



Irrigation Research Foundation - Yuma, CO  
SoilBiotics Individual Testing Corn Trial 1, 2<sup>nd</sup> Year

Population: 34K Applied Water: 6.25 inches  
 Variety: DKS 56-54 Rainfall: 16 inches  
 Planting Date: 4/30/14  
 Harvest Date: 11/2/14

**Application Dates**

Strip-till: 23-0-3-5.7s = 10 gal. @ 4" 3/27/2014  
 Starter 2x2: 22.7-9.1-1.9-1.3s-.05zn @ 18 gal./acre 4/30/2014  
 Through Sprinkler: 32-0-0 @ 10 gal./acre 6/5/2014, 7/4, 7/14, 7/21  
 Herbicide Treatment applied 5/4/2014; Lumax EZ @ 2.7qt./acre; Touchdown Total @ 32oz./acre  
 AMS @ 8.5lbs/100 gal. water; NIS @ 1qt/100 gal. water

App Dates	Protocols	Moisture	YIELD (bu./acre)
	<b>REP 1</b>		
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.1	252.90
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.4	253.60
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.6	251.50
3/27/14 4/30/2014	Dryspread application of (2) Soil Boost @ 200 lbs./acre followed with 2x2 app of (3) Growth Boost @ 1 gal./acre	16.2	240.30
4/30/14	2x2 application of (3) Growth Boost @ 1 gal./ acre	16.1	257.40
7/17/14	Aerial application of 3-18-18 @ 3gal./acre with 40oz. of (6) Growth Supplement and 1pt./of (5) MicroNutrient Boost/acre	16.7	255.40
	<b>REP 1 Control</b>	15.9	226.40
	<b>REP 2</b>		
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.3	255.70
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.4	230.20
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.3	255.80
3/27/14 4/30/2014	Dryspread application of (2) Soil Boost @ 200 lbs./acre followed with 2x2 app of (3) Growth Boost @ 1 gal./acre	16.3	258.10
4/30/14	2x2 application of (3) Growth Boost @ 1 gal./ acre	16	258.00
	<b>REP 2 Control</b>	16	226.40
	<b>REP 3</b>		
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.4	251.00
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.1	250.50
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.6	249.40
3/27/14 4/30/2014	Dryspread application of (2) Soil Boost @ 200 lbs./acre followed with 2x2 app of (3) Growth Boost @ 1 gal./acre	16.1	246.80
4/30/14	2x2 application of (3) Growth Boost @ 1 gal./ acre	16	253.30
	<b>REP 3 Control</b>	16.5	242.20



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### Overview

- This is year 2 of a 3 year study. Same 10 acre plot, multi-block randomized test.
- The test plot was once again done on the same challenging area of the Research Farm as 2013. This year SoilBiotics had the 2<sup>nd</sup> highest yields at the Research Farm.

### SoilBiotics individual Testing Corn – New – North and South, Year 1

### Overview

- This is year 1 of a 3 year study. New 10 acre plot, multi-block randomized test.
- Test performed on another challenging farm at the Research Farm.
- 2013 yield results averaged: 175 Bu/A

Irrigation Research Foundation (IRF) upholds the mission to conserve the quality and quantity of water, Ogallala Aquifer, food production, and enhancement of the socio-economic welfare of the region.

You may obtain more information about the Irrigation Research Foundation at [www.irf-info.com](http://www.irf-info.com)