



40161 Highway 59 Yuma, CO 80759
www.irf-info.com

ROYAL-GROW

2018 IRRIGATED CORN TRIALS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/9/2018

HARVEST DATE: 10/28/2018

FIELD: B SE 1/4
 VARIETY: LG 5548 STX RIB
 POPULATION: 34K
 PREVIOUS CROP: Corn

DMI STRIP-TILL:	(Analysis) 4 - 8 - 1 - 4.6s applied at 10 gal./A @ 4" and 13 gal./A @ 10"	APPLICATION DATE	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
STANDARD IRF 2 x 2 at planting + ROYAL-GROW FOLIAR APPLICATION: ENZYME MAX @ 16 oz./ac. APPLIED 6/19/2018	16.9	238.3
CONTROL	17.1	215.0