factors affect data results, as in any year.

The Irrigation Research Foundation strives to record and control these factors where possible.

Not all of these factors are measurable or recognized.