

# Sugar Beets

## NCA BioTech

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

### Irrigation Research Foundation -- Yuma, CO

Plot size: 4 rows  
Planting Population: 49,000/acre

Planting date: 4/27/10  
Harvest date: 10/2/10

#### Fertilizer

Strip-Till: 21-36-0 4" @ 10gal 10" @ 15 gal  
Starter: 10-34-0 @ 12.5 gal/acre  
Through Sprinkler: 28-0-0-5 6 gal.  
8 gal.  
10 gal.

#### Application Dates

4/5/10  
4/27/10  
6/9/10  
6/18/10  
7/12/10

#### Herbicide Treatments

Round-up @ 22oz  
AMS @ 17 lb. per 100 gal.

5/30/10, 6/18/10

#### Aerial Application

Round-up weather max 32oz/acre  
Synurgize .32oz./100 gal.  
Vector .64 dry oz./acre  
Proline 480SC 5.2 oz/acre

8/4/10

#### Application Data

foliar treatment-1qt/acre of AC-97 Micro Nexus @ 2-4 leaf  
stage

6/2/10

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	SLM
				1st	2nd	3rd				
	<u>5/10/10</u>	<u>5/17/10</u>	<u>5/24/10</u>							
<b>Study #1</b>	31363	34848	35719	0.640061	0.711184	0.728959	28.34	17.18%	9737	1.4038
Control	29621	34848	39204	0.60451	0.711184	0.800082	27.79	15.83%	8797	1.852

#### 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.