

Sugar Beets

Agrotain

www.agrotain.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 @ 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

15# per ton of 32-0-0

5/10/10

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar	SLM
	5/10/10	5/17/10	5/24/10	1st	2nd	3rd				
Study #1	34848	38333	42689	0.711184	0.782306	0.871204	30.15	17.25%	10402	1.4100
control	28750	34848	33106	0.586735	0.711184	0.675633	28.45	16.64%	9469	1.6168

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.