



PLANT DRIVEN IRRIGATED CORN TRIALS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/2/2017

HARVEST DATE: 10/25/2016

FIELD:	C SE 1/4	
VARIETY:	G10C45-5122	
POPULATION:	34K	APPLICATION DATE
<u>DMI STRIP-TILL:</u>	(Analysis) 9.6 - 17 - 3s applied 10 gal./ac. @ .	3/23/2017
2x2 STARTER FERTILIZER:	(Analysis) 16 - 9 - 0 - 3 s - .1 Zn @ 18 gal./ac	5/2/2017
<u>THROUGH REINKE SPRINKLER:</u>	28 - 0 - 0 - 5 @ 6 gal./ac.	5/29/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	6/16/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	6/19/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	6/29/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	7/7/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	7/11/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	7/21/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	7/26/2017
	OBERON 4sc @ 5 oz./ac. (Miticide Application)	7/28/2017
<u>RAINFALL:</u>	14.44 inches	
<u>RAINFALL by Month:</u>	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.	6/14/2017

BLOCK 2		BLOCK 3		BLOCK 1	
PLANT DRIVEN AgPhRx EVERY PIVOT ROTATION 20 ROTATIONS completed @ 8 oz./ac. each APPLIED WATER = 12.34"		PLANT DRIVEN AgPhRx EVERY OTHER ROTATION 10 ROTATIONS completed @ 16 oz./ac. each APPLIED WATER = 12.54"		PLANT DRIVEN CONTROL APPLIED WATER = 12.79"	
MOISTURE	AVERAGE BUSHELS PER ACRE	MOISTURE	AVERAGE BUSHELS PER ACRE	MOISTURE	AVERAGE BUSHELS PER ACRE
BLOCK AVERAGE		BLOCK AVERAGE		BLOCK AVERAGE	
15.4	243.1	16.6	248.9	15.2	213.9
15.2	241.8	16.4	246.8	15.8	241.8
15.6	248.5	16.3	256.1	16.2	220.9
15.6	245.6	16.7	253.3	15.8	224.1
15.6	249.4	16.6	254.2	15.3	205.0
15.5	241.2	16.6	241.2	14.8	197.5
15.6	245.8	16.7	241.1	14.4	209.6
15.5	239.4	16.7	249.5	13.9	198.8
15.5	243.1	END OF DATA		END OF DATA	
15.3	243.8				
15.3	239.2				
15.0	236.3				
END OF DATA					

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.