

Sugar Beets

West Central, Inc.

www.west-central.com

Irrigation Research Foundation -- Yuma, CO

Plot size: 4 rows Variety: Hillshog # 9024

Planting date: 4/29/11

Planting Population: 49,000

Harvest date: 10/7/11

Applied Water - 10.7"

<u>Fertilizer</u>		<u>Application Dates</u>
Humalfa @ 5 ton/acre		3/16/11
Starter Fertilizer: 10-34-0 @ 12.5 gal./acre		4/29/11
Strip-Till: 21-36-0 (Actual) = 8gal @ 4 " & 13 gal @ 10"		4/2/11
Through Sprinkler: 32-0-0	10 gal./acre	6/9/11
	7 gal./acre	6/24/11
	7 gal./acre	6/29/11

Herbicide Treatments

Touchdown @ 24oz./ acre		5/5/11
Touchdown @ 24oz./acre w/ Quadris @ 6 oz. AMS @ 17#'s /100 gal. water NIS@1qt./100 gal water		6/3/11
Sequence @ 2.5pts/acre AMS @ 17#'s/100gal. water Fuselade DX @ 24 oz/acre NIS@1qt./100 gal. water		6/16/11
Inspire XT @ 7 oz./acre Touchdown + Fuselade DX @ 24 oz./acre NIS@1qt./100 gal. water		7/8/11

Soil Detoxifier

Reclaim @ 1qt/acre		4/13/11
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Application Data

#1 - In-furrow 1 lb. Soy Green with 4gal/ac of Pro-Germinator(9-24-3) mixed w/2gal water	4/29/11
#2 - In-furrow @ 3gal/ac Redline with 3gal/ac of Pro-Germinator(9-24-3)	4/29/11

Harvest Results

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	Sugar loss to molasses
				1st	2nd	3rd				
#1	13939	24394	40946	28.45%	49.78%	83.56%	38.95	16.14%	12573	1.4853
#2	21780	33106	34848	44.45%	67.56%	71.12%	29.11	16.02%	9327	1.4558
Control	20038	36590	38333	40.89%	74.67%	78.23%	31.29	15.94%	9975	1.5037

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.