

Sugar Beets

Amway

www.amway.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 5/30/10, 6/18/10
AMS @ 17lb per 100 gal

Aerial Application

Round-up weather max 32oz/acre 8/4/10
Synurgize - .32oz./100 gal.
Vector - .64 dry oz./acre
Proline 480SC - 5.2 oz/acre

Application Data

Study #1 APSA 80 @ 15 oz /acre of Soil Treatment 5/6/10

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	SLM
				1st	2nd	3rd				
Study #1										
	5/10/10	5/17/10	5/24/10							
control	30492	40075	40946	0.622286	0.81785714	0.835633	27.91	16.63%	9284	1.2645
	29621	34848	39204	0.60451	0.71118367	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.