

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, monthly summaries, select the month, year and the Yuma station.

PROTOCOL	MOISTURE	BUSHEL PER ACRE
NUTRIPLANT SL @ 8 fl. oz./A. with WATER @ 4 gal./A. applied IN-FURROW + STANDARD IRF 2 x 2 STARTER FERTILIZER at planting	17.1	243.4
NUTRIPLANT SL @ 8 fl. oz./A. with WATER @ 4 gal./A. applied IN-FURROW + STANDARD IRF 2 x 2 STARTER FERTILIZER at planting + FOLIAR APPLICATION: NUTRIPLANT AG @ 16 fl. oz./A. APPLIED 6/19/2018	17.8	252.9
CONTROL STANDARD IRF 2 x 2 STARTER FERTILIZER at planting	16.3	239.4