

# Humalfa

[www.humalfa.com](http://www.humalfa.com)

## Irrigation Research Foundation -- Yuma, CO

Show Plots -- Circle C East

Plot Size: 4 rows/variety: DKS 56-55

Population: 31,500

Planting Date: 5/1/12

Harvest Date: 10/12/12

### Application Dates

Starter Fertilizer : 15-20-0-2s-.027Zn@ 18gal./acre

3/29/12

Strip-Till: Analysis=19-13-0 Actual=48.3-31.8-0 applied @ 4"- 10gal and 10"- 13gal

05/01/12

Through Sprinkler: 32-0-0

applied to 32 blocks only

10 gal./acre

5/18 6/12 6/19

7 gal./acre

5/29 6/26

### Herbicide Treatments

Degree Xtra @ 2.9qtrs/acre with Round-up @ 32oz./acre

AMS @ 17lbs. with 100gal. Of water

4/18/12

NIS @ 1qt./ 100 gal of water

Status @ 4 oz./acre with Round-up @ 32 oz./acre

AMS @ 17lbs. with 100gal. Of water

6/11/12

NIS @ 1qt./ 100 gal of water

### Insecticide:

Oberon @ 5 oz./acre

7/19/12

**Total Applied Water = Full water 15.85" / Low Water 13.1"**

Treatment		YIELD bu./acre	Lodging Rating	Moisture	Test Weight
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### **5 tons per acre Humalfa on 3/29/12**

starter no 32 low water		111.72	0.0	14.6	58
starter no 32 full water		188.17	0.0	16.0	59
no starter no 32 low water		157.72	0.0	14.8	60
no starter no 32 full water		224.73	0.0	16.7	59
starter + 32 full water		236.52	0.0	17.2	61
starter + 32 low water		129.96	0.0	15.2	60
no starter + 32 low water		172.77	0.0	13.8	60
no starter + 32 full water		236.30	0.0	16.1	61

Adjusted to 15.5% moisture

Lodging rating: 0/no lodging 10/100% lodging

Corn is judged as lodged if it is "tipped over" or broken below the ear.

PLOT SUBJECT TO HIGH WINDS

*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.*