

# LignoTech

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## Irrigation Research Foundation -- Yuma, CO

Circle C - NW qtr  
 Variety: S28-B4  
 Population: 220,000

Planting Date: 5/17/12  
 Harvest Date: 9/26/12

### Application Dates

|  |                        |
|--|------------------------|
| <u>Strip-Till:</u> Analysis=19-13-0<br>Actual=48.3-31.8-0 applied @ 4"- 10gal. and 10"- 13gal. | 3/29/12                |
| <u>Through Sprinkler:</u> 32-0-0 10gal./acre<br>7 gal./acre                                    | 6/19/12<br>6/26 7/5/12 |
| <u>Reclaim Soil Detoxifier:</u> 16 oz./acre  | 4/13/12                |

### Applied Water

15.25"

### Herbicide Treatments

|   |              |
|---|--------------|
| Round-up @ 32oz./acre Assure II @ 10oz./acre AMS @<br>17lbs./100 gal. water and NIS @ 1qt./ 100 gal./acre | 5/21 6/28/12 |
| Round-up @ 32oz./acre Assure II @ 8oz./acre AMS @<br>17lbs./100 gal. water and NIS @ 1qt./ 100 gal./acre  | 7/15/12      |

### Insecticide Treatments

|                                       |         |
|---------------------------------------|---------|
| Lanate @ 1pt./acre                    | 7/20/12 |
| Coragen @ 10 oz./acre with MSO @ .25% | 8/14/12 |

| Treatment Dates | Treatment  | Moisture/<br>Test Weight | Yield |
|-----------------|--|--------------------------|-------|
| 5/17/12         | #1 In-Furrow application of 2gal LS924 + 1pt KS Micro Max + 1qrt. KH 2412 Humic Acid | 14/53                    | 78.41 |
| 5/17/12         | #2 In-Furrow application of 2 gal LS924 + 1pt. Micro Max + 1 qrt. KAF 20 Fulvic Acid | 13.9/54                  | 83.49 |
| 5/17/12         | Control In-Furrow application of 2 gal LS924 + 1pt. KS Micro Max                     | 14/53                    | 75.23 |

Plants subjected to high winds and warm 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.*