

Humalfa

www.humalfa.com

Irrigation Research Foundation -- Yuma, CO

Show Plots -- Circle C East

Plot Size: 4 rows/variety DKC 55-24 vt3

Population: 31,500

Planting Date: 5/7/11

Harvest Date: 10/13/11

Application Dates

5/9/11

04/05/11

6/19/11 7/15/11 7/19/11

6/28/11 7/2/11

Starter Fertilizer : 15-20-0-2.0s-.027 Zn @ 18gal./acre

Strip-Till: 9-15-0 / lbs. per acre = 8gal @ 4 " & 13 gal @ 10"

Through System: 32-0-0 at 10 gal./acre

at 4 gal./acre

Herbicide Treatments

Degree Xtra @ 2.9qt.

5/1/11

Round-Up Weather Max @ 32. oz./acre

5/1/11 6/25/11

AMS 17 lbs. per 100 gal. water

5/1/11 6/25/11

NIS 32 oz. per 100 gal. water

5/1/11 6/25/11

Total Applied Water = Full water 13.25" / Low Water 8.15"

| Treatment | YIELD bu./acre | Lodging Rating | Moisture | Test Weight |
|-----------|-------------------|-------------------|----------|----------------|
| | | | | |

5 tons per acre Humalfa on 3/16/11

| | | | | |
|-----------------------------|--------|-----|------|----|
| starter no 32 low water | 164.40 | 0.0 | 12.8 | 60 |
| starter no 32 full water | 219.72 | 0.0 | 16.8 | 58 |
| no starter no 32 low water | 142.14 | 0.0 | 13.6 | 59 |
| no starter no 32 full water | 217.23 | 0.0 | 16.2 | 58 |
| starter + 32 full water | 199.10 | 0.0 | 15.7 | 60 |
| starter + 32 low water | 152.09 | 0.0 | 12.3 | 60 |
| no starter + 32 low water | 147.05 | 0.0 | 12.9 | 59 |
| no starter + 32 full water | 203.44 | 0.0 | 15.5 | 59 |

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.