

Pro-Green Ag.

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Irrigation Research Foundation -- Yuma, CO

Population: 32,500
Variety: DKC 56-55

Planted: 5/7/12
Harvested: 10/18/12

Application Dates

Starter: 15-20-0-2s-.027Zn@18gal./acre	5/7/12
Strip-Till: 19-13-0 (Analysis) Applied 10gal @ 4" + 13gal @ 10" 48.3-31.8-0 (Actual)	3-31-12
Through Sprinkler: 32-0-0 7gal./acre	5/29 6/5
10 gal./acre	6/14 6/26 7/5

Applied Water

18.10"

Herbicide Treatments

Pre Plant Treatment - Degree Xtra @ 2.9 qt./acre Round up @ 32 oz./acre AMS @ 17lbs./100 gal. water and NIS @ 1qt./100 gal. water/acre 4/18/12

Post Plant Treatment - Round-up @ 32oz./acre Status @ 5oz./acre AMS @ 17lbs./100 gal. water and NIS @ 1qt./100 gal. water/acre 6/17/12

Insecticide Treatments

Oberon @ 5 oz./acre 7/19/12

north side

Treatment Dates	Aerial / Foliar Applications	Moisture/ Test Weight	Yield
6/6/12	#1 GRO @ 64oz/ac @ V-4		
6/11/12	Liquid Calcium at 3gal/ac @ V-6 injected through system		
7/13/2012	Aerial Application of C-4 @ 16oz./ac applied at white silk	14.8/58	220.03
6/6/12	#2 C-4 @ 32oz./ac @ V-4		
6/11/12	Liquid Calcium at 3gal/ac @ V-6 injected through system		
7/13/2012	Aerial Application of C-4 @ 16oz./ac applied at white silk	15.0/58	214.48
6/6/12	#3 F-14 @ 1gal/ac @ V-4		
6/11/12	Liquid Calcium at 3gal/ac @ V-6 injected through system		
7/13/2012	Aerial Application of C-4 @ 16oz./ac applied at white silk	14.9/58	229.15
6/6/12	#4 PGS @ 32oz/ac @ V-4		
6/11/12	Liquid Calcium at 3gal/ac @ V-6 injected through system		
7/13/2012	Aerial Application of C-4 @ 16oz./ac applied at white silk	14.9/59	243.48
6/11/12	CONTROL Liquid Calcium at 3gal/ac @ V-6 injected through system		
7/13/2012	Aerial Application of C-4 @ 16oz./ac applied at white silk	14.2/57	221.57
	CONTROL - NO TREATMENTS	14.9/59	192.94

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.