



Irrigation Research Foundation - Yuma, CO
SoilBiotics Individual Testing Corn Trial 1, 2nd 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

Strip-till: 23-0-3-5.7s = 10 gal. @ 4"

Starter 2x2: 22.7-9.1-1.9-1.3s-.05zn @ 18 gal./acre

Through Sprinkler: 32-0-0 @ 10 gal./acre

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

Application Dates

3/27/2014

4/30/2014

6/5/2014, 7/4, 7/14, 7/21

App Dates	Protocols	Moisture	YIELD (bu./acre)
REP 1			
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
7/17/2014	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
	REP 1 Control	15.9	226.40
REP 2			
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
	REP 2 Control	16	226.40
REP 3			
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
	REP 3 Control	16.5	242.20



Irrigation Research Foundation – Yuma, CO

SoilBiotics Individual Testing Corn Trial 1 & 2, 2nd Year

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 2nd highest yields at the Research Farm.

Summary

- Brought average yield up two consecutive years.

Irrigation Research Foundation – Yuma, CO

SoilBiotics individual Testing Corn Trial – New – North and South

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

Summary

- Saw 26.74 bushel per acre increase

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.

Population: 34K Applied Water: 8 inches
Variety: DKS 56-54 Rainfall: 16 inches
Planting Date: 4/30/14
Harvest Date: 11/2/14

Strip-till: 23-0-3-5.7s = 10 gal. @ 4"

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Through Sprinkler: 32-0-0 @ 10 gal./acre

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REP 1			
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.4	252.60
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.2	252.90
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.2	251.20
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	16.4	250.70
4/30/14	2x2 application of (3) Growth Boost @ 1 gal./ acre	16.7	252.30
7/17/2014	Aerial application of 3-18-18 @ 3gal./acre with 40oz. of (6) Growth Supplement and 1pt./of (5) MicroNutrient Boost /acre	16.1	245.60
	REP 1 Control	16.1	231.30
REP 2			
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.1	255.00
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.3	253.30
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.1	255.20
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	251.30
4/30/14	2x2 application of (3) Growth Boost @ 1 gal./ acre	16.2	250.80
	REP 2 Control	16.6	236.10
REP 3			
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.3	250.90
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.2	249.40
3/27/14	Dryspread application of (2) Soil Boost @ 200 lbs./acre	16.3	247.60
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	250.50
4/30/14	2x2 application of (3) Growth Boost @ 1 gal./ acre	16.1	249.50
	REP 3 Control	16	239.40