Sugar Beets

AgPro Marketing

www.thesoilman.com

Irrigation Research Foundation -- Yuma, CO

Variety: Hilleshog: 9173RR Cruiser Max/ Tach 20 Planting date: 4/23/12 Planting Population: 45,000 Harvest date: 10/5/12

<u>Fertilizer</u>	Application Dates			
Starter Fertilizer: 10-34-0 @ 12.5 g	4/23/12			
Strip-till: Analysis = 19-13-0 Actua	3/28/12			
Through Sprinkler: 32-0-0	4 gal.	5/23 5/29/12		
	7 gal.	7/5/12		
	10 gal.	5/18 6/12/12		
Soil Detoxifier: Reclaim @ 1qt./acre	e	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

Applications:

#1 Reclaim @ 16oz.ac + Additional 16oz. 3 weeks prior to harvest

4/13 9/10/2012

Harvest Results

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	Sugar loss to molasses
Date Counted				1st count 5/7	2nd count 5/14	3rd count 5/21				
#1	33976	35719	35719	69.34%	72.90%	72.90%	26.20	17.28%	9184	1.44
Control	34848	37461	37461	71.12%	76.45%	46.45%	26.70	16.60%	8755	1.23

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.