

# Sugar Beets

## Humalfa

[www.Humalfa.com](http://www.Humalfa.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 10gal @ 4" 15 gal @ 10"  
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 5/30/10

#### Aerial Application

Round-up weather max 32oz/acre 8/4/10  
Synurgize .32oz./100 gal.  
Vector .64 dry oz./acre  
Proline 480SC 5.2 oz/acre

Humalfa Application: 5 tons/acre 1/5/10

#### Humalfa/w Agri-Gro Application :

16 oz. acre In- Furrow 4/27/10  
16 oz./acre @ 3-4" of growth 5/30/10  
16 oz./acre repeated from 3 weeks earlier 6/20/10

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	SLM
	5/10/10	5/17/10	5/24/10	1st	2nd	3rd				
Humalfa	27878	27878	33977	0.568939	0.568939	0.693408	29.77	16.72%	9956	1.5957
Humalfa/Agri-gro	20038	31363	32234	0.408939	0.640061	0.657837	26.79	16.37%	8771	1.5957
Control	29621	34848	39204	0.60451	0.711184	0.800082	27.79	16.37%	8797	1.852

#### 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.