



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



2018

www.agxplore.com

IRRIGATED CORN TRIALS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/1/2018

HARVEST DATE: 10/26/2018

FIELD: A SE 1/4
 VARIETY: G03C84-5122
 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" 3/30/2018
2x2 STARTER FERTILIZER: (Analysis) 16 - 9 - 3 - 2.6s - .1zn applied at 18 gal./A 5/1/2018

100% UAN

25% LESS UAN

THROUGH REINKE SPRINKLER:	100% UAN	25% LESS UAN	APPLICATION DATE
	28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	5/29/2018
	28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	6/15/2018
	28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	7/2/2018
	28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	7/11/2018

APPLIED WATER: 12.75 inches

RAINFALL: 14.57 inches

RAINFALL by MONTH: May - 4.27", 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. 5/9/2018

HALEX GT @ 2.6 pt./A + ROUNDUP POWERMAX @ 32 oz./A + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal. 6/6/2018

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.

PIVOT INJECTION PROTOCOL							
NZONE MAX		CONTROL		NZONE MAX		CONTROL	
@ 1 qt./2000 lbs. with		STANDARD IRF PROGRAM is		@ 1 qt./2000 lbs. with		25% LESS UAN is	
28 - 0 - 0 - 5 @ 10 gal./ac. at each application				28 - 0 - 0 - 5 @ 7.5 gal./ac. at each application			
Application dates: 5/29, 6/15, 7/2 & 7/11				Application dates: 5/29, 6/15, 7/2 & 7/11			
100% UAN APPLICATION TOTAL = 40 gal./acre				25% LESS UAN APPLICATION TOTAL = 30 gal./acre			
MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE
BLOCK AVERAGE		BLOCK AVERAGE		BLOCK AVERAGE		BLOCK AVERAGE	
16.1	231.8	16.2	219.6	16.1	216.7	16.0	208.8
17.6	238.9	17.4	230.9	18.4	198.0	17.1	213.4
16.7	207.5	16.7	225.0	17.4	212.7	17.0	218.4
17.2	221.0	16.5	235.7	16.9	206.6	16.5	209.2
16.2	235.6	17.6	211.9	16.8	217.2	15.9	202.7
16.5	232.8	16.6	220.9	15.7	219.1	16.2	214.8
15.9	232.6	15.7	236.5	16.0	215.4	15.5	218.6
15.9	232.2	16.0	238.3	15.5	217.8	15.7	210.0
15.8	242.2	15.8	234.0	15.6	222.4	13.7	182.9
15.9	233.7	16.6	222.4	15.1	225.4	END OF DATA	
15.6	237.6	15.6	216.8	15.3	222.7		
15.6	228.8	15.9	220.2	15.6	231.6		
15.3	238.1	15.4	208.7	15.5	211.9		
15.8	234.5	15.5	153.2	END OF DATA			
15.4	234.6	END OF DATA					
15.3	227.1						

CONTROL

STANDARD IRF PROGRAM is

28 - 0 - 0 - 5 @ 7.5 gal./ac. at each application

Application dates: 5/29, 6/15, 7/2 & 7/11

25% LESS UAN APPLICATION TOTAL = **30** gal./acre

**BUSHEL PER
ACRE**

BLOCK AVERAGE

208.8

213.4

218.4

209.2

202.7

214.8

218.6

210.0

182.9

END OF DATA

END OF DATA

END OF DATA

227.1