



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



2017

www.agxplore.com

IRRIGATED CORN TRIALS

FIELD: A SE 1/4
 VARIETY: DKC 54-38
 POPULATION: 34K

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/5/2017

HARVEST DATE: 10/26/2017

APPLICATION DATE

DMI STRIP-TILL: (Analysis) 9.6 - 17 - 3s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10" 3/22/2017
2x2 STARTER FERTILIZER: (Analysis) 16 - 9 - 0 - 3 s - .1 Zn @ 18 gal./ac. 5/5/2017

THROUGH REINKE SPRINKLER: **100% UAN** **25% LESS UAN**

28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	5/30/2017
28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	6/21/2017
28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	6/29/2017
28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	7/9/2017
28 - 0 - 0 - 5 @ 10 gal./ac.	28 - 0 - 0 - 5 @ 7.5 gal./ac.	7/15/2017
Miticide application: OBERON 4sc @ 5 oz./ac.	OBERON 4sc @ 5 oz./ac.	7/28/2017

APPLIED WATER: 14.95 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. 5/17/2017
 HALEX GT @ 2.6 pt./ac. + ROUNDUP WEATHERMAX @ 32 oz./ac. + NIS @ 1 qt./100 gal. + AMS @ 1 qt./100 gal. 6/6/2017

PROTOCOL

PROTOCOL							
100 % UAN				25% LESS UAN			
28 - 0 - 0 -5 @ 10 gal./ac. through Reinke Pivot 5/30/2017, 6/21/2017, 6/29/2017, 7/9/2017 & 7/15/2017				28 - 0 - 0 -5 @ 7.5 gal./ac. through Reinke Pivot 5/30/2017, 6/21/2017, 6/29/2017, 7/9/2017 & 7/15/2017			
NZONE MAX @ 1 qt./2000 lbs.		CONTROL		NZONE MAX @ 1 qt./2000 lbs.		CONTROL	
MOISTURE	AVERAGE BUSHEL PER ACRE	MOISTURE	AVERAGE BUSHEL PER ACRE	MOISTURE	AVERAGE BUSHEL PER ACRE	MOISTURE	AVERAGE BUSHEL PER ACRE
BLOCK AVERAGE		BLOCK AVERAGE		BLOCK AVERAGE		BLOCK AVERAGE	
14.2	262.2	14.3	254.8	14.2	260.8	14.4	255.7
14.3	246.1	14.4	275.0	14.9	253.4	16.2	259.1
14.3	246.8	14.5	247.6	14.1	260.6	13.9	261.6
14.2	269.1	13.9	211.2	14.1	265.4	14.0	255.1
14.3	271.1	14.3	270.7	14.0	265.7	14.0	253.8
14.2	263.2	14.3	271.4	14.0	262.1	13.9	258.2
14.0	259.8	14.4	256.2	14.0	266.8	14.4	246.3
14.1	263.5	14.2	264.2	14.0	258.1	END OF DATA	
14.1	265.6	14.2	258.6	14.1	261.9		
14.0	265.6	14.2	252.8	13.8	257.2		
14.1	266.5	14.3	274.7	14.2	264.3		
14.1	264.2	14.2	266.5	15.0	253.4		
14.1	260.8	14.2	266.7	END OF DATA			
14.1	264.2	14.2	262.3				
14.2	269.0	14.1	261.3				
14.1	257.6	14.3	256.1				
END OF DATA		14.7	237.9				
		14.0	199.1				

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.