



**Irrigation  
Research  
Foundation**

40161 Highway 59 Yuma, CO 80759

[www.irf-info.com](http://www.irf-info.com)

# NACHURS<sup>®</sup>



**2018**

[www.nachurs.com](http://www.nachurs.com)

**IRRIGATED CORN TRIALS**

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/8/2018

**FIELD:** E  
**VARIETY:** DKC 56-45  
**POPULATION:** 34K  
**PREVIOUS CROP:** Corn

**HARVEST DATE:** 10/27/2018

**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 SEE PROTOCOL 5/8/2018

**THROUGH REINKE SPRINKLER:** 28 - 0 - 0 - 5 @ 10 gal./A 5/31/2018  
28 - 0 - 0 - 5 @ 10 gal./A 6/29/2018  
28 - 0 - 0 - 5 @ 10 gal./A 7/2/2018  
28 - 0 - 0 - 5 @ 10 gal./A 7/13/2018  
28 - 0 - 0 - 5 @ 10 gal./A 7/20/2018

**APPLIED WATER:** 12 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. 6/6/2018

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

<div> <div>PROTOCOL</div> </div>	<div>APPLIED THROUGH THE PIVOT</div>							
	<div> <div>NACHURS K-FUEL 0 - 0 - 24</div> <div>@ 0.5 gal./ac. +</div> <div>28 - 0 - 0 - 5 @ 10 gal./A. applied on</div> <div>5/31, 6/29, 7/2, 7/13 &amp; 7/20</div> </div>				<div> <div>STANDARD IRF FERTIGATION</div> <div>28 - 0 - 0 - 5 @ 10 gal./A. applied on</div> <div>5/31, 6/29, 7/2, 7/13 &amp; 7/20</div> </div>			
	by REP		AVERAGE		by REP		AVERAGE	
GROUND APPLICATIONS	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE	MOISTURE	BUSHEL PER ACRE
<div> <div>NACHURS K-FUSE 6-0-12</div> <div>@ 1.5 gal./ac. + Starter Fertilizer @ 10 gal./ac. +</div> <div>WATER @ 6.5 gal./ac. APPLIED 2 x 2</div> </div>	14.6	253.4	14.4	248.6	13.4	256.2	13.4	215.7
	14.6	231.9			13.3	195.7		
	14.0	260.5			13.5	195.3		
<div> <div>NACHURS RHYZO-LINK 0-0-15</div> <div>@ 1.5 gal./ac. + Starter Fertilizer @ 10 gal./ac.</div> <div>WATER @ 6.5 gal./ac. APPLIED 2 x 2</div> </div>	14.5	220.6	14.0	237.3	13.4	227.7	13.4	220.8
	13.7	248.8			13.3	220.4		
	13.8	242.5			13.4	214.4		
<div> <div>NACHURS RHYZO-LINK 3-10-13</div> <div>@ 3.25 gal./ac. APPLIED IN-FURROW +</div> <div>WATER @ 18 gal./ac. APPLIED 2X2</div> </div>	14.0	248.3	13.9	249.7	12.8	232.4	13.5	221.0
	13.7	271.2			13.2	232.4		
	14.1	229.5			14.4	198.3		
<div> <div>NACHURS IMPULSE 10-18-4</div> <div>@ 5 gal./ac. APPLIED IN-FURROW +</div> <div>WATER @ 18 gal./ac. APPLIED 2X2</div> </div>	13.9	241.0	13.8	234.4	13.5	201.0	13.5	186.1
	14.1	234.1			13.0	170.2		
	13.5	228.1			13.9	187.2		
<div> <div>CONTROL</div> <div>STARTER FERTILIZER @ 10 gal./ac. +</div> <div>WATER @ 8 gal. APPLIED 2 x 2</div> </div>	13.6	216.9	13.4	223.6	13.4	216.3	13.3	195.4
	13.2	222.1			13.3	196.9		
	13.4	231.8			13.2	173.1		