



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

NACHURS®



2017

www.nachurs.com

IRRIGATED CORN TRIALS

FIELD: E
 BULK VARIETY: DKC 54-38
 POPULATION: 34K

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/2/2017

HARVEST DATE: 10/23/2017

APPLICATION DATE

DMI STRIP-TILL: (Analysis) 9.6 - 17 - 3s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10" 3/21/2017
2x2 STARTER FERTILIZER: (Analysis) 16 - 9 - 0 - 3 s - .1 Zn - CONTROL ONLY 5/2/2017

THROUGH REINKE SPRINKLER: 28 - 0 - 0 - 5 @ 10 gal./ac. 5/26/2017
 28 - 0 - 0 - 5 @ 10 gal./ac. 6/14/2017
 28 - 0 - 0 - 5 @ 10 gal./ac. 6/22/2017
 28 - 0 - 0 - 5 @ 10 gal./ac. 7/3/2017
 28 - 0 - 0 - 5 @ 10 gal./ac. 7/12/2017

WEST HALF ONLY PROTOCOL AQUA-TECH 7-20-4 @ 1.5 gal./ac. + NACHURS K-FUEL @ .5 gal./ac. 7/15/2017
 OBERON 4sc @ 5 oz./ac. 8/20/2017

APPLIED WATER: 11.31 inches RAINFALL: 14.44 inches

RAINFALL by Month: May = 2.22", June = 2.74", July = 4.3", August = 2.58", September = 2.07", October = .53"

GROUND SPRAY APPLICATIONS: ACURON @ 1.5 qt./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. + NIS @ 1 qt./100 gal. + AMS @ 1 qt./100 gal. 5/15/2017
 HALEX GT @ 2.6 pt./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. + NIS @ 1 qt./100 gal. + AMS @ 1 qt./100 gal. 6/5/2017

PROTOCOL	AQUA-TECH 7-20-4 @ 1.5 gal./ac. + NACHURS K-FUEL @ .5 gal./ac. NO 28-0-0-5 APPLIED 7/15/2017		AVERAGE		STANDARD IRF FERTIGATION		AVERAGE	
	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE
RHYZO-LINK 3-10-13 @ 3.25 gal./ac. APPLIED IN-FURROW + WATER @ 18 gal./ac. APPLIED 2x2	12.7	237.5	12.9	239.3	13.2	249.7	13.3	244.8
	12.6	233.8			13.1	242.9		
	13.5	246.7			13.6	241.9		
RHYZO-LINK 9-15-3 @ 5 gal./ac. APPLIED IN-FURROW + WATER @ 18 gal./ac. APPLIED 2x2	12.5	228.8	12.5	239.4	12.9	238.9	12.9	243.3
	12.4	237.7			12.9	237.6		
	12.7	251.8			12.9	253.3		
NACHURS IMPULSE @ 5 gal./ac. APPLIED IN-FURROW + WATER @ 18 gal./ac. APPLIED 2x2	12.6	245.5	13.0	250.1	12.7	244.5	13.0	236.3
	12.9	242.2			13.2	233.8		
	13.5	262.7			13.2	230.7		

PROTOCOL	AQUA-TECH 7-20-4 @ 1.5 gal./ac. + NACHURS K-FUEL @ .5 gal./ac. NO 28-0-0-5 APPLIED 7/15/2017		AVERAGE		STANDARD IRF FERTIGATION		AVERAGE	
	MOISTURE	AVERAGE BUSHEL PER ACRE	MOISTURE	AVERAGE BUSHEL PER ACRE	MOISTURE	AVERAGE BUSHEL PER ACRE	MOISTURE	AVERAGE BUSHEL PER ACRE
NACHURS IMPULSE @ 4.0 gal./ac. APPLIED IN-FURROW + RHYZO-LINK 0-0-15-5S @ 1 gal./ac. + WATER @ 18 gal./ac. APPLIED 2x2	12.4	233.0	12.8	242.6	13.1	243.7	13.1	232.5
	12.7	242.1			12.6	220.5		
	13.3	252.8			13.5	233.4		
NACHURS IMPULSE @ 4.75 gal./ac. + NACHURS CROPMAX 1 qt./ac. + WATER @ 18 gal./ac. APPLIED 2x2	12.3	228.1	12.6	236.3	12.8	245.6	12.7	236.2
	12.5	245.5			12.5	231.0		
	13.1	235.3			12.9	231.9		
NACHURS IMPULSE @ 5.0 gal./ac. APPLIED IN-FURROW + WATER @ 18 gal./ac. APPLIED 2x2 NACHURS FINISH LINE @ 1 qt./ac. FOLIAR APPLIED 6/20/2017	12.3	231.2	12.9	247.1	12.9	251.6	12.8	250.8
	13.2	263.6			12.6	242.6		
	13.1	246.5			13.0	258.2		
NACHURS IMPULSE @ 5.0 gal./ac. APPLIED IN-FURROW + WATER @ 18 gal./ac. APPLIED 2x2 NACHURS FINISH LINE @ 1 qt./ac. FOLIAR APPLIED 6/20/2017 RHYZO-LINK LF @ 1 qt./ac. FOLIAR APPLIED 6/27/2017	12.4	241.0	12.9	249.2	12.9	242.7	13.1	247.8
	13.2	261.8			13.1	246.7		
	13.2	244.7			13.3	254.0		
CONTROL STANDARD IRF 2X2 @ 8 gal./ac. + WATER @ 10 gal./ac.	12.8	236.5	12.6	221.3	13.1	215.6	13.3	210.5
	12.6	212.7			13.2	224.7		
	12.4	214.7			13.7	191.3		

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](http://www.coagmet.com), [monthly summaries](#), [select the month, year and the Yuma station](#).