

Sugar Beets

Pro-Green Ag. LLC

www.progreenag.org

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 @ 17lb 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 app of C4 @ 16oz/acre

6/2/10

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar	SLM
	<u>5/10/10</u>	<u>5/17/10</u>	<u>5/24/10</u>	1st	2nd	3rd				
Study	37462	43560	42689	0.764531	0.88897959	0.871204	30.18	17.26%	10418	1.4972
control	33977	37462	37462	0.693408	0.76453061	0.764531	29.23	16.54%	9669	1.4722

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.