

# Sugar Beets

## Agri-Gro Inc.

[www.agri-gro.com](http://www.agri-gro.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

#### 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

#### Applications:

16oz. **Ignites S2** in-furrow mixed w/ water applied at 6 gal/acre

4/23/12

16oz. **Foliar Blend** @ 3-5 inch height

6/8/12

16 oz. **Foliar Blend** 3 weeks later

7/3/12

16oz. **Foliar Blend** 3 weeks later

7/28/12

## Harvest Results

Treatment	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										
#1	32234	35719	31363	65.78%	72.90%	64.01%	30.90	16.64%	10137	1.42
Control	27878	27878	27007	56.89%	56.89%	55.12%	28.75	16.60%	9418	1.38

#### **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.