



**Irrigation  
Research  
Foundation**

40161 Highway 59 Yuma, CO 80759

[www.irf-info.com](http://www.irf-info.com)

# Amway

# 2018

## IRRIGATED CORN TRIALS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/9/2018

**FIELD:** B SE 1/4 **HARVEST DATE:** 10/28/2018  
**VARIETY:** LG 5548 STX RIB **POPULATION:** 34K  
**PREVIOUS CROP:** Corn

**APPLICATION DATE**

**DMI STRIP-TILL:** (Analysis) 4 - 8 - 1 - 4.6s applied at 10 gal./A @ 4" and 13 gal./A @ 10" 3/29/2018

**2x2 STARTER FERTILIZER:** (Analysis) 16 - 9 - 3 - 2.6s - .1zn applied at 18 gal./A. 5/9/2018

**THROUGH REINKE SPRINKLER:**

28 - 0 - 0 - 5 @ 5 gal./A	5/27/2018
28 - 0 - 0 - 5 @ 10 gal./A	6/13/2018
28 - 0 - 0 - 5 @ 5 gal./A	7/2/2018
28 - 0 - 0 - 5 @ 7.5 gal./A	7/6/2018
28 - 0 - 0 - 5 @ 2.5 gal./A	7/9/2018
28 - 0 - 0 - 5 @ 6 gal./A	7/17/2018
28 - 0 - 0 - 5 @ 6 gal./A	7/20/2018
28 - 0 - 0 - 5 @ 6 gal./A	7/24/2018

**APPLIED WATER:** 13.50 inches **RAINFALL:** 12.32 inches

**RAINFALL by MONTH:** May - 2.33", June - 5.91", July - .63", August - 1.89", September - .47", October - 1.4"

**GROUND SPRAY APPLICATIONS:** ACURON @ 1.5 qt./A + ROUNDUP POWERMAX @ 32 oz./A + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal. 5/16/2018  
 HALEX GT @ 2.6 pt./A + ROUNDUP POWERMAX @ 32 oz./A + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal. 6/12/2018

**SPECIAL SEASONAL NOTES:** **HAIL EVENT: June 6th - baseball sized hail with 3.19" of rainfall and 60 mph wind gusts resulting in significant crop injury, and loss of plant stand.**

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.

For weather information please go to [www.coagmet.com](http://www.coagmet.com), monthly summaries, select the month, year and the Yuma station.

PROTOCOL	MOISTURE	BUSHEL PER ACRE
<b>STANDARD IRF 2 x 2 STARTER FERTILIZER</b> at planting + <b>FOLIAR APPLICATION: NUTRIPLANT AG</b> @ 16 fl. oz./A. APPLIED 6/19/2018	17.4	260.4
<b>CONTROL</b> <b>STANDARD IRF 2 x 2 STARTER FERTILIZER</b> at planting	16.3	239.4