

Sugar Beets

AgPro Marketing

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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: Actual 10-34-0 @ 12.5 gal./acre
Through Sprinkler: 32-0-0 @ 5 gal./acre

Application Dates

4/28/13
4/4/13
6/21 7/3/13

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

Treatments

Study #1 **Reclaim** @ 32oz./ac before or just after planting followed by **Reclaim** @ 32 oz./acre 6 to 8 weeks prior to harvest 4/28 9/14/13

Harvest Results

Treatment data	Average Pop	Average Pop	Average Pop	% of Emergence			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				
Date Counted										
Study #1	21780	33106	33977	48%	74%	76%	33.39	13.55%	8882	1.83
Control	13939	14810	21780	31%	33%	48%	24.17	14.52%	6890	1.85

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.