

# Sugar Beets

## Amway

[www.accessbusinessgroup.com](http://www.accessbusinessgroup.com)

### Irrigation Research Foundation -- Yuma, CO

Plot size: 4 rows Variety: Hillshog # 9024

Planting date: 4/29/11

Planting Population: 49,000

Harvest date: 10/7/11

#### Applied Water - 10.7"

#### Fertilizer

#### Application Dates

Humalfa @ 5 ton/acre

3/16/11

Strip-Till: 21-36-0 (Actual) = 8gal @ 4 " & 13 gal @ 10"

4/2/11

Through Sprinkler: 32-0-0

10 gal./acre

6/9/11

7 gal./acre

6/24/11

7 gal./acre

6/29/11

#### Herbicide Treatments

Touchdown @ 24oz./ acre

5/5/11

Touchdown @ 24oz./acre w/ Quadris @ 6 oz. AMS @ 17#'s /100 gal. water NIS@1qt./100 gal water

6/3/11

Sequence @ 2.5pts/acre AMS @ 17#'s/100gal. water Fuselade DX @ 24 oz/acre NIS@1qt./100 gal. water

6/16/11

Inspire XT @ 7 oz./acre Touchdown + Fuselade DX @ 24 oz./acre NIS@1qt./100 gal. water

7/8/11

#### Soil Detoxifier

Reclaim @ 1qt/acre

4/13/11

## Harvest Results

Application Data	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	Sugar loss to molasses
				1st	2nd	3rd				
4/29/11										
4 fl oz. Nutriplant SL in 4 gal water, applied in-furrow at planting	23522	39204	44431	48.00%	80.01%	90.68%	35.14	16.04%	11273	1.6522
Control - no starter	23522	34848	41818	48.00%	71.12%	85.34%	32.37	16.84%	10902	1.5484

PLOT SUBJECT TO COOL TEMPERATURES

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.