

# Montys

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

**Irrigation Research Foundation -- Yuma, CO**

Plot Size: 4 rows per variety  
Planting Populations: 35,500

Planting Date: 5/6/10  
Harvest Date: 10/15/10

<b>Strip-Till:</b> 20.5 - 35.8 - 0 @ 10 gal @ 4" & 15 gal @ 10"	4/9/10
<b>2 x 2 Starter:</b> 30-40-0-4s-.053 Zn @ 19 gal./acre	5/6/10
<b>In-Furrow Starter:</b> Pro-Germinator 9-24-3 @ 3 gal./acre	5/6/10
<b>Through Sprinkler:</b> 28-0-0-5 @ 10. gal./acre	6/3/10
	6/17/10
	7/10/10
	7/17/10

**Herbicide Treatments**

4/28/2010	6/10/2010
Degree Xtra @ 3 qt/acre	
Round-Up @ 32 oz./acre	Round-Up @ 32 oz./acre
Class Act @ .54 qt/acre	Synurgize @ 32oz./100 gal.

**TREATMENTS:**

<b>1st application</b>		
#1 Control no fert		
#2 control w/ Pro-Germinator 9-24-3 In-furrow @ 3gal./acre		
#3 Liquid Carbon @ 64oz. Before planting followed by 2x2 fertilizer		
#4 Liquid Carbon @ 64oz. + Montys 4-15-12 @ 24 oz per acre + H2O in-furrow @ 3 gal./acre		
<b>2nd application</b>		
#5 In-Furrow: Pro-Germinator 9-24-3 @ 3 gal./acre	8-16-8 @ 24 oz + 16 oz of Liquid Carbon @ V3 foliar application	
#6 In-Furrow: Pro-Germinator 9-24-3 @ 3 gal./acre	8-16-8 @ 24 oz + 16 oz of Liquid Carbon @ V6 foliar application	
<b>3rd application</b>		
#7 NO STARTER-	24 oz./acre of 8-16-8 + 16 oz Liquid Carbon @ V3	24 oz of 8-16-8 + 16 oz. Liquid Carbon @ V6 stage
#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.	24 oz 8-16-8 + 16 oz /acre of Liquid Carbon @ V6

**YIELD (bu./acre)**

Application Dates	Adj. to 15.5% Moisture	Moisture/Test Wgt
#1	160.97	13.9/55
#2 applied: 5/6/10	177.47	13.3/55
#3 applied: 5/4/10	175.58	14/55
#4 applied: 5/6/10,	175.26	14.4/55
#5 applied: 5/6/10, 5/30/10	170.41	14.8/55
#6 applied: 5/6/10, 6/8/10	172.66	14.6/55
#7 applied: 6/8/10, 5/30/10	175.78	14.3/55
#8 applied: 5/6/10, 5/30/10, 6/8/10	164.62	14/55

**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.*

