

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

2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] PRINCEVILLE, IL
Mike & Cole Cunningham, Peoria County, IL

Early-Season Test	105 - 110 Day CRM B2021ILWC27a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Tavium, Roundup Powermax
SOIL DESCRIPTION:	Ipava silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, high K, 5.6 pH, 3.8% OM, 19.6 CEC
PEST MANAGEMENT:	Lexar Ez, Halex Gt, Atrazine, Miravis Neo, Defcon
FERTILITY - Applied N:	167 Fall, 48 Spring
Applied N-P-K (units):	215-69-90
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 33.9 /A

TEST COMMENTS:

This location was planted early and in very nice soil conditions. Timely rains and good heat made for very nice and uniform emergence. The plot looked good all growing season until August when the constant wet and humid weather made conditions perfect for Tar Spot to move in and killed the plot off early and ultimately caused yield loss of approximately 10%, Cole estimates. Even with the foliar diseases that came in late in the growing season, the Cunninghams say this year is one of the top 5 crops they have grown!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	09DD740 ↗	VT2PDG	109	281.2	16.9	4	33.9	1530	1
Great Heart	HT-6948VT2P ↗	VT2P	109	280.8	18.9	7	33.9	1512	4
FS InVision	FS 5909D2A EZR ↗	5222A	109	280.3	17.8	7	34.8	1518	3
Hefty	H5832 RIB ↗	VT2P	108	279.0	16.5	2	33.0	1522	2
Burrus	POWER PLUS 4C14AM ↗	AM	108	277.5	17.4	4	34.8	1506	5
NuTech	69B9Q ↗	QR	109	276.8	18.1	3	34.8	1496	6
NK Brand	NK1026-5332 EZR ↗	5332	110	273.0	18.2	2	32.2	1475	7
Hefty	H5944 RIB ↗	STX	109	271.2	17.1	6	33.9	1475	8
Burrus	POWER PLUS 5L44AM ↗	AM	110	270.6	18.1	1	33.9	1463	11
NuTech	70F2Q ↗	QR	110	269.9	16.9	3	33.9	1469	10
Lewis	08DP739 ↗	VT2P	108	269.2	16.3	4	34.8	1470	9
Stone	0931SSRIB ↗	STX	109	266.6	18.4	3	33.9	1439	15
Lewis	10DP719 ↗	VT2P	110	266.1	16.8	4	33.9	1449	12
NuTech	68A7AM ↗	AM	108	264.7	16.6	7	33.0	1443	13
Augusta	A1060-3330 ↗	3330	110	264.1	18.4	3	34.0	1425	17
Augusta	A1259-5222 ↗	5222	109	263.9	18.0	6	34.8	1427	16
Becks	6049V2P GC ↗	VT2P	110	262.7	15.4	6	34.8	1442	14
NuTech	70A8AM ↗	AM	110	262.0	17.4	3	34.8	1422	19
Golden Harvest	G07G73-5122 EZR ↗	5122	107	261.9	16.9	2	33.0	1425	18
Stone	6078RIB ↗	STX	110	260.6	17.1	3	32.2	1417	21
Pioneer	P0825AMXT GC ↗	AMXT	108	258.7	17.7	2	33.9	1402	27
Hefty	H5812 RIB ↗	VT2P	108	258.3	14.4	6	33.1	1421	20
Renk	RK710DGV2P ↗	VT2PDG	107	258.0	15.4	4	33.9	1416	22
Renk	RK782VT2P ↗	VT2P	109	258.0	16.6	6	33.9	1407	25
Renk	RK700SSTX ↗	STX	107	257.7	16.2	2	33.1	1408	23
Integra	5802 VT2PRIB ↗	VT2P	108	256.5	15.3	7	33.9	1408	24
Integra	5719 VT2PRIB ↗	VT2P	107	255.9	15.2	4	33.9	1406	26
FS InVision	FS 6017V RIB ↗	VT2P	110	255.3	15.3	6	33.1	1402	28
Cornelius	C575DP ↗	VT2P	109	254.7	14.9	4	35.7	1401	29
Wyffels	W4196RIB ↗	VT2P	105	253.0	15.0	4	33.9	1391	30
Pioneer	P1108Q CK	QR	111	253.8	19.0	1	34.8	1365	35
				Averages =	257.3	16.6	4	33.9	1402
				LSD (0.10) =	18.2	0.9	2		
				LSD (0.25) =	9.6	0.5	1		
				C.V. =	6.7				
Nathan Roux nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 232.35 bu/a, 2 yr(s)					

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

Report Date: 09/24/2021

† 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] PRINCEVILLE, IL
Mike & Cole Cunningham, Peoria County, IL

Full-Season Test	111 - 115 Day CRM B2021ILWC27b
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Tavium, Roundup Powermax
SOIL DESCRIPTION:	Ipava silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, high K, 5.6 pH, 3.8% OM, 19.6 CEC
PEST MANAGEMENT:	Lexar Ez, Halex Gt, Atrazine, Miravis Neo, Defcon
FERTILITY - Applied N:	167 Fall, 48 Spring
Applied N-P-K (units):	215-69-90
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 33.7 /A

TEST COMMENTS:

This location was planted early and in very nice soil conditions. Timely rains and good heat made for very nice and uniform emergence. The plot looked good all growing season until August when the constant wet and humid weather made conditions perfect for Tar Spot to move in and killed the plot off early and ultimately caused yield loss of approximately 10%, Cole estimates. Even with the foliar diseases that came in late in the growing season, the Cunninghams say this year is one of the top 5 crops they have grown!

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	283.3	21.1	1	33.9	1506	1
ProHarvest	8360 VT2PRIB ↗	VT2P	113	280.6	19.9	2	34.8	1502	2
ProHarvest	83P33 DGV2PRIB ↗	VT2PDG	113	278.0	19.5	5	34.8	1491	3
Renk	RK915VT2P ↗	VT2P	115	277.8	20.7	3	32.2	1480	6
Green Valley	GV8212VT2PRIB ↗	VT2P	112	277.3	20.8	4	32.1	1477	8
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	276.5	19.1	3	33.9	1487	4
NuTech	71F5Q ↗	QR	111	274.9	18.5	2	33.9	1483	5
Becks	6374V2P GC ↗	VT2P	113	274.3	18.7	4	33.9	1478	7
NuTech	74B6AM ↗	AM	114	271.8	19.5	2	33.9	1458	11
Burrus	6Y61 DGV2P ↗	VT2PDG	113	269.8	18.5	5	34.8	1456	12
Stone	1122SSRIB ↗	STX	111	269.6	17.7	3	34.8	1461	10
Lewis	15DT512 ↗	TRE	115	268.5	20.6	2	33.1	1432	14
Hefty	H6355 ↗	TRE	113	267.6	15.8	9	34.8	1465	9
Integra	6162 VT2PRIB ↗	VT2P	111	267.2	17.0	3	31.3	1454	13
Lewis	15DP899 ↗	VT2P	115	265.9	21.6	5	33.9	1410	23
Hefty	H6244 RIB ↗	STX	112	264.8	19.8	3	32.1	1418	15
Wyffels	W7208 ↗	STX	112	263.5	21.1	3	33.9	1401	26
Burrus	POWER PLUS 6J92AM ↗	AM	113	262.8	19.0	2	33.1	1414	18
Dyna-Gro	D51SS61 ↗	STX	111	262.6	19.0	6	33.1	1413	20
FS InVision	FS 6306T RIB ↗	TRE	113	262.5	18.5	9	34.8	1416	16
NuTech	72B7Q ↗	QR	112	262.1	19.6	4	33.9	1405	24
Wyffels	W7956RIB ↗	VT2P	114	262.1	18.7	6	33.9	1413	21
Green Valley	GV8102VT2PRIB ↗	VT2P	111	262.0	18.4	7	34.8	1414	19
Golden Harvest	G12S75-5122 EZR ↗	5122	112	261.2	19.1	3	33.9	1405	25
Cornelius	C7366DGDP ↗	VT2PDG	113	260.6	19.5	2	33.0	1398	28
Lewis	11DT912 ↗	TRE	111	260.4	17.0	6	33.1	1416	17
Wyffels	W7536DG ↗	VT2PDG	112	259.4	19.0	6	34.8	1396	29
FS InVision	FS 6106X RIB ↗	STX	111	258.7	16.4	6	32.2	1412	22
Green Valley	GV8392VT2PRIB ↗	VT2P	113	256.3	17.1	7	34.8	1393	30
Hefty	H6252 ↗	VT2P	112	256.0	16.1	6	33.9	1400	27
Pioneer	P1108Q CK	QR	111	244.2	19.8	4	33.9	1308	59
				Averages =	255.0	19.0	5	33.7	1372
				LSD (0.10) =	21.2	1.1	3		
				LSD (0.25) =	11.2	0.6	1		
				C.V. =	7.9				
				Historic yield: 232.35 bu/a, 2 yr(s)					

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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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