

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

2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] GALVA, IL
Al Johnston, Knox County, IL 61434

Early-Season Test	105 - 110 Day CRM B2021ILWC26a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty
SOIL DESCRIPTION:	Ipava, Osco silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, high P, medium K, 6.3 pH, 4.7% OM, 26.3 CEC
PEST MANAGEMENT:	Viridict, Roundup, Atrazine, Armezon Pro, Atrazine, Veltyma, Defcon
FERTILITY - Applied N:	25 Fall, 25 Spring, 70 Sidedress, 70 Foliar Rescue
Applied N-P-K (units):	190-78-60
SEEDED - RATE - ROW:	Apr 27 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 27 34.6 /A

TEST COMMENTS:

Mother Nature! This location was planted in somewhat dry soil conditions and received a good rain within hours of planting. The plot had nice uniform emergence and was excellent looking throughout the growing season. Much like other places, the hot humid summer made conditions perfect for disease. Al said to me, "if you asked me before August, I would have said it was going to be my best crop yet." Well, mid-August a large pop-up storm with strong straight-line winds came through this area and put a lot of fields flat on the ground as seen in the lodging scores.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
NuTech	69B9Q ↗	QR	109	250.5	17.6	23	34.8	1358	1	
Wyffels	W5086RIB ↗	VT2P	107	246.3	16.4	21	34.8	1344	2	
NuTech	68A7AM ↗	AM	108	242.4	16.3	66	33.9	1324	3	
NuTech	70F2Q ↗	QR	110	242.3	18.5	26	33.9	1307	4	
Renk	RK700SSTX ↗	STX	107	241.4	18.3	23	33.1	1304	5	
Stone	6078RIB ↗	STX	110	240.2	18.9	14	33.9	1293	6	
NuTech	70A8AM ↗	AM	110	232.5	18.3	25	34.8	1256	8	
Wyffels	W6408RIB ↗	STX	110	232.4	16.6	13	34.8	1267	7	
Wyffels	W4588 ↗	STX	105	229.8	18.8	7	35.7	1238	9	
Burrus	POWER PLUS 5L44AM ↗	AM	110	228.9	18.5	8	35.7	1235	11	
Stone	0931SSRIB ↗	STX	109	226.8	16.6	16	35.7	1237	10	
Cornelius	C7004DP ↗	VT2P	110	224.5	15.9	45	34.8	1229	12	
Lewis	08DP739 ↗	VT2P	108	222.8	17.3	23	34.8	1210	16	
Lewis	10DP719 ↗	VT2P	110	222.4	15.5	30	35.7	1220	13	
Renk	RK710DGV2P ↗	VT2PDG	107	222.3	17.5	13	35.7	1206	17	
Becks	6049V2P GC ↗	VT2P	110	222.1	17.4	41	33.9	1206	18	
Renk	RK765VT2PRIB ↗	VT2P	109	220.7	17.0	9	32.2	1201	19	
Hefty	H5832 RIB ↗	VT2P	108	220.1	14.4	20	34.8	1211	15	
Renk	RK805VT2P ↗	VT2P	110	219.5	16.8	44	33.9	1196	20	
Burrus	POWER PLUS 4C14AM ↗	AM	108	219.1	18.2	30	35.7	1184	21	
Hefty	H5944 RIB ↗	STX	109	218.6	19.7	41	34.8	1172	22	
Golden Harvest	G10D21-5332 EZR ↗	5332	110	213.2	18.0	28	34.8	1154	24	
Pioneer	P0825AMXT GC ↗	AMXT	108	213.0	18.3	70	33.9	1150	27	
NuTech	66C2Q ↗	QR	106	212.9	17.6	43	33.1	1154	25	
Renk	RK782VT2P ↗	VT2P	109	212.6	17.4	57	33.9	1154	26	
Golden Harvest	G07G73-5122 EZR ↗	5122	107	211.5	18.2	57	35.7	1143	28	
Hefty	H5444 ↗	STX	104	210.2	14.8	29	34.8	1156	23	
Augusta	A1259-5222 ↗	5222	109	209.2	17.6	54	34.8	1134	30	
FS InVision	FS 5909D2A EZR ↗	5222A	109	208.3	17.0	54	33.9	1133	31	
Integra	5682 VT2PRIB ↗	VT2P	106	207.9	15.1	28	34.8	1143	29	
Pioneer	P1108Q CK	QR	111	223.8	17.8	20	33.9	1212	14	
				Averages =	212.2	17.0	38	34.6	1154	
				LSD (0.10) =	21.7	1.6	21			
				LSD (0.25) =	11.4	0.9	11			
				C.V. =	9.7					
				Historic yield: 206.99 bu/a, 17 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: 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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Al Johnston, Knox County, IL 61434

Full-Season Test	111 - 115 Day CRM B2021ILWC26b
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty
SOIL DESCRIPTION:	Ipava, Osco silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, high P, medium K, 6.3 pH, 4.7% OM, 26.3 CEC
PEST MANAGEMENT:	Viridict, Roundup, Atrazine, Armezon Pro, Atrazine, Veltyma, Defcon
FERTILITY - Applied N:	25 Fall, 25 Spring, 70 Sidedress, 70 Foliar Rescue
Applied N-P-K (units):	190-78-60
SEEDED - RATE - ROW:	Apr 27 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 27 34.7 /A

TEST COMMENTS:

Mother Nature! This location was planted in somewhat dry soil conditions and received a good rain within hours of planting. The plot had nice uniform emergence and was excellent looking throughout the growing season. Much like other places, the hot humid summer made conditions perfect for disease. Al said to me, "if you asked me before August, I would have said it was going to be my best crop yet." Well, mid-August a large pop-up storm with strong straight-line winds came through this area and put a lot of fields flat on the ground as seen in the lodging scores.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Becks	6557V2P GC ↗	VT2P	115	272.0	22.2	19	33.9	1437	1
Burrus	6Y61 DGV2P ↗	VT2PDG	113	257.7	19.8	25	35.7	1380	2
Wyffels	W7876RIB ↗	VT2P	114	256.6	22.1	12	33.9	1357	4
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	255.6	20.2	20	33.9	1366	3
Stone	1332SSRIB ↗	STX	113	254.3	22.8	31	34.8	1339	5
Stone	6368RIB ↗	STX	113	252.8	22.0	28	33.9	1337	7
Great Heart	HT-7443VT2P ↗	VT2P	114	251.2	21.2	42	35.7	1335	8
Dyna-Gro	D53SS13 ↗	STX	113	251.0	21.3	37	34.8	1333	9
FS InVision	FS 6106X RIB ↗	STX	111	249.2	19.3	21	34.8	1338	6
NuTech	74A9AM ↗	AM	114	247.7	22.7	27	36.6	1305	16
Green Valley	GV8212VT2PRIB ↗	VT2P	112	247.7	21.7	40	34.8	1313	10
FS InVision	FS 6595V RIB ↗	VT2P	115	247.5	22.0	32	36.6	1309	12
Hefty	H6552 ↗	VT2P	115	246.1	24.6	26	34.8	1282	22
ProHarvest	8360 VT2PRIB ↗	VT2P	113	245.9	21.2	38	34.8	1307	14
NuTech	72B7Q ↗	QR	112	244.5	19.9	36	33.9	1309	13
Stone	1521SSRIB ↗	STX	115	244.2	22.5	23	33.9	1288	21
Lewis	13DT272 ↗	TRE	113	243.5	18.8	11	34.8	1312	11
Cornelius	C7366DGDG ↗	VT2PDG	113	243.2	21.2	30	35.7	1293	19
Becks	6374V2P GC ↗	VT2P	113	243.0	19.4	25	34.8	1304	17
Renk	RK895DGV2P ↗	VT2PDG	113	242.0	20.7	21	31.3	1290	20
Golden Harvest	G12S75-5122 EZR ↗	5122	112	241.9	19.9	16	35.7	1295	18
Lewis	11DT912 ↗	TRE	111	241.9	18.4	28	35.7	1306	15
Lewis	15DT512 ↗	TRE	115	241.4	22.7	22	33.9	1272	24
Wyffels	W7956RIB ↗	VT2P	114	239.1	22.0	36	34.8	1265	27
Pioneer	P1366Q GC ↗	QR	113	237.9	19.9	21	33.9	1273	23
ProHarvest	83P33 DGV2PRIB ↗	VT2PDG	113	237.3	20.0	31	35.7	1270	26
Integra	6555 VT2PRIB ↗	VT2P	114	235.9	20.6	31	34.8	1258	28
Hefty	H6244 RIB ↗	STX	112	235.6	21.4	26	33.9	1250	29
Integra	6162 VT2PRIB ↗	VT2P	111	235.4	18.4	30	33.1	1271	25
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	234.3	20.6	30	33.9	1250	30
Pioneer	P1108Q CK	QR	111	225.8	22.6	42	34.8	1190	48
				Averages =	229.6	20.5	34	34.7	1225
				LSD (0.10) =	16.4	1.9	17		
				LSD (0.25) =	8.6	1.0	9		
Nathan Roux				C.V. =	6.8				
nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 206.99 bu/a, 17 yr(s)					

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