

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

2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Early-Season Test	105 - 110 Day CRM B2021ILEC19a
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Antares Prime, Zidua Pro, Roundup, Outlook
SOIL DESCRIPTION:	Rutland/Streator silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, medium K, 6.0 pH, 4.8% OM, 23.2 CEC
PEST MANAGEMENT:	Explorer, Stinger, Empyros, Stinger, Abundit Edge, Defcon
FERTILITY - Applied N:	120 Fall, 53 Spring, 80 Sidedress
Applied N-P-K (units):	253-250-250
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 26 33.8 /A

TEST COMMENTS:

This location was planted in ideal soil conditions, however heavy rains shortly afterwards caused some emergence issues. The early-season test showed nice looking plants despite the water damage. Good heat and plenty of moisture helped through pollination. Foliar disease came late, but the fungicide application kept them at bay allowing the plants to stay alive a bit longer. Cobs in certain areas of the plot were very spongy, possibly from improper dry down caused by the disease profile that was present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	70A8AM ↗	AM	110	276.6	17.8	4	33.9	1498	1
Stone	6078RIB ↗	STX	110	265.2	17.6	4	33.9	1438	3
NuTech	70F2Q ↗	QR	110	263.7	17.4	4	33.1	1431	4
Integra	5802 VT2PRIB ↗	VT2P	108	258.2	16.6	4	34.8	1408	5
FS InVision	FS 6017V RIB ↗	VT2P	110	252.5	14.9	4	35.7	1389	6
Stone	0931SSRIB ↗	STX	109	251.5	18.7	4	34.8	1355	9
Hefty	H5832 RIB ↗	VT2P	108	251.1	16.2	4	33.9	1372	7
Augusta	A1259-5222 ↗	5222	109	250.4	19.0	4	33.1	1347	12
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	249.9	16.9	4	33.1	1360	8
NuTech	68A7AM ↗	AM	108	249.3	17.5	4	33.9	1353	10
Renk	RK805VT2P ↗	VT2P	110	248.4	16.7	4	33.1	1353	11
Augusta	A1060-3330 ↗	3330	110	247.3	19.1	4	33.9	1330	17
Sun Prairie	SP2507 ↗	STX	109	247.1	17.0	4	34.8	1344	13
Burrus	POWER PLUS 5L44AM ↗	AM	110	246.2	17.4	4	33.9	1336	14
NK Brand	NK1026-5332 EZR ↗	5332	110	246.2	19.0	4	33.9	1324	18
Hefty	H6042 RIB ↗	VT2P	110	246.1	17.4	4	33.9	1336	15
Golden Harvest	G07G73-5122 EZR ↗	5122	107	245.1	17.4	4	33.9	1331	16
NuTech	69B9Q ↗	QR	109	242.5	17.2	4	34.8	1318	21
NuTech	66C2Q ↗	QR	106	241.9	16.0	4	33.9	1323	20
Integra	5719 VT2PRIB ↗	VT2P	107	240.7	14.2	4	33.9	1324	19
Renk	RK700SSTX ↗	STX	107	239.7	17.7	4	32.2	1299	24
Wyffels	W4196RIB ↗	VT2P	105	237.5	14.3	4	34.8	1306	22
FS InVision	FS 5704V RIB ↗	VT2P	107	237.2	14.5	4	33.9	1305	23
Integra	6061 TRERIB ↗	TRE	110	237.2	18.6	4	33.9	1279	27
Hefty	H5812 RIB ↗	VT2P	108	236.2	13.9	4	34.8	1299	25
Wyffels	W6408RIB ↗	STX	110	234.9	17.4	4	33.1	1275	28
Great Heart	HT-6822VT2P ↗	VT2P	108	234.4	14.9	4	34.8	1289	26
Hefty	H5944 RIB ↗	STX	109	234.1	17.2	4	33.1	1272	29
Burrus	POWER PLUS 4C16 Q ↗	QR	108	230.8	16.2	4	33.9	1261	31
Hefty	H5444 ↗	STX	104	230.7	14.6	4	34.8	1269	30
Pioneer	P1108Q CK	QR	111	268.4	18.6	4	33.1	1447	2
				Averages =	240.6	16.8	4	33.8	1309
				LSD (0.10) =	10.3	0.8	ns		
				LSD (0.25) =	5.4	0.4	ns		
				C.V. =	4.1				
Nathan Roux				Historic yield: 237.04 bu/a, 3 yr(s)					
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: 09/27/2021

† 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] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Full-Season Test 111 - 115 Day CRM
B2021ILEC19b

Top 30 of 60 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Antares Prime,
Zidua Pro, Roundup, Outlook

SOIL DESCRIPTION: Rutland/Streator silt loam, mod.
well drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, high P,
medium K, 6.0 pH, 4.8% OM,
23.2 CEC

PEST MANAGEMENT: Explorer, Stinger, Empyros,
Stinger, Abundit Edge, Defcon

FERTILITY - Applied N: 120 Fall, 53 Spring, 80
Sidedress

Applied N-P-K (units): 253-250-250

SEEDED - RATE - ROW: Apr 25 37.5 /A 30" spacing

HARVESTED - STAND: Sep 26 34.0 /A

TEST COMMENTS:

This location was planted in ideal soil conditions, however heavy rains shortly afterwards caused some emergence issues. The early-season test showed nice looking plants despite the water damage. Good heat and plenty of moisture helped through pollination. Foliar disease came late, but the fungicide application kept them at bay allowing the plants to stay alive a bit longer. Cobs in certain areas of the plot were very spongy, possibly from improper dry down caused by the disease profile that was present.

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	271.0	20.5	4	34.8	1446	3	
Sun Prairie	SP2607 ↗	STX	111	270.6	19.4	4	34.0	1453	2	
Wyffels	W7876RIB ↗	VT2P	114	264.1	18.7	4	33.9	1423	4	
Wyffels	W7208 ↗	STX	112	259.8	18.9	4	33.9	1399	5	
ProHarvest	81P88 TRERIB ↗	TRE	111	259.1	19.6	4	31.3	1390	6	
Great Heart	HT-7148TRE ↗	TRE	111	257.4	18.8	4	31.3	1386	7	
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	255.4	17.5	4	32.2	1385	8	
Integra	6555 VT2PRIB ↗	VT2P	114	254.1	19.3	4	33.1	1365	9	
Renk	RK915VT2P ↗	VT2P	115	253.5	21.9	4	33.9	1342	11	
Wyffels	W7956RIB ↗	VT2P	114	250.2	18.7	4	33.1	1348	10	
ProHarvest	8360 VT2PRIB ↗	VT2P	113	248.5	19.9	4	34.8	1330	12	
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	244.2	17.9	4	34.0	1322	13	
Hefty	H6145 TRERIB ↗	TRE	112	243.4	20.1	4	33.9	1301	16	
Burrus	6Y61 DGV2P ↗	VT2PDG	113	241.2	19.6	4	33.1	1293	17	
Hefty	H6423 RIB ↗	VT2PDG	114	241.1	20.5	4	34.8	1286	20	
Golden Harvest	G15J91-3220 EZR ↗	3220	115	240.9	21.2	4	34.8	1280	21	
Stone	1122SSRIB ↗	STX	111	240.3	16.3	4	34.8	1312	15	
Purple Ribbon	22A10VT2P ↗	VT2P	110	239.7	15.5	4	34.8	1315	14	
Hefty	H6524 RIB ↗	STX	115	238.1	19.2	4	34.8	1279	22	
Augusta	A4463 VT2P GC ↗	VT2P	113	237.6	17.3	4	34.8	1290	18	
NuTech	74B6AM ↗	AM	114	236.9	18.8	4	34.8	1276	23	
Integra	6162 VT2PRIB ↗	VT2P	111	236.5	16.9	4	33.9	1288	19	
NuTech	72B7Q ↗	QR	112	236.4	19.3	4	35.7	1270	25	
Pioneer	P1366Q GC ↗	QR	113	234.9	17.2	4	34.8	1276	24	
FS InVision	FS 6217X RIB ↗	STX	112	234.8	19.3	4	33.0	1261	26	
ProHarvest	84P93 DGV2PRIB ↗	VT2PDG	114	234.5	19.3	4	32.2	1259	27	
NK Brand	NK1321-3120 EZR ↗	3120	113	232.6	18.8	4	33.0	1253	29	
Renk	RK937VT2P ↗	VT2P	113	231.4	17.6	4	34.8	1254	28	
Augusta	A2362 VT2P GC ↗	VT2P	112	229.4	17.0	4	34.8	1248	30	
FS InVision	FS 6194V RIB ↗	VT2P	111	226.0	14.6	4	34.8	1243	31	
Pioneer	P1108Q CK	QR	111	271.4	16.9	4	34.8	1477	1	
				Averages =	231.9	18.8	4	34.0	1249	
				LSD (0.10) =	13.1	1.1	ns			
				LSD (0.25) =	6.9	0.6	ns			
Nathan Roux				C.V. =	5.4					
nathan.g.roux@gmail.com, (815) 716-3794										Historic yield: 237.04 bu/a, 3 yr(s)

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

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