

# Montys

[www.montysplantfood.com](http://www.montysplantfood.com)

*Irrigation Research Foundation -- Yuma, CO*

Dekalb DKS 29-28  
Planting Population: 150k

Planting Date: 6/6/11  
Harvest Date: 10/21/11

Starter: 30-40-0-4s-.053zn @ 12.5 gal/acre  
StripTill: 21-36-0 = 4" @ 8 gal./acre 10" @ 13 gal./acre  
Through System: 10 gal. of 32-0-0/acre

**Application Dates**

6/6/11  
4/11/11  
6/14/11  
6/20/11  
7/29/11  
8/2/11

**Applied Water**

7"

**Herbicide Treatments**

Degree Xtra@2.9qts/acre 6/6/11  
AMS @ 17 lbs.per 100 gal water/acre  
Round up Weather Max @ 32oz./acre NIS @ 1qt/100 gal. water/acre  
Barrage @ 9oz./acre 7/7/11

<b>Treatment dates</b>	<b>Treatment</b>	<b>Yield (bu./acre)</b>	<b>Moisture/T est Wgt.</b>
	#1 - control w/no fertilizer	140.12	11.6/57
	#2 - control w/ traditional fert	136.14	13.6/58
06/06/11	#3 - 64 oz. of Liquid Carbon/acre before planting.	142.84	12.3/56
06/19/11	#4 - Foliar of 24 oz of 8-16-8 + 16 oz. of Liquid Carbon @ V3 stage	144.76	11.6/57
06/06/11	#5 - 64 oz of Liquid Carbon w/ seed starter 4-15-12 @ 24oz/ acre	140.03	11.3/57
07/07/11	#6 - 24 oz. of 8-16-8 + 16 oz/acre of Liquid Carbon @ V6 stage	148.16	11.3/58
6/19/11 7/7/11	#7 - 24 oz. of 8-16-8 + 16 oz/acre of Liquid Carbon @ V3 stage 24 oz/acre of 8-16-8 + 16 oz /acre of Liquid Carbon @ V6 stage	145.35	11.3/58
6/6/11 6/19/11 7/7/11	#8 - 64 oz. of Liquid Carbon + 24 oz. of 4-15-12 @ planting 24 oz of 8-16-8 + 32 oz of Liquid Carbon @ V3 stage 24 oz. of 8-16-8 + 16 oz.acre of Liquid Carbon @ V6 stage	145.92	11.3/58

**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 where possible, to control, these factors.*

*Not all of these factors are measurable or recognized.*