



## 2012 Corn Results

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

Population: 32,500  
Variety: DKC 56-55

Planted: 5/7/12  
Harvested: 10/18/12

Starter: 15-20-0-2s-.027Zn@18gal./acre  
Strip-Till 19-13-0 (Analysis) Applied 10gal @ 4" + 13gal @ 10"  
48.3-31.8.0 (actual)  
Through Sprinkler 32-0-0 7gal/acre  
10gal/acre

Application Date  
5/7/2012  
3/31/2012  
5/29 6/5  
6/14 6/26 7/5

Applied Water - 18.10"

### Herbicide Treatment

4/18/12

**Pre Plant Treatment** - Degree Xtra @ 2.9 qt./acre Round up @ 32 oz./acre AMS @ 17lbs./100 gal. water and NIS @ 1qt./100 gal. water/acre

6/17/12

**Post Plant Treatment** - Round-up @ 32oz./acre Status @ 5oz./acre AMS @ 17lbs./100 gal. water and NIS @ 1qt./100 gal. water/acre

### Insecticide Treatments

7/19/12 Oberon @ 5 oz./

## Results

### Test

6/6/12  
6/11/12  
7/13/12

PGS @ 32oz/ac @V-4  
Liquid Calcium at 3gal/ac @ V-6 injected through system  
C4 Aerial applied @ 16oz /ac applied at white silk

### Control

No Treatments

Moisture/Test Weight

14.9/59

Yield

192.94

Test Results

Moisture/Test Weight

14.9/59

Yield

243.48

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**Total Yield Increase for U.S. Ag Products  
50.54 bushel acre!**



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## 2013 Corn Program

### *Based on the Irrigation Research Foundation Results*

The 2012 documented studies performed by the Irrigation Research Foundation proved once again the outstanding performance of our products. This year our program beat the control by over 50bu an acre! Based on these results we have produced the following recommended corn program to maximize your crop this year.



**HA-12**

**Starter apply in the row on the seed 1 gallon HA-12 & 32 oz PGS with any needed NPK.**

HA-12 is a nutrient rich germinator formulated to provide an excellent source of nutrition for the early stages of plant development.

**P.G.S.**

**Foliar feed 32 ounces of P.G.S. at the V-4 stage.**

PGS is a essential growth hormone based product that provides tremendous plant fertility.

**Liquid**



**Calcium**

**Broadcast apply 3 gallons per acre Liquid Calcium at V-6 stage with any needed nitrogen.**

Calcium is a vital component needed for cell wall strength and overall plant development.



**Foliar feed 16-24 ounces C4 at white silk.**

C4 is our best selling product for it's unrivaled performance boosting fertility and ability to raise chemical efficiency when applied with chemical.

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**The use of these products in the 2012 Test at the then \$7/corn prices created \$300 more profit per acre versus the control!**