

**Dekalb**  
*Irrigation Research Foundation -- Yuma, CO*  
Circle C

Population Study:  
28,000-32,000-36,000-40,000

Planted: 5/9/11  
Harvest Date: 11/1/11

**Application Dates**

Starter Fertilizer : 15-20-0-2.0s-.027 Zn / lbs. per acre @ 18gal./acre	5/9/11
Strip-Till: 9-15-0 / lbs. per acre = 8gal @ 4 " & 13 gal @ 10"	4/5/11
Through System: 32-0-0	
10 gal./acre	6/19/11
4 gal./ acre	6/29/11
4 gal./acre	7/2/11
10 gal./acre	7/15/11
10 gal./acre	7/19/11

**Herbicide Treatments**

Herbicide: Degree Xtra @ 2.9 qts/acre Round-up @ 32 oz./acre Synurgize @ 1qt/100 gal of H2O	5/1/11
Round-up Weathermax @ 32 oz./acre	6/16/11
AMS @ 17lbs. Per 100 gal./ acre	6/16/11
NIS @ 32oz. Per 100 gal./acre	6/16/11

In addition to standard IRF fertility program 21.43 g./acre of N applied between rows at 6 leaf stage

5/27/11

Applied Water 13.25"

**Applied Water**

**Yields Adjusted to 15.5% moisture**

<b>Variety Numbers</b>	<b>Moisture Test Wgt</b>	<b>Yield 28,000k</b>	<b>Yield 32,000k</b>	<b>Yield 36,000k</b>	<b>Yield 40,000k</b>
52-04VT3Pro	16.35/58	176.76	202.20	208.28	207.56
52-59 VT3	14.5/57	198.3 *	181.5 **	190.22 ***	211.65 ***
59-88 VT3	18.9/57	236.62	227.93	176.31	252.79
56-55 VT3 pro	16.15/59	209.11	213.93	219.83	252.65
62-97 VT3Pro	18.25/59	246.66	229.50	211.48	220.47
63-07 VT3Pro	18.7/57	186.14	154.13	143.57	246.86

\* 5% lodge

\*\* 10% lodge

\*\*\* 10-15 % lodge

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.*