

## LignoTech

[www.lignotech.com](http://www.lignotech.com)**Irrigation Research Foundation -- Yuma, CO**

Circle B

Planting Date: 5/4/12

Harvest Date: 10/30/12

Population: 33,500

Variety: Dekalb 55-56

**Application Dates****Strip-Till:** 19-13-0 (Analysis) Applied 10gal @ 4" + 13gal @ 10"  
48.3-31.8-0 (Actual)

3/31/12

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

5/4/12

**Through Sprinkler:** 32-0-0

7 gal./acre

5/29 6/5/12

10 gal./acre

6/14 6/26 7/5/12

**Applied water**

18.1"

**Herbicide Treatments**Degree Xtra @ 2.9 qt./acre Round-up @ 32oz./acre AMS @ 17lbs./100 gal water NIS @ 1qt./ 100  
gal./water

4/18/12

Round-up @ 32oz./acre Status @ 5oz./acre AMS @ 17lbs./ 100 gal water NIS @ 1qt./100 gal. water

6/17/12

**Insecticide Treatments**

Oberon @ 5oz./acre

07/19/12

Application dates	TREATMENT:	Moisture/ Test Wgt.	YIELD (bu./acre)
5/4/2012	4gal. of LS924 + 1pt. KS Micro Max in-furrow	18.4/57	202.56
5/4/2012	4 gal. of LS924 + 1pt. KS Micro Max + 1qrt. KH 2412 Humic Acid in-furrow	18.2/57	222.93
5/4/2012	4gal. of LS924 + 1pt. KS Micro Max + 1qrt. KAF 20 Fulvic Acid in-furrow	18.4/57	227.13

**Plants subjected to drought conditions and extreme high winds on 10/19***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.*