

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

2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] GRIDLEY, IL
Jamin Ringer, McLean County, IL 61744

Early-Season Test	105 - 110 Day CRM B2021ILEC21a
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / NA
SOIL DESCRIPTION:	Elburn, Peotone silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 6.0 pH, 4.9% OM, 22.0 CEC
PEST MANAGEMENT:	Balance Flexx, Laudis, Atrazine, Roundup Powermax, Trivapro, Defcon
FERTILITY - Applied N:	120 Fall, 60 Spring, 30 Sidedress
Applied N-P-K (units):	210-120-140
SEEDED - RATE - ROW:	Apr 27 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 35.6 /A

TEST COMMENTS:

This was a very nice location. Planted in the last week of April, it received a nice 1/2" of rain 2 days later. The plot looked really uniform at V5 and continued to get timely rains all season long. Some hybrids had some lodging issues due to high winds. There was some Tar Spot noticeable on the leaves, but not a lot. Jamin commented that he was having some field averages close to 275 bu/ac in the immediate area.

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	272.9	18.3	1	36.6	1474	1
Augusta	A1259-5222 ↗	5222	109	272.4	18.7	9	34.8	1468	2
Sun Prairie	SP2507 ↗	STX	109	269.5	17.7	2	34.8	1460	3
Golden Harvest	G10D21-5332 EZR ↗	5332	110	268.1	18.4	3	35.7	1447	5
Wyffels	W6408RIB ↗	STX	110	265.1	19.2	1	36.6	1425	7
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	264.8	17.8	2	36.6	1434	6
NuTech	70F2Q ↗	QR	110	264.2	19.0	2	37.5	1421	9
FS InVision	FS 5815V RIB ↗	VT2P	108	264.1	18.5	1	35.7	1425	8
Stone	0931SSRIB ↗	STX	109	263.4	18.5	1	34.8	1421	10
Burrus	POWER PLUS 5L44AM ↗	AM	110	261.9	18.7	1	36.6	1411	11
NuTech	70A8AM ↗	AM	110	261.7	18.8	1	34.8	1409	12
NuTech	68A7AM ↗	AM	108	260.7	19.0	2	35.7	1403	14
Purple Ribbon	21A09VT2PRIB ↗	VT2P	109	260.0	19.0	9	34.8	1399	15
Hefty	H5944 RIB ↗	STX	109	259.7	17.8	1	37.5	1407	13
Burrus	POWER PLUS 4C16 Q ↗	QR	108	259.4	18.5	12	33.9	1399	16
NK Brand	NK1026-5332 EZR ↗	5332	110	258.6	18.8	1	35.7	1393	17
Renk	RK782VT2P ↗	VT2P	109	258.0	18.5	2	35.7	1392	18
NK Brand	NK0748-5122 EZR ↗	5122	107	256.8	18.7	1	34.8	1384	19
NuTech	69B9Q ↗	QR	109	256.0	18.8	4	34.8	1379	20
Renk	RK700SSTX ↗	STX	107	255.6	18.4	1	36.6	1379	21
Hefty	H5832 RIB ↗	VT2P	108	254.1	18.2	1	35.7	1373	22
Golden Harvest	G07G73-5122 EZR ↗	5122	107	253.4	18.3	3	36.6	1368	23
Augusta	A1060-3330 ↗	3330	110	253.0	19.1	5	33.1	1360	24
Stone	6078RIB ↗	STX	110	251.0	18.3	1	35.7	1356	25
Integra	6061 TRERIB ↗	TRE	110	249.3	18.9	19	35.7	1342	28
Wyffels	W5086RIB ↗	VT2P	107	248.8	18.0	1	34.8	1346	26
Renk	RK805VT2P ↗	VT2P	110	248.7	17.9	2	36.6	1346	27
Integra	5802 VT2PRIB ↗	VT2P	108	247.9	18.1	4	37.5	1340	29
FS InVision	FS 5515D2 EZR ↗	5222	105	244.1	17.7	1	35.7	1323	30
Wyffels	W4196RIB ↗	VT2P	105	244.0	17.6	2	36.6	1323	31
Pioneer	P1108Q CK	QR	111	272.1	19.6	1	33.9	1459	4
				Averages =	252.9	18.4	5	35.6	1365
				LSD (0.10) =	11.1	0.5	7		
				LSD (0.25) =	5.8	0.3	4		
				C.V. =	4.2				
				Historic yield: 219.76 bu/a, 2 yr(s)					

Nathan Roux

nathan.g.roux@gmail.com, (815) 716-3794

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 East Central [ILEC] GRIDLEY, IL
Jamin Ringer, McLean County, IL 61744

Full-Season Test	111 - 115 Day CRM B2021ILEC21b
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / NA
SOIL DESCRIPTION:	Elburn, Peotone silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 6.0 pH, 4.9% OM, 22.0 CEC
PEST MANAGEMENT:	Balance Flexx, Laudis, Atrazine, Roundup Powermax, Trivapro, Defcon
FERTILITY - Applied N:	120 Fall, 60 Spring, 30 Sidedress
Applied N-P-K (units):	210-120-140
SEEDED - RATE - ROW:	Apr 27 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 35.8 /A

TEST COMMENTS:

This was a very nice location. Planted in the last week of April, it received a nice 1/2" of rain 2 days later. The plot looked really uniform at V5 and continued to get timely rains all season long. Some hybrids had some lodging issues due to high winds. There was some Tar Spot noticeable on the leaves, but not a lot. Jamin commented that he was having some field averages close to 275 bu/ac in the immediate area.

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	298.4	21.1	2	36.6	1587	1
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	296.6	20.1	4	36.6	1586	2
Purple Ribbon	22R13DGVT2PRIB ↗	VT2P	113	292.5	21.2	2	34.8	1555	3
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	292.4	21.0	10	35.7	1555	4
Stone	1332SSRIB ↗	STX	113	289.4	20.5	1	37.5	1544	5
Renk	RK882TRE ↗	TRE	111	288.9	21.0	14	35.7	1537	6
Dyna-Gro	D53SS13 ↗	STX	113	288.1	21.8	1	36.6	1526	8
ProHarvest	8360 VT2PRIB ↗	VT2P	113	287.0	21.2	1	34.8	1525	9
Wyffels	W7416 ↗	VT2P	112	286.9	19.7	9	36.6	1537	7
NuTech	74F3AM ↗	AM	114	286.9	21.7	1	36.6	1520	11
Wyffels	W7876RIB ↗	VT2P	114	286.3	21.3	1	35.7	1520	12
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	286.1	21.1	4	36.6	1521	10
Burrus	6A38 SS ↗	STX	112	283.5	20.0	1	35.7	1516	13
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	283.0	21.9	1	33.9	1498	16
NuTech	74A9AM ↗	AM	114	282.7	21.0	10	35.7	1504	15
Hefty	H6552 ↗	VT2P	115	281.9	22.1	1	35.7	1491	18
Hefty	H6423 RIB ↗	VT2PDG	114	280.0	21.8	1	35.7	1483	19
Dyna-Gro	D51SS61 ↗	STX	111	279.9	20.3	1	36.6	1495	17
Purple Ribbon	22A10VT2P ↗	VT2P	110	279.0	18.5	9	36.6	1505	14
Stone	6368RIB ↗	STX	113	278.5	21.6	1	36.6	1476	20
Hefty	H6524 RIB ↗	STX	115	276.3	20.5	4	36.6	1474	21
Stone	1521SSRIB ↗	STX	115	276.2	22.1	7	36.6	1460	24
NK Brand	NK1523-3220 EZR ↗	3220	115	274.9	23.4	2	34.8	1443	28
DeKalb	DKC63-90RIB GC ↗	STX	113	274.7	20.9	2	36.6	1462	23
Integra	6342 TRERIB ↗	TRE	113	274.4	19.7	2	34.8	1471	22
Renk	RK915VT2P ↗	VT2P	115	274.1	21.7	1	36.6	1452	27
Integra	6555 VT2PRIB ↗	VT2P	114	273.3	20.8	4	37.5	1455	25
Great Heart	HT-7148TRE ↗	TRE	111	273.0	20.6	4	34.8	1455	26
Augusta	A4463 VT2P GC ↗	VT2P	113	270.1	20.8	2	35.7	1439	30
Wyffels	W7956RIB ↗	VT2P	114	270.0	20.4	2	34.8	1441	29
Pioneer	P1108Q CK	QR	111	243.9	20.4	13	36.6	1302	55
				Averages =	268.5	20.8	5	35.8	1430
				LSD (0.10) =	10.6	0.9	8		
				LSD (0.25) =	5.6	0.5	4		
Nathan Roux				C.V. =	3.7				
nathan.g.roux@gmail.com, (815) 716-3794							Historic yield: 219.76 bu/a, 2 yr(s)		

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

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