

Centennial Ag.

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Irrigation Research Foundation -- Yuma, CO

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

Planted Date: 5/17/12
 Harvested: 9/26/12

	<u>Application Dates</u>
<u>Strip-Till:</u> Analysis=19-13-0 Actual=48.3-31.8-0 applied @ 4"- 10gal. and 10"- 13gal.	3/29/12
<u>Starter:</u> 15-20-0-2s-.027Zn@ 9gal./acre	5/17/12
<u>Through Sprinkler:</u> 32-0-0 10gal./acre	6/19/12
7 gal./acre	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 @ 17lbs./100 gal. water and NIS @ 1qt./ 100 gal. water/acre	5/21 6/28/12
Round-up @ 32oz./acre Assure II @ 8oz./acre AMS @ 17lbs./100 gal. water and NIS @ 1qt./ 100 gal. water/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/ Test Weight	Yield
05/21/12	#1 1 qrt/ac Flashguard applied @ V1 stage	13.6/56	88.81
05/21/12	#2 2qrt/ac Flashguard applied @ V1 stage	13.1/54	82.79
5/21/12 6/4/12	#3 2qrt/ac Flashguard applied @ V1 stage followed with 2pt./acre of Flashguard prior to canopy	13.1/54	83.64
	Control	13.1/56	78.73

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.