

Sugar Beets

Bio-Lynceus

www.biolynceus.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"

Fertilizer

Humalfa @ 5 ton/acre

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

3/16/11

4/29/11

4/2/11

6/9/11

6/24/11

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 Fusalade DX @ 24 oz/acre NIS@1qt./100 gal. water

6/16/11

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

7/8/11

Soil Detoxifier

Reclaim @ 1qt/acre

4/13/11

Application Data

1st application - Lot 125 10 g. /acre @ planting

4/29/11

2nd application - Lot 125 10g/acre @ 8 leaf

6/10/11

3rd application - Lot 125 10g/acre @ prior to canopy

7/20/11

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				
Study	21780	33106	42689	44.45%	67.56%	87.12%	30.54	15.68%	9577	1.5905
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.