

Sugar Beets

Conklin Fertilizer

www.conklin.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

5/30/2010, 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

1 gal. feast 9-18-9 + 8 oz of xcyto foliar @ three leaf stg
41k planted seed/acre: 4 oz. Amplify per 50 lbs of seed
45k planted seed/acre: 4 oz. Amplify per 50 lbs of seed
49k planted seed/acre: 4 oz. Amplify per 50 lbs of seed

5/30/10
4/27/10
4/27/10
4/27/10

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				
Conklin #1	33106	34848	33977	0.675633	0.711184	0.693408	30.09	17.17%	10332	1.6115
Conklin #2 41k	32234	36590	37462	0.786195	0.892439	0.913707	29.26	16.71%	9780	1.6154
Conklin #3 45k	31363	33234	38333	0.696956	0.738533	0.851844	28.37	17.28%	9803	1.5313
Conklin #4 49k	40946	47045	46174	0.835633	0.960102	0.942327	29.24	17.05%	9970	1.4472
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.