

TRIAL INFO													
Cooperator	BASF- Klein Farms						BASF MIDWEST RESEARCH FARM						
Address	320 County Rd. 1100 N.												
City, State, Zip	Seymour, IL 61875						Selling Price:						
Phone							Drying Charge:						
County	Champaign												
Plot Type	Hybrid Plot						Pesticide Information						
Harvest Date	9/18/2018						Plot Starts on West Side of Field						
Planting Date	4/30/2018												
Planting Pop	36,500												
Prev Crop	Soybeans												
Tillage Type	Conventional												
Latitude													
Longitude													
						Pre Herbicide 1	Verdict	Rate	10oz	Date			
						Post Herbicide 1	Armezon Pro	Rate	18oz	Date			
						Post Herbicide 2	Glyphosate	Rate	22oz	Date			
						Post Herbicide 3	Atrazine	Rate	1#	Date			
						Foliar Insecticide		Rate		Date			
						Foliar Fungicide	Headline Amp	Rate	10oz	Date			

Grow Smart™



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We create chemistry

2018 Corn Harvest Report

Entry No.	Brand	Variety	Traits	RM	Soil Insecticide	Fungicide	Harvest Weight	Harvest Moist %	Row Width	Row Length	# Rows	Bu/Acre @ 15% mst	Fungicide Delta	Notes
1	FS	57ZX1	STX	107		x	1850	16.5	30	296	8	238.8	-2.7	
							1650	16.5	30	261	8	241.5		
2	Croplan	4895	STX	108		x	2040	18.1	30	296	8	258.3	1.2	
							1780	17.6	30	261	8	257.1		
3	Croplan	X18108	STX	111		x	2050	18.2	30	296	8	259.2	-3.4	
							1820	17.7	30	261	8	262.6		
4	Burrus	4A67	HP4	109	x	x	2050	18.6	30	296	8	258.0	-0.2	
							1820	19.1	30	261	8	258.1		
5	Burrus	X4X34	HP6	109		x	1970	16.7	30	296	8	253.7	-6.2	
							1790	17.2	30	216	8	259.8		
6	Channel	209-15	STX	109		x	2090	18.0	30	296	8	264.9	2.4	
							1840	18.6	30	261	8	262.6		
7	Croplan	4997	VT2P	109	x	x	2020	17.9	30	296	8	256.4	-6.6	
							1820	17.6	30	261	8	262.9		
8	Pioneer	0977	AM	109	x	x	2080	18.7	30	296	8	261.4	4.5	
							1820	19.5	30	216	8	256.9		
9	Check	64-34	STX	114		x	2070	19.5	30	296	8	257.6	7.5	
							1790	20.3	30	261	8	250.1		
10	Check	64-34	STX	114		x	2160	20.7	30	296	8	264.8	13.9	
							1800	20.5	30	261	8	259.9		
11	Wyffels	5518	STX	109		x	2090	18.3	30	296	8	264.0	16.4	
							1720	17.9	30	261	8	247.6		
12	Channel	210-79	STX	110		x	2130	17.8	30	296	8	270.7	10.0	
							1820	18.3	30	261	8	260.7		
13	DKC	60-87	STX	110		x	2110	18.5	30	296	8	265.8	13.8	
							1760	18.3	30	261	8	252.1		
14	FS	60UX1	STX	110		x	2070	18.9	30	296	8	259.5	16.3	
							1700	18.4	30	261	8	243.2		
15	Pioneer	1055	AM	110	x	x	2110	18.9	30	296	8	264.5	15.6	
							1740	18.4	30	261	8	248.9		
16	Pioneer	1197	AM	111	x	x	2200	19.5	30	296	8	273.8	15.6	
							1820	19.1	30	261	8	258.1		
17	Wyffels	6956	VT2P	111	x	x	2110	19.4	30	296	8	262.9	20.5	
							1680	17.7	30	261	8	242.4		
18	Burrus	6Z43	HP4	112	x	x	2150	20.4	30	296	8	264.6	17.8	
							1740	19.1	30	261	8	246.8		
19	Channel	212-20	STX	112		x	2010	19.3	30	296	8	250.7	3.4	
							1700	17.0	30	261	8	247.4		
20	Channel	212-90	STX	112		x	2200	20.9	30	296	8	269.0	4.9	
							1860	19.0	30	216	8	264.1		
21	Croplan	5290	STX	112		x	2080	19.1	30	296	8	260.1	6.6	
							1770	18.3	30	261	8	253.5		
22	DKC	62-52	STX	112		x	2110	19.7	30	296	8	261.9	1.9	
							1800	17.6	30	261	8	260.0		
23	FS	62ZX1	STX	112		x	2090	18.9	30	296	8	262.0	1.2	
							1830	18.7	30	261	8	260.8		
24	Pioneer	1298	AM	112	x	x	2120	19.8	30	296	8	262.8	10.7	
							1780	19.2	30	261	8	252.1		
25	Wyffels	6898	STX	112		x	1940	19.1	30	296	8	242.6	-5.1	
							1740	18.8	30	261	8	247.7		

26	Wyffels	7456	VT2P	112	x	x	2200	20.6	30	296	8	269.8	1.9		
					x		1901	19.9	30	261	8	266.9			
27	Channel	213-19	STX	113		x	2160	19.9	30	296	8	267.5	-3.2		
							1920	19.6	30	261	8	270.6			
28	Croplan	5335	STX	113		x	2610	20.5	30	296	8	265.5	2.2		
							1870	19.7	30	261	8	263.3			
29	Check	64-34	STX	114		x	2280	20.9	30	296	8	278.8	7.4		
							1940	20.2	30	261	8	271.4			
30	Croplan	5370	VT2P	113	x	x	2300	20.6	30	296	8	282.3	11.2		
					x		1950	20.7	30	261	8	271.1			
31	DKC	63-21	STX	113		x	2200	18.6	30	296	8	276.8	9.3		
							1870	18.4	30	261	8	267.5			
32	FS	63ZX1	STX	113		x	2270	21.2	30	296	8	276.5	-0.1		
							1990	20.7	30	261	8	276.6			
33	Pioneer	1366	AM	113	x	x	2230	19.1	30	296	8	278.9	5.4		
					x		1950	20.0	30	261	8	273.5			
34	Wyffles	7578	STX	113		x	2170	19.8	30	296	8	269.0	0.4		
							1920	20.2	30	261	8	268.6			
35	Wyffels	7696	VT2P	113	x	x	2250	19.3	30	296	8	280.7	4.4		
					x		1980	20.4	30	261	8	276.3			
36	Wyffels	7976	VT2P	113	x	x	2100	19.2	30	296	8	262.3	-6.9		
					x		1910	19.6	30	261	8	269.2			
37	DKC	64-34	STX	114		x	2190	18.9	30	296	8	274.6	0.7		
							1950	19.9	30	261	8	273.8			
38	DKC	64-35	VT2P	114	x	x	2170	18.3	30	296	8	274.1	9.5		
					x		1870	19.3	30	261	8	264.6			
38	FS	64SX1	STX	114		x	1990	18.6	30	296	8	250.4	-10.6	Water damage- premature death	
							1870	20.4	30	261	8	259.1			
40	Pioneer	1422	AM	114	x	x	1970	18.8	30	296	8	247.3	-4.7	Water damage- premature death	
					x		1810	20.6	30	261	8	252.0			
41	Wyffels	7888	STX	114		x	2030	19.2	30	296	8	253.6	-5.6	Water damage- premature death	
							1930	20.4	30	261	8	259.1			
42	Burrus	4A67	HP4	115	x	x	2170	20.6	30	296	8	266.3	-3.0	Water damage- premature death	
					x		2010	20.8	30	261	8	269.3			
43	Channel	215-75	STX	115		x	2170	19.5	30	296	8	270.0	-9.1	Water damage- premature death	
							1990	19.8	30	261	8	279.1			
44	DKC	65-94	STX	115		x	2110	19.9	30	296	8	261.3	-18.5	Water damage- premature death	
							1970	20.4	30	261	8	279.8			
45	Channel	216-36	STX	116		x	2110	19.4	30	296	8	262.9	-11.3	Water damage- premature death	
							1980	21.0	30	261	8	274.2			
46	Croplan	5678	VT2P	116	x	x	2120	20.1	30	296	8	261.8	-15.4	Water damage- premature death	
					x		2020	21.7	30	261	8	277.3			
47	DKC	66-74	STX	116		x	2100	19.2	30	296	8	262.3	-13.0	Water damage- premature death	
							1970	20.3	30	261	8	275.3			
48	FS	66TX1	STX	116		x	2100	20.6	30	296	8	257.8	-13.7	Water damage- premature death	
							1940	20.2	30	261	8	271.4			
49	FS	66ZV1	VT2P	116	x	x	2080	19.7	30	296	8	258.2	-2.0	Water damage- premature death	
					x		1860	20.2	30	261	8	260.2			
50	Wyffels	8268	STX	116		x	2090	20.4	30	296	8	257.2	3.5	Water damage- premature death	
							1820	20.5	30	261	8	253.7			
51	Channel	217-92	STX	117		x	2130	20.2	30	296	8	262.8	3.2	Water damage- premature death	
							1860	20.4	30	261	8	259.6			
52	Croplan	5789	VT2P	117	x	x	1860	20.4	30	296	8	268.5	8.7	Water damage- premature death	
					x		2210	21.4	30	261	8	259.8			
53	FS	67SV1	VT2P	117	x	x	2100	21.1	30	296	8	256.1	-11.5	Water damage- premature death	
					x		1940	21.3	30	261	8	267.7			
54	DKC	70-27	VT2P	117	x	x	2200	21.6	30	296	8	266.6	-11.8	Water damage- premature death	
					x		2010	21.0	30	261	8	278.4			
	PLOT AVERAGE														
							19.4					262.7			

Always read and follow label directions.

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Field was tiled in the Fall/Winter 2017/18. Tile lines were knocked down in the Spring of 2018 however, clay clods on the soil surface and soil settling resulted in areas of the field with reduced stands, water damage and premature death in the SW part of the plot. The tile project will provide long term benefits and help increase consistency and confidence in future research trials on this plot. Unfortunately, this year we experienced short term pains in some of the data set in exchange for long term gains.