

Sugar Beets

Agri-Gro Inc.

www.agri-gro.com

Irrigation Research Foundation -- Yuma, CO

Plot size: 4 rows Variety: Hillshog # 9024

Planting Population: 49,000

Planting date: 4/29/11

Harvest date: 10/7/11

Applied Water - 10.7"

Fertilizer

Starter Fertilizer: 10-34-0 @ 12.5 gal./acre

Strip-Till: 21-36-0 (Actual) = 8gal @ 4 " & 13 gal @ 10"

Through Sprinkler: 32-0-0

10 gal./acre

7 gal./acre

7 gal./acre

Application Dates

4/29/11

4/2/11

6/9/11

6/24/11

6/29/11

Herbicide Treatments

Touchdown @ 24oz./ acre

Touchdown @ 24oz./acre w/ Quadris @ 6 oz. AMS @ 17#'s /100 gal. water NIS@1qt./100 gal water

Sequence @ 2.5pts/acre AMS @ 17#'s/100gal. water Fusalade DX @ 24 oz/acre NIS@1qt./100 gal. water

Inspire XT @ 7 oz./acre Touchdown + Fusalade DX @ 24 oz./acre NIS@1qt./100 gal. water

5/5/11

6/3/11

6/16/11

7/8/11

Soil Detoxifier

Reclaim @ 1qt/acre

4/13/11

Applications:

16 ounces of **Foliar Blend** applied in-furrow at planting with an additional 16 oz./acre at 3-5" growth, then every three weeks after that for a total of 4 applications

4/29/11

5/27/11

6/10/11

7/8/11

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				
Agri-Gro	20909	31363	37462	42.67%	64.01%	76.45%	36.63	16.42%	12029	1.5668
Control	23522	34848	41818	48.00%	71.12%	85.34%	32.37	16.84%	10902	1.5484

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.