

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

2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] THOMASBORO, IL
Joe Burke, Champaign County, IL 61878

Early-Season Test 105 - 110 Day CRM
B2021ILEC20a

Top 30 of 42 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Enlist Duo

SOIL DESCRIPTION: Drummer silty clay loam,
moderately drained, non-
irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, medium K, 5.5 pH, 4.1%
OM, 25.5 CEC

PEST MANAGEMENT: Callisto Xtra, Durango Dma,
Diplomat, Array, Aquila XI,
Defcon

FERTILITY - Applied N: 146 Spring, 45 Sidedress

Applied N-P-K (units): 191-92-120

SEEDED - RATE - ROW: May 8 37.5 /A 30" spacing

HARVESTED - STAND: Nov 4 35.1 /A

TEST COMMENTS:

This location was planted on May 8, the last in this region. We had ideal soil conditions at planting, and ample moisture and good temperatures made for nice and even emergence. As with the rest of central Illinois, a very damp, hot, and humid summer followed. Black Tar Spot was present at this location but not as severe as other areas with approximately 10-15% of tissue coverage. The full-season test was more affected by heavy rainfall with some saturated areas.

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	271.8	15.1	1	33.9	1494	1	
NuTech	69B9Q ↗	QR	109	269.9	15.6	1	34.8	1480	2	
Golden Harvest	G10D21-5332 EZR ↗	5332	110	267.9	15.4	1	35.7	1470	4	
Hefty	H5812 RIB ↗	VT2P	108	267.4	14.8	1	35.7	1471	3	
Renk	RK782VT2P ↗	VT2P	109	265.7	15.1	1	34.8	1460	5	
Augusta	A1060-3330 ↗	3330	110	263.0	15.5	1	35.7	1442	6	
NuTech	68A7AM ↗	AM	108	257.9	14.8	1	35.7	1418	7	
NuTech	70A8AM ↗	AM	110	257.7	15.5	1	35.7	1413	8	
Burrus	POWER PLUS 5L44AM ↗	AM	110	257.4	15.8	1	36.6	1410	9	
FS InVision	FS 5815V RIB ↗	VT2P	108	252.5	14.7	1	34.8	1389	10	
Wyffels	W4588 ↗	STX	105	252.4	14.9	1	32.2	1388	11	
NuTech	70F2Q ↗	QR	110	252.3	15.2	1	34.8	1386	13	
Integra	5719 VT2PRIB ↗	VT2P	107	252.1	14.7	1	37.5	1387	12	
Hefty	H5444 ↗	STX	104	250.4	14.8	1	35.7	1377	14	
Wyffels	W6408RIB ↗	STX	110	249.3	15.3	1	34.8	1369	15	
FS InVision	FS 6017V RIB ↗	VT2P	110	247.5	14.5	1	35.7	1361	16	
Hefty	H5944 RIB ↗	STX	109	245.9	15.0	1	35.7	1352	17	
NK Brand	NK0748-5122 EZR ↗	5122	107	244.9	14.7	1	33.1	1347	18	
Great Heart	HT-6822VT2P ↗	VT2P	108	244.3	14.8	1	35.7	1344	19	
Wyffels	W4196RIB ↗	VT2P	105	241.2	14.5	1	35.7	1327	20	
Augusta	A1259-5222 ↗	5222	109	240.7	15.1	1	34.8	1323	21	
NuTech	66C2Q ↗	QR	106	240.3	15.5	1	34.8	1318	22	
Sun Prairie	SP2507 ↗	STX	109	239.0	14.9	1	35.7	1314	24	
Renk	RK700SSTX ↗	STX	107	238.8	14.4	1	34.8	1313	25	
Integra	5802 VT2PRIB ↗	VT2P	108	237.7	14.3	1	33.1	1307	26	
Golden Harvest	G07G73-5122 EZR ↗	5122	107	237.1	15.1	1	33.1	1304	27	
Stone	6078RIB ↗	STX	110	236.1	14.5	1	36.6	1299	28	
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	236.1	15.1	1	36.6	1298	29	
NK Brand	NK1026-5332 EZR ↗	5332	110	233.0	14.9	1	34.8	1281	30	
Burrus	POWER PLUS 4C16 Q ↗	QR	108	232.9	14.5	1	34.8	1281	31	
Pioneer	P1108Q CK	QR	111	239.2	15.0	1	34.8	1316	23	
				Averages =	241.0	15.0	1	35.1	1324	
				LSD (0.10) =	18.1	0.4	ns			
				LSD (0.25) =	9.5	0.2	ns			
				C.V. =	7.1					
				Historic yield: 229.24 bu/a, 6 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

Report Date: 11/05/2021

† 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] THOMASBORO, IL
Joe Burke, Champaign County, IL 61878

Full-Season Test	111 - 115 Day CRM B2021ILEC20b
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist Duo
SOIL DESCRIPTION:	Drummer silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 5.5 pH, 4.1% OM, 25.5 CEC
PEST MANAGEMENT:	Callisto Xtra, Durango Dma, Diplomat, Array, Aquila XI, Defcon
FERTILITY - Applied N:	146 Spring, 45 Sidedress
Applied N-P-K (units):	191-92-120
SEEDED - RATE - ROW:	May 8 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 4 35.5 /A

TEST COMMENTS:

This location was planted on May 8, the last in this region. We had ideal soil conditions at planting, and ample moisture and good temperatures made for nice and even emergence. As with the rest of central Illinois, a very damp, hot, and humid summer followed. Black Tar Spot was present at this location but not as severe as other areas with approximately 10-15% of tissue coverage. The full-season test was more affected by heavy rainfall with some saturated areas.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	261.5	15.4	1	34.8	1435	1
Dyna-Gro	D53SS13 ↗	STX	113	256.4	16.1	9	36.2	1402	2
FS InVision	FS 6595V RIB ↗	VT2P	115	256.0	15.8	1	35.7	1402	3
Integra	6555 VT2PRIB ↗	VT2P	114	252.4	14.7	1	35.7	1388	4
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	250.7	14.6	1	35.7	1379	5
Hefty	H6524 RIB ↗	STX	115	248.5	15.8	1	33.9	1361	6
Integra	6410 VT2PRIB ↗	VT2P	114	246.8	16.1	1	35.7	1349	9
NuTech	74A9AM ↗	AM	114	246.0	14.9	1	35.7	1353	7
Burrus	6Y61 DGV2P ↗	VT2PDG	113	245.6	15.1	1	34.8	1350	8
Augusta	A4463 VT2P GC ↗	VT2P	113	245.4	15.0	1	35.7	1349	10
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	244.3	15.3	1	33.9	1341	11
Hefty	H6423 RIB ↗	VT2PDG	114	242.0	16.3	1	35.7	1321	13
Golden Harvest	G12S75-5122 EZR ↗	5122	112	241.6	15.1	1	34.8	1328	12
Wyffels	W7956RIB ↗	VT2P	114	239.7	15.5	1	35.7	1315	15
FS InVision	FS 6106X RIB ↗	STX	111	239.6	14.9	1	34.8	1318	14
Integra	6162 VT2PRIB ↗	VT2P	111	236.5	14.9	1	34.8	1301	16
Wyffels	W7876RIB ↗	VT2P	114	236.4	15.0	1	35.7	1300	17
Purple Ribbon	22A10VT2P ↗	VT2P	110	236.3	14.7	1	34.8	1300	18
NK Brand	NK1321-3120 EZR ↗	3120	113	235.4	15.8	1	34.8	1289	19
Stone	1521SSRIB ↗	STX	115	234.4	15.3	1	34.8	1287	20
Sun Prairie	SP2607 ↗	STX	111	234.4	15.5	1	36.6	1286	21
NuTech	74F3AM ↗	AM	114	234.0	15.9	1	37.5	1281	23
Renk	RK937VT2P ↗	VT2P	113	233.6	15.0	1	36.6	1285	22
Integra	6342 TRERIB ↗	TRE	113	232.2	15.2	1	37.5	1276	24
Great Heart	HT-7148TRE ↗	TRE	111	231.6	15.0	1	34.0	1274	25
Augusta	A2362 VT2P GC ↗	VT2P	112	231.3	14.9	1	35.7	1272	26
Stone	1122SSRIB ↗	STX	111	231.2	15.3	2	36.6	1270	28
Pioneer	P1366Q GC ↗	QR	113	231.2	15.3	1	34.0	1270	29
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	231.1	15.0	1	34.8	1271	27
FS InVision	FS 6194V RIB ↗	VT2P	111	231.0	14.3	1	35.7	1270	30
Pioneer	P1108Q CK	QR	111	227.4	14.8	1	34.8	1251	34
				Averages =	230.1	15.3	2	35.5	1264
				LSD (0.10) =	18.3	0.5	ns		
				LSD (0.25) =	9.6	0.2	ns		
				C.V. =	7.6				
Nathan Roux				Historic yield: 229.24 bu/a, 6 yr(s)					
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