



**Irrigation
Research
Foundation**

40161 Highway 59 Yuma, CO 80759

www.irf-info.com



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

DMI STRIP-TILL: (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 - .1zn applied at 18 gal./A. 5/7/2018

THROUGH REINKE SPRINKLER: 28 - 0 - 0 - 5 @ 10 gal./A 5/27/2018

FUNGICIDE APPLIED: 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

FUNGICIDE APPLIED: 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		30K		24K	
	POPULATION		POPULATION		POPULATION	
	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE
NK9227-3220A	15.1	193.5	15.2	211.5	15.4	204.7
NK9535-3220	16.1	196.3	16.3	222.1	16.1	204.1
NK9505-3110	15.2	169.9	15.3	195.9	15.3	176.9
NK9659-3120	14.9	192.5	15.2	237.5	15.9	228.0
NK9738-5222	15.2	213.8	15.5	232.3	15.8	222.9
NK9852-3010	15.2	170.3	15.4	217.7	15.9	211.0
NK9813-3000GT	14.5	199.2	15.0	221.7	14.7	213.1
NK0199-3122A	15.3	213.1	15.4	222.6	15.5	203.4
NK0142-3120	14.9	221.8	15.3	228.2	15.5	220.0
NK0330-3120	15.6	233.3	15.8	229.5	15.6	220.2
NK0440-3010	15.7	231.2	16.0	235.6	16.0	227.9
NK0624-3220	17.0	233.8	17.0	232.4	16.9	215.4
NK0602-3010	15.8	237.8	16.2	236.1	16.1	235.5
NK0760-3111	16.3	229.1	16.1	223.7	16.4	229.3
NK0886-3010	15.4	228.0	16.0	222.2	16.1	218.6
NK0962-3220A	16.2	214.0	17.1	231.4	17.5	235.4
NK1094-3220	15.8	219.0	16.4	237.6	17.0	240.5
NK1191-3111	17.3	220.3	17.5	228.9	17.9	228.9
NK1103-5222A-EZ1	16.6	210.4	16.4	225.9	17.1	225.5
NK1284-3000GT	17.4	204.2	18.5	191.6	17.7	208.6
NK1364-3111	17.0	230.8	17.7	244.8	18.1	223.3
NK1354-3110	16.0	226.2	16.3	229.2	16.9	228.0
NK1433-3000GT	18.7	210.1	19.0	223.7	20.3	215.0
NK1584-3000GT	18.8	226.0	19.6	231.6	19.2	228.5
NK1808-3111	20.0	223.2	19.7	230.7	20.7	206.5
NK1822-3111	18.0	228.6	18.4	232.2	18.7	214.6
NK1103-5222A-EZ1	16.5	232.3	16.5	237.7	17.0	245.2
NK1103-3111A	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