

COOPERATOR: Ag Logic		REPORT INFO	
ADDRESS: 15930 330th Street		PLANTING DATE: 5/1/2018	
CITY: Conrad		HARVEST DATE: 10/17/2018	
STATE: Iowa		ROW WIDTH: 30"	
COUNTY: Grundy		COMMENTS:	
PHONE:		TIME OF APPLICATION V-5	
EMAIL:	Healthier Plants. Healthier Profits.		

COMMENTS	COMPANY	HYBRID VARIETY	TEST WEIGHT	# OF ROWS HARVESTED	MOISTURE	HARVESTED GRAIN IN LBS	HARVESTED AREA		YIELD IN BU./A CORN AT 15.5% SOYBEANS AT 13%	Yield Difference +/-
							ROW LENGTH (FT)	WIDTH (IN)		
Check	Channel	207-27	56	8	22.50	2662.00	390.00	240.00	243.48	
Treated	Channel	207-27	56	8	22.50	2726.00	390.00	240.00	249.33	5.85
Check	Channel	209-53	56	16	20.00	5092.00	390.00	480.00	240.38	
Treated	Channel	209-53	56	16	21.00	5462.00	390.00	480.00	254.62	14.24
Check	Channel	213-19	56	16	21.40	5318.00	390.00	480.00	246.65	
Treated	Channel	213-19	56	16	21.30	5420.00	390.00	480.00	251.71	5.06
Check	Channel	203-01	56	4	27.50	1328.00	390.00	120.00	227.26	
Treated	Channel	203-01	56	4	24.50	1318.00	390.00	120.00	234.88	7.62
Check	Channel	205-04	56	4	27.40	1264.00	390.00	120.00	216.60	
Treated	Channel	205-04	56	4	27.50	1272.00	390.00	120.00	217.67	1.07
Check	Pioneer	PO589 AMX	56	4	19.70	1278.00	390.00	120.00	242.23	
Treated	Pioneer	PO589 AMX	56	4	19.70	1308.00	390.00	120.00	247.91	5.68

YIELD CALCULATIONS: CORN (100 - MOISTURE) x (LBS. OF GRAIN) x (110.465) / (STRIP LENGTH IN FEET) / (STRIP WIDTH IN INCHES) = YIELD

SOYBEANS: (100 - MOISTURE) x (LBS. OF GRAIN) x (100.138) / (STRIP LENGTH IN FEET) / (STRIP WIDTH IN INCHES) = YIELD

<u>Tillage Practice</u>		<u>Crop Rotation</u>	<u>Fertilizer/Manure Management (annual total lbs/acre)</u>			<u>Soil/Fungicide Treatments</u>	
No Till		Corn-Soybean	Commercial N rate	180 units	Manure N rate	1	
Strip Till		Corn-Corn yes	Commercial P rate		Manure P rate	2	
Conv. Till	yes	Other	Commercial K rate		Manure K rate	3	
						Trial Location:	Conrad farm

COOPERATOR:	Ag Logic						REPORT INFO	
ADDRESS:	15930 330th Street		PLANTING DATE:	5/8/2018				
CITY:	Conrad		HARVEST DATE:	10/5/2018				
STATE:	Iowa		ROW WIDTH:	30"				
COUNTY:	Grundy		COMMENTS:					
PHONE:			TIME OF APPLICATION:	V-6				
EMAIL:			Healthier Plants. Healthier Profits.					

COMMENTS	COMPANY	HYBRID VARIETY	TEST WEIGHT	# OF ROWS HARVESTED	MOISTURE	HARVESTED GRAIN IN LBS	HARVESTED AREA		YIELD IN BU./A CORN AT 15.5% SOYBEANS AT 13%	Yield Difference +/-
							ROW LENGTH (FT)	WIDTH (IN)		
Check	Channel	2306	59	12	11.3	938	390	360	59.34	
Treated	Channel	2306	59	12	11.3	1068	390	360	67.57	8.23
Check	Channel	2418	59	8	11.3	688	390	240	65.29	
Treated	Channel	2418	59	8	11.3	724	390	240	68.70	3.41
Check	Channel	2017	59	8	11.3	676	390	240	64.15	
Treated	Channel	2017	59	12	11.3	1094	390	360	69.21	5.06
Check	Channel	2406	59	4	11.3	386	390	120	73.26	
Treated	Channel	2406	59	12	11.3	1202	390	360	76.04	2.78
Check	Pioneer	P21A28	59	4	11.3	422	390	120	80.09	
Treated	Channel	P21A28	59	4	11.3	470	390	120	89.20	9.11
Check	Channel	2218	59	4	11.3	440	390	120	83.51	
Treated	Channel	2218	59	4	11.3	448	390	120	85.03	1.52

YIELD CALCULATIONS: CORN (100 - MOISTURE) x (LBS. OF GRAIN) x (110.465) / (STRIP LENGTH IN FEET) / (STRIP WIDTH IN INCHES) = YIELD

SOYBEANS: (100 - MOISTURE) x (LBS. OF GRAIN) x (100.138) / (STRIP LENGTH IN FEET) / (STRIP WIDTH IN INCHES) = YIELD

<u>Tillage Practice</u>	<u>Crop Rotation</u>	<u>Fertilizer/Manure Management (annual total lbs/acre)</u>		<u>Soil/Fungicide Treatments</u>
No Till	Corn-Soybean yes	Commercial N rate	Manure N rate	1
Strip Till	Corn-Corn	Commercial P rate	Manure P rate	2
Conv. Till	Other	Commercial K rate	Manure K rate	3