



2017

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IRRIGATED CORN TRIALS

FIELD: Newbanks NE **FARMREIGN PRECISION PLANTER PLANTING DATE:** 5/4/2017
POPULATION: 34K **HARVEST DATE:** 11/15/2017
VARIETY: G10C45-5122

		APPLICATION DATE
DMI STRIP-TILL:	(Analysis) 9.6 - 17 - 3s applied 10 gal./ac. @ 4" and 13 gal./ac. @ 10"	4/6/2017
2x2 STARTER FERTILIZER:	(Analysis) 16 - 9 - 0 - 3 s - .1 Zn @ 18 gal./ac.	5/4/2017
CENTENNIAL AG DRY SPREAD	46 - 0 - 0 * COMPLETED BY VARIABLE RATE APPLICATION	5/26/2017
THROUGH REINKE SPRINKLER:	28 - 0 - 0 - 5 @ 6 gal./ac.	5/31/2017
	28 - 0 - 0 - 5 @ 4 gal./ac.	6/14/2017
	28 - 0 - 0 - 5 @ 4.4 gal./ac.	6/19/2017
	28 - 0 - 0 - 5 @ 3 gal./ac. + PROTOCOL # 3	6/21/2017
	28 - 0 - 0 - 5 @ 3 gal./ac.	6/23/2017
	28 - 0 - 0 - 5 @ 3 gal./ac.	6/25/2017
	28 - 0 - 0 - 5 @ 4 gal./ac. + PROTOCOL # 1 & # 5	6/30/2017
	28 - 0 - 0 - 5 @ 4 gal./ac. + PROTOCOL # 2, # 4 & # 6	7/4/2017
	28 - 0 - 0 - 5 @ 4.5 gal./ac.	7/6/2017
	28 - 0 - 0 - 5 @ 5 gal./ac.	7/9/2017
	28 - 0 - 0 - 5 @ 5.5 gal./ac.	7/11/2017
	28 - 0 - 0 - 5 @ 6 gal./ac.	7/13/2017
	28 - 0 - 0 - 5 @ 6.75 gal./ac.	7/15/2017
	28 - 0 - 0 - 5 @ 3 gal./ac.	7/18/2017
	OBERON @ 5 oz./ac. (Miticide Application)	7/28/2017

APPLIED WATER: 16.54 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 @ 1.26 qt./ac. + RT3 @ 32 oz./ac. + WHEELHOUSE @ .60 qt./ac. + INTERLOCK @ 2 oz./ac. 7/28/2017
 HALEX @ 4 pt./ac. + WHEELHOUSE @ .72 qt./ac. + INTERLOCK @ 2 oz./ac. 8/25/2017

PROTOCOL APPLIED THROUGH THE PIVOT	BLOCK A		BLOCK B		BLOCK C		BLOCK D		AVERAGE	
	MOISTURE	AVERAGE BUSHELS	MOISTURE	AVERAGE BUSHELS	MOISTURE	AVERAGE BUSHELS	MOISTURE	AVERAGE BUSHELS	MOISTURE	AVERAGE BUSHELS
TREATMENT # 1 3-18-18 @ 3 gal./ac. Applied 6/30/2017	16.2	268.4	17.4	240.8	15.5	270.6	16.6	270.3	16.4	262.5
TREATMENT # 2 TKO 410ZnB @ 10 gal./ac. Applied 7/4/2017	16.0	273.5	17.4	251.0	16.0	276.5	17.0	268.1	16.6	267.3
TREATMENT # 3 Proximus @ 1.25 gal./ac. + 28-0-0-5 @ 3 gal./ac. Applied 6/21/2017	15.8	263.0	17.1	253.6	15.5	264.5	16.8	274.4	16.3	263.9
TREATMENT # 4 ViTran @ 12 oz./ac. Applied 7/4/2017	15.9	268.5	17.0	257.4	16.1	275.4	16.3	268.4	16.3	267.4
TREATMENT # 5 10% Liquid Boron @ 1 qt./ac. Applied 6/30/2017	15.9	278.9	17.2	261.9	16.1	273.4	16.5	267.0	16.4	270.3
TREATMENT # 6 N-capsulate @ 1 gal./ac. Applied 7/4/2017	16.3	279.2	16.8	265.0	15.8	274.7	17.1	252.7	16.5	267.9
CONTROL	16.6	264.1	17.1	257.8	16.5	253.4	16.2	257.5	16.6	258.2

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.](#)