

Sugar Beets

Bio-Lynceus

www.biolynceus.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

1st application: At planting- 10 gal of Lot 125 + 1 qt SW-3 2x2 4/27/10
 2nd application: At 1st true leaf - 10 gal. of Lot 125 + 1qt SW -3 5/10/10
 3rd application: Prior to canopy - 10 gal. of Lot 125 + 1 qt SW-3 6/13/10

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per	SLM
	5/10/10	5/17/10	5/24/10	1st	2nd	3rd				
Study	27878	33106	37462	0.568939	0.675633	0.764531	28.89	17.04%	9845	1.4314
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.