

Humalfa

www.humalfa.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

Application Dates

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 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

Humalfa Application: 5 tons/acre

3/16/11

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				
Humalfa	21780	40946	43560	44.45%	83.56%	88.90%	35.60	16.14%	11492	1.6036
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.