

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

Early-Season Test	105 - 110 Day CRM B2021ILWC29a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Sonic, Sequence, Roundup, Fexapan, Everprex, Quadris, Endigo, Brandt Smart B
SOIL DESCRIPTION:	Buckhart, Osco silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 6.8 pH, 3.9% OM, 17.4 CEC
PEST MANAGEMENT:	Resicore, Roundup Powermax, Trivapro, Defcon
FERTILITY - Applied N:	140 Fall, 35 Sidedress
Applied N-P-K (units):	175-270-200
SEEDED - RATE - ROW:	Apr 27 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 25 33.7 /A

TEST COMMENTS:

This location was planted in nice soil conditions and had good emergence. Plentiful rains and heat made for nice growing conditions all summer long. Tar Spot along with GLS came in early August but didn't hurt the plot as bad as other fields we have seen. Nick says that the fungicide application really helped this year and can see a huge difference in areas they farm that didn't get the application. The plants in the plot were able to hold on a little longer, and it really shows.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 5909D2A EZR ↗	5222A	109	293.5	18.8	1	33.9	1580	2
Great Heart	HT-6948VT2P ↗	VT2P	109	290.6	17.0	1	33.9	1581	1
NuTech	69B9Q ↗	QR	109	290.0	17.7	1	33.9	1571	5
Stone	0931SSRIB ↗	STX	109	289.9	17.5	1	32.2	1573	4
Burrus	POWER PLUS 4C14AM ↗	AM	108	289.8	16.9	1	33.9	1577	3
Stone	6078RIB ↗	STX	110	289.2	17.4	1	34.8	1570	6
Augusta	A1259-5222 ↗	5222	109	288.2	17.9	1	34.8	1560	7
Lewis	08DP739 ↗	VT2P	108	283.1	17.4	1	32.2	1537	8
Integra	6061 TRERIB ↗	TRE	110	282.5	17.7	1	34.8	1531	9
Renk	RK782VT2P ↗	VT2P	109	282.3	17.7	1	32.2	1530	10
Lewis	09DD740 ↗	VT2PDG	109	279.3	16.2	1	33.0	1526	11
FS InVision	FS 6017V RIB ↗	VT2P	110	277.0	16.2	1	33.9	1514	12
NK Brand	NK1026-5332 EZR ↗	5332	110	275.5	18.7	1	33.9	1485	16
NuTech	70A8AM ↗	AM	110	273.6	17.2	1	33.1	1486	15
Augusta	A1060-3330 ↗	3330	110	273.2	18.0	1	33.1	1478	18
Integra	5802 VT2PRIB ↗	VT2P	108	272.6	15.9	1	33.9	1492	14
Integra	5682 VT2PRIB ↗	VT2P	106	272.1	14.7	1	33.9	1497	13
NuTech	68A7AM ↗	AM	108	272.0	17.0	1	33.1	1479	17
Lewis	10DP719 ↗	VT2P	110	270.8	17.3	1	35.7	1471	19
FS InVision	FS 5815V RIB ↗	VT2P	108	268.6	16.4	1	33.9	1466	20
NuTech	70F2Q ↗	QR	110	267.9	17.3	1	33.9	1455	21
Hefty	H5944 RIB ↗	STX	109	267.5	17.1	1	33.9	1454	22
Golden Harvest	G07G73-5122 EZR ↗	5122	107	267.2	17.0	1	33.1	1454	23
Great Heart	HT-6822VT2P ↗	VT2P	108	266.8	17.2	1	33.9	1450	24
Cornelius	C7004DP ↗	VT2P	110	265.6	16.6	1	34.8	1448	25
Pioneer	P0825AMXT GC ↗	AMXT	108	264.9	16.7	1	34.8	1443	26
Renk	RK700SSTX ↗	STX	107	264.7	16.6	1	33.1	1443	27
Hefty	H5832 RIB ↗	VT2P	108	263.5	16.2	1	32.2	1440	28
Golden Harvest	G10D21-5332 EZR ↗	5332	110	263.1	17.4	1	33.0	1428	29
Becks	6049V2P GC ↗	VT2P	110	261.1	17.1	1	33.9	1420	30
Pioneer	P1108Q CK	QR	111	259.9	18.4	1	34.8	1403	35
				Averages =	264.7	17.0	1	33.7	1440
				LSD (0.10) =	12.7	1.4	ns		
				LSD (0.25) =	6.7	0.8	ns		
				C.V. =	4.6				
Nathan Roux nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 214.03 bu/a, 13 yr(s)					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 09/25/2021

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ New! Links to full product yield results at www.firstseedtests.com

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2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

Full-Season Test	111 - 115 Day CRM B2021ILWC29b
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Sonic, Sequence, Roundup, Fexapan, Everprex, Quadris, Endigo, Brandt Smart B
SOIL DESCRIPTION:	Buckhart, Osco silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 6.8 pH, 3.9% OM, 17.4 CEC
PEST MANAGEMENT:	Resicore, Roundup Powermax, Trivapro, Defcon
FERTILITY - Applied N:	140 Fall, 35 Sidedress
Applied N-P-K (units):	175-270-200
SEEDED - RATE - ROW:	Apr 27 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 25 33.9 /A

TEST COMMENTS:

This location was planted in nice soil conditions and had good emergence. Plentiful rains and heat made for nice growing conditions all summer long. Tar Spot along with GLS came in early August but didn't hurt the plot as bad as other fields we have seen. Nick says that the fungicide application really helped this year and can see a huge difference in areas they farm that didn't get the application. The plants in the plot were able to hold on a little longer, and it really shows.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
FS InVision	FS 6595V RIB ↗	VT2P	115	306.2	20.2	1	35.7	1636	2	
Green Valley	GV8212VT2PRIB ↗	VT2P	112	304.7	19.3	1	33.9	1637	1	
Cornelius	C7366DGDG ↗	VT2PDG	113	300.0	19.6	1	33.9	1609	3	
Lewis	15DP899 ↗	VT2P	115	298.8	21.0	1	32.2	1589	6	
Becks	6374V2P GC ↗	VT2P	113	297.6	18.4	1	33.9	1607	4	
Lewis	11DT912 ↗	TRE	111	295.1	17.0	1	34.8	1605	5	
Wyffels	W7876RIB ↗	VT2P	114	294.1	20.5	1	34.8	1569	7	
Lewis	15DT512 ↗	TRE	115	290.9	19.1	1	33.9	1564	8	
NuTech	74B6AM ↗	AM	114	290.6	19.5	1	33.9	1559	9	
NuTech	74A9AM ↗	AM	114	290.6	20.1	1	33.9	1554	11	
FS InVision	FS 6406X RIB ↗	STX	114	290.1	20.4	1	33.9	1549	14	
Dyna-Gro	D53SS13 ↗	STX	113	289.4	19.0	1	33.9	1557	10	
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	288.5	19.3	1	33.9	1550	12	
Burrus	POWER PLUS 6J92AM ↗	AM	113	287.7	18.8	1	33.1	1550	13	
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	287.1	19.0	1	33.1	1545	15	
ProHarvest	8360 VT2PRIB ↗	VT2P	113	286.5	19.5	1	35.7	1537	16	
Stone	1332SSRIB ↗	STX	113	285.4	19.3	1	34.8	1533	18	
Stone	1122SSRIB ↗	STX	111	284.8	18.6	1	33.9	1536	17	
Hefty	H6552 ↗	VT2P	115	284.6	20.8	1	34.8	1516	21	
Lewis	12DT302 ↗	TRE	112	284.6	18.9	1	33.1	1532	19	
Renk	RK915VT2P ↗	VT2P	115	282.7	19.8	1	33.1	1514	22	
Integra	6162 VT2PRIB ↗	VT2P	111	280.9	18.0	1	32.2	1520	20	
NuTech	74F3AM ↗	AM	114	280.3	21.3	1	33.9	1489	26	
FS InVision	FS 6306T RIB ↗	TRE	113	279.2	17.9	1	33.9	1512	23	
NuTech	71F5Q ↗	QR	111	279.0	18.4	1	33.1	1506	24	
Dyna-Gro	D51SS61 ↗	STX	111	277.3	17.8	1	34.8	1502	25	
Hefty	H6244 RIB ↗	STX	112	276.8	19.8	1	33.9	1483	28	
Cornelius	C7125DP ↗	VT2P	111	275.2	18.3	1	34.8	1486	27	
Integra	6555 VT2PRIB ↗	VT2P	114	273.5	18.2	1	34.8	1478	30	
Augusta	A2362 VT2P GC ↗	VT2P	112	272.8	17.6	1	34.8	1479	29	
Pioneer	P1108Q CK	QR	111	268.4	17.6	1	34.8	1456	38	
				Averages =	273.3	19.2	1	33.9	1468	
				LSD (0.10) =	14.4	1.0	ns			
				LSD (0.25) =	7.5	0.5	ns			
				C.V. =	5.0					
				Historic yield: 214.03 bu/a, 13 yr(s)						

Nathan Roux

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

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