

Sugar Beets

Amway

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Irrigation Research Foundation -- Yuma, CO

Variety: Hilleshog: 9173RR Cruiser Max/ Tach 20
Planting Population: 45,000

Planting date: 4/23/12
Harvest date: 10/5/12

Fertilizer

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

Strip-till: Analysis = 19-13-0 Actual=48.3-31.8-0 applied @ 4"- 10gal and 10"- 13gal

Through Sprinkler: 32-0-0

4 gal.

7 gal.

10 gal.

Soil Detoxifier: Reclaim @ 1qt./acre

Application Dates

4/23/12

3/28/12

5/23 5/29/12

7/5/12

5/18 6/12/12

4/13/12

Applied Water

14.5"

Herbicide Treatments

Roundup @ 32oz. Assure II @ 9 oz. AMS @ 17 lbs per 100 gal. of water NIS @ 1qt./100 gal.of water

5/7 6/4/12

Roundup @ 32oz. Select @ 8oz. AMS @ 17 lbs per 100 gal. of water NIS @ 1qt./100 gal.of water

6/28 7/11/12

Fungicide/Insecticide

Quadris @ 15 oz./acre

6/19/12

Lanate @ 1pt./acre

7/20/12

Coragen @ 5 oz./acre

8/4 8/12/12

Treatments

#1 Treatment APSA 80 @ 15 oz./ acre NO Reclaim

4/24/12

#2 Treatment APSA 80 @ 15 oz./ acre W/Reclaim @ 1qt./acre

4/13 4/24/12

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 5/7	2nd count 5/14	3rd count 5/21				
Date Counted										
Control - No Reclaim	27878	28749	31363	56.89%	58.67%	64.01%	26.70	16.60%	8755	1.23
#1 Treatment	34848	37461	37461	71.12%	76.45%	76.45%	27.10	16.73%	8956	1.23
#2 Treatment	28749	36590	30492	58.67%	74.67%	62.23%	27.40	18.14%	9804	1.36
Control - with Reclaim	33976	35719	35719	69.34%	72.90%	72.90%	26.20	17.28%	9184	1.44

PLOT SUBJECT TO DROUGHT CONDITIONS AND HEAVY SPRING WINDS

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.