

# Centennial Ag Supply Co.

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Irrigation Research Foundation -- Yuma, CO

## IRRIGATED CORN - 2014

**Circle D**

**Population:** 34K

**Variety:** DKC 56-54

**Strip-Till:** (Analysis) 23-0-3-5.7s applied at 10 gal./ac. @ 4" and 13 gal./ac. at 10"

**2X2 Starter Fertilizer:** (Analysis) 22.7-9.1-1.9-1.3s-.05zn

**Through System:** 32-0-0 @ 8 gal./ac.

**Planting Date:** 5/4/2014

**Harvest Date:** 11/3/2014

**Application Dates**

3/27/2014

5/4/2014

1st - 6/2/2014

2nd - 6/18/2014

3rd - 7/1/2014

4th - 7/16/2014

5th - 7/22/2014

**Applied Water:** 7.75 inches

**Rainfall:** 16 inches

**Herbicide**

Lumax EZ @ 2.9 qt./ac. + Touchdown Total @ 32 oz./ac. + AMS @ 8.5 lbs./100 gal. + NIS @ 1 qt./100 gal.

Applied 5/6/2014

**Insecticide**

Oberon 4 SC @ 8 oz./ac. + Belt SC @ 2.2 oz./ac.

Applied 7/25/2014

PROTOCOL	REP #	Moisture	Total Bushels/ Acre
#1 - N-TruZT applied In-Furrow @ 5 gal./ac.	1	16.0	222.0
	2	16.6	228.5
	3	15.5	204.4
	4	15.5	219.8
	5	15.3	212.5
	6	15.8	228.1
#2 - 6-24-6 @ 4 gal./ac. + Micro Pac @ 1/2 gal./ac. applied In-Furrow @ 4.5 gal./ac.	1	15.8	213.5
	2	16.6	233.5
	3	15.3	218.6
	4	15.5	224.5
	5	15.6	211.7
	6	15.8	224.9
#3 - 7-21-2-1s-0.1Zn @ 6 gal./ac. + N Capsulate @ 1 gal./ac. applied In-Furrow @ 6 gal./ac.	1	16.0	224.7
	2	16.6	263.4
	3	15.4	212.5
	4	15.6	233.1
	5	15.2	200.8
	6	15.8	218.4

PROTOCOL	REP #	Moisture	Total Bushels/ Acre
<p>#4 - 7-21-2-1s-0.1Zn applied In-Furrow @ 5 gal./ac.</p>	1	15.9	217.5
	2	16.5	254.8
	3	15.2	209.4
	4	15.5	225.3
	5	15.5	193.0
	6	15.6	216.6
<p>#5 - Steric P @ 3 gal./ac. + Steric K @ 2 gal./ac. applied In-Furrow @ 5 gal./ac.</p>	1	15.6	211.4
	2	16.5	246.3
	3	15.3	209.6
	4	15.3	216.0
	5	15.3	209.2
	6	15.6	217.6
<p>#6 - CONTROL Water applied In-Furrow @ 5 gal./ac.</p>	1	15.7	213.9
	2	16.2	189.8
	3	15.9	204.0
	4	15.3	193.6
	5	15.3	213.2
	6	15.8	214.8
<p>#7 - N-TruZT applied 2X2 @ 10 gal./ac.</p>	1	15.7	231.5
	2	16.2	248.4
	3	15.5	215.3
	4	15.7	231.2
	5	15.7	223.4
	6	15.9	229.2
<p>#8 - 7-21-2-1s-0.1Zn @ 9.9 gal. + N Capsulate @ 1 gal. applied 2X2</p>	1	15.6	225.4
	2	15.9	246.9
	3	15.1	210.3
	4	15.5	223.4
	5	15.7	211.9
	6	15.5	221.7
<p>#9 - IRF Standard Control @ 10 gal./ac. applied 2X2</p>	1	15.9	209.8
	2	16.6	219.1
	3	15.3	210.9
	4	15.7	218.6
	5	15.4	214.7
	6	15.6	218.7
<p>#10 - 7-21-2-1s-0.1Zn + Brandt T applied 2X2 @ 10 gal./ac.</p>	1	16.0	224.4
	2	16.4	241.1
	3	15.3	216.8
	4	15.5	226.0
	5	15.8	225.4
	6	15.6	231.1

PROTOCOL	REP #	Moisture	Total Bushels/ Acre
<p>#11 - <b>Standard 2x2 @ 10 gal./ac.</b> with <b>In-Furrow</b> of  <b>Micronoc SHC @ 1 gal./ac.</b> mixed with <b>4 gal./ac.</b> of <b>water</b>  followed by  <b>Rescue @ 8 oz./ac.</b>  applied Foliar at <b>V4-V5</b>  <b>Applied 6/20/2014</b></p>	1	Please contact Brandon Wright at Sono Ag for results if needed	
	2		
	3		
	4		
	5		
	6		
<p>#12 - <b>Standard 2x2 @ 10 gal./ac.</b>  followed with  <b>Flashguard @ .25 gal./ac.</b>  applied Foliar at <b>V4-V5</b>  <b>Applied 6/20/2014</b></p>	1	16.4	<b>235.2</b>
	2	16.0	<b>246.6</b>
	3	16.2	<b>242.0</b>
	4	15.7	<b>241.8</b>
	5	15.7	<b>226.6</b>
	6	16.1	<b>233.7</b>
<p>#13 - <b>Standard 2x2 @ 10 gal./ac.</b>  followed by  <b>Smart-Trio @ .25 gal./ac.</b>  applied Foliar at <b>V4-V5</b>  <b>Applied 6/20/2014</b></p>	1	16.0	<b>226.1</b>
	2	15.9	<b>238.6</b>
	3	16.0	<b>222.0</b>
	4	15.5	<b>225.9</b>
	5	15.4	<b>219.9</b>
	6	16.0	<b>238.3</b>
<p>#14 - <b>Standard 2x2 @ 10 gal./ac.</b>  followed by  <b>Smart-Trio Plus @ .25 gal./ac.</b>  applied Foliar at <b>V4-V5</b>  <b>Applied 6/20/2014</b></p>	1	16.0	<b>228.4</b>
	2	15.6	<b>235.2</b>
	3	15.8	<b>219.8</b>
	4	15.6	<b>225.7</b>
	5	15.4	<b>211.6</b>
	6	15.6	<b>228.4</b>
<p>#15 - <b>Standard 2x2 @ 10 gal./ac.</b>  followed by  <b>Intraphos @ 1 gal./ac.</b>  applied Foliar at <b>V4-V5</b>  <b>Applied 6/20/2014</b></p>	1	16.0	<b>225.0</b>
	2	15.7	<b>235.8</b>
	3	15.9	<b>223.4</b>
	4	15.6	<b>227.2</b>
	5	15.3	<b>212.9</b>
	6	16.0	<b>228.2</b>
<p>#16 - <b>Standard 2x2 @ 10 gal./ac.</b>  followed by  <b>N-Boost @ .50 gal./ac.</b>  applied Foliar at <b>V4-V5</b>  <b>Applied 6/20/2014</b></p>	1	16.0	<b>227.6</b>
	2	15.4	<b>238.0</b>
	3	15.5	<b>215.1</b>
	4	15.4	<b>229.1</b>
	5	15.6	<b>214.4</b>
	6	15.5	<b>226.2</b>