

Sugar Beets

West Central, Inc.

www.west-central.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

West Central Treatment #1 --- In-Furrow app. of 1 lb. SoyGreen w/ 4 gal Pro-germinator 9-24-3 mixed w/ 4/27/10
West Central Treatment #2 ---In-Furrow app. of 3 gal. Redline w/3 gal Pro-germinator 9-24-3 4/27/10

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>							
West Central #1	27878	40946	44431	0.568939	0.835633	0.906755	28.44	17.58%	9998	1.5589
West Central #2	26136	39204	40946	0.533388	0.800082	0.835633	27.76	17.05%	9466	1.463
Control w/starter	29621	34848	39204	0.60451	0.711184	0.800082	27.79	15.83%	8797	1.852
Control #2 w/starter	33106	38333	40075	0.675633	0.782306	0.834896	26.15	17.13%	8959	1.7745

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.