



**Irrigation
Research
Foundation**

40161 Highway 59 Yuma, CO 80759

www.irf-info.com

**Golden
Harvest®**

2018

syngenta

www.syngenta-us.com

IRRIGATED CORN SEED VARIETY TRIALS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/7/2017

HARVEST DATE: 10/23/2018

FIELD: C SW 1/4
POPULATION: VARIABLE RATES
PREVIOUS CROP: CORN

APPLICATION DATE

<u>DMI STRIP-TILL:</u>	(Analysis) 4 - 8 - 1 - 4.6s applied at 10 gal./A @ 4" and 13 gal./A. @ 10"	3/27/2018
2x2 STARTER FERTILIZER:	(Analysis) 16 - 9 - 3 - 2.6s - .12n applied at 18 gal./A.	5/7/2018
<u>THROUGH REINKE SPRINKLER:</u>	28 - 0 - 0 - 5 @ 10 gal./A	5/27/2018
<u>FUNGICIDE APPLIED:</u>	TRIVAPRO A @ 4.1 oz./ac. + TRIVAPRO B @ 10.5 oz./A.	6/2/2018
	28 - 0 - 0 - 5 @ 10 gal./A	6/16/2018
	28 - 0 - 0 - 5 @ 10 gal./A	7/3/2018
	28 - 0 - 0 - 5 @ 10 gal./A	7/15/2018
<u>FUNGICIDE APPLIED:</u>	TRIVAPRO A @ 4.1 oz./ac. + TRIVAPRO B @ 10.5 oz./A.	7/17/2018
	28 - 0 - 0 - 5 @ 10 gal./A	7/20/2018

APPLIED WATER: 13.95 inches

RAINFALL: 12.32 inches

RAINFALL by month: May - 2.33", June - 5.91", July - .63", August - 1.89", September - .47", October - 1.09"

GROUND SPRAY APPLICATIONS:	ACURON @ 1.25 qt./A. + ROUNDUP POWERMAX @ 32 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.	5/16/2018
	ACURON @ 1.25 qt./A. + ROUNDUP POWERMAX @ 32 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.	6/15/2018

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.

SEED VARITIES AT VARIABLE RATE PLANTING POPULATIONS

	34K POPULATION		30K POPULATION		24K POPULATION	
	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE
G90Y04-3220A-EZ1	15.1	193.5	15.2	211.5	15.4	204.7
G95D32-3220-EZ1	16.1	196.3	16.3	222.1	16.1	204.1
G95P13-3110	15.2	169.9	15.3	195.9	15.3	176.9
G96V99-3120-EZ1	14.9	192.5	15.2	237.5	15.9	228.0
G97N86-5222-EZ1	15.2	213.8	15.5	232.3	15.8	222.9
G98B71-3010	15.2	170.3	15.4	217.7	15.9	211.0
G98L17-3000GT	14.5	199.2	15.0	221.7	14.7	213.1
G00H12-3010	15.6	221.6	16.5	233.0	16.4	212.1
G01P52-3122A-EZ1	15.3	213.1	15.4	222.6	15.5	203.4
G01D24-3120-EZ1	14.9	221.8	15.3	228.2	15.5	220.0
G03C84-3120-EZ1	15.6	233.3	15.8	229.5	15.6	220.2
G04S19-3010	15.7	231.2	16.0	235.6	16.0	227.9
G05K08-3010A	15.1	223.2	15.6	235.0	16.0	224.5
G06Q68-3220-EZ1	17.0	233.8	17.0	232.4	16.9	215.4
G07F23-3111	16.3	229.1	16.1	223.7	16.4	229.3
G08M20-3010	15.4	228.0	16.0	222.2	16.1	218.6
G09Y24-3220A-EZ1	16.2	214.0	17.1	231.4	17.5	235.4
G10S30-3220-EZ1	15.8	219.0	16.4	237.6	17.0	240.5
G11A33-3111	17.3	220.3	17.5	228.9	17.9	228.9
G11F16-5222A-EZ1	16.6	210.4	16.4	225.9	17.1	225.5
G11B63-3010A	17.4	215.3	17.9	245.7	17.4	241.4
G12W66-3000GT	17.4	204.2	18.5	191.6	17.7	208.6
G13N18-3111	17.0	230.8	17.7	244.8	18.1	223.3
G13T41-3010	17.2	219.6	17.9	222.2	18.7	215.0
G13Z50-3110	16.0	226.2	16.3	229.2	16.9	228.0
G14V04-3000GT	18.7	210.1	19.0	223.7	20.3	215.0
G15Q98-3000GT	18.8	226.0	19.6	231.6	19.2	228.5
G18D87-3111	20.0	223.2	19.7	230.7	20.7	206.5
G18H82-3111	18.0	228.6	18.4	232.2	18.7	214.6
G11F16-5222A-EZ1	16.5	232.3	16.5	237.7	17.0	245.2
G11F16-3111A	16.0	248.9	15.8	246.9	15.9	245.2
P0506AM	15.6	257.9	15.2	262.4	15.4	263.5