

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2021 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] TAMPICO, IL

Todd Wetzell, Whiteside County, IL 61277

Early-Season Test	106 - 109 Day CRM B2021ILNO18a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Callisto, Atrazine, Roundup
SOIL DESCRIPTION:	Marshan/Udolpho sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, very high K, 5.8 pH, 3.0% OM, 13.5 CEC
PEST MANAGEMENT:	Degree Xtra, Roundup, Laudis, Diflexx, Atrazine, Force
FERTILITY - Applied N:	191 Fall, 30 Spring
Applied N-P-K (units):	221-74-70
SEEDED - RATE - ROW:	Apr 26 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 4 35.0 /A

TEST COMMENTS:

This location is on a lighter sandier loam. Planting conditions were good and emergence was great. Corn was nice and uniform when stand counts were conducted at V5. The lack of rain (9" compared to the 10-year average) really contributed to the yield levels. Cobs were short and small in diameter. A strong wind caused all the lodging that was noted. A general note: corn-on-corn fields in northwest Illinois really struggled this year due to the lack of moisture.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
FS InVision	FS 5815V RIB ↗	VT2P	108	223.1	11.3	23	34.8	1227	1	
Cornelius	C575DP ↗	VT2P	109	214.0	12.1	40	34.8	1177	2	
Hefty	H5944 RIB ↗	STX	109	211.9	12.0	20	36.6	1165	3	
NK Brand	NK0748-5122 EZR ↗	5122	107	205.3	12.6	32	33.1	1129	4	
Integra	5802 VT2PRIB ↗	VT2P	108	201.7	11.5	29	35.7	1109	5	
Augusta	A4858-5122-EZ ↗	5122	108	199.8	12.6	50	36.6	1099	6	
Burrus	POWER PLUS 4F71AM ↗	AM	109	197.6	12.4	40	36.6	1087	7	
Pioneer	P0688Q GC ↗	QR	106	194.8	12.2	29	35.7	1071	9	
Stone	5638RIB ↗	STX	106	194.6	12.7	27	35.7	1070	10	
NuTech	69B9Q ↗	QR	109	193.4	12.7	23	35.7	1064	11	
Hefty	H5812 RIB ↗	VT2P	108	193.0	11.7	23	35.7	1062	12	
DeKalb	DKC58-64RIB GC ↗	STX	108	192.9	12.1	37	33.9	1061	13	
NuTech	66C2Q ↗	QR	106	192.5	12.4	40	35.7	1059	14	
Wyffels	W4198RIB ↗	STX	106	192.3	12.6	36	34.8	1058	15	
Wyffels	W5086RIB ↗	VT2P	107	191.2	12.7	29	33.1	1052	16	
Great Heart	HT-6822VT2P ↗	VT2P	108	189.7	11.2	38	33.1	1043	17	
ProHarvest	79P49 VT2PRIB ↗	VT2P	109	188.5	13.1	54	36.6	1037	18	
Renk	RK700SSTX ↗	STX	107	188.1	12.0	36	35.7	1035	19	
Augusta	A4958-3120-EZ ↗	3120	108	187.0	12.2	40	33.1	1028	20	
Golden Harvest	G07G73-5122 EZR ↗	5122	107	184.8	12.1	46	33.9	1016	21	
Brevant	B09K10Q GC ↗	QR	109	184.4	12.6	45	35.7	1014	22	
Stone	0931SSRIB ↗	STX	109	183.7	11.7	33	33.9	1010	23	
Renk	RK765VT2PRIB ↗	VT2P	109	182.9	12.7	17	33.0	1006	24	
Integra	5719 VT2PRIB ↗	VT2P	107	181.3	11.2	23	34.8	997	25	
Augusta	A2856-3220-EZ ↗	3220	106	181.0	12.7	25	34.8	996	26	
NK Brand	NK0877-3220 EZR ↗	3220	108	180.7	12.3	55	33.1	994	27	
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	179.1	12.5	31	35.7	985	28	
Wyffels	W5518RIB ↗	STX	109	178.4	13.3	40	34.8	981	29	
Renk	RK710DGVT2P ↗	VT2PDG	107	178.1	11.7	45	35.7	980	30	
FS InVision	FS 5909D2A EZR ↗	5222A	109	177.3	12.7	41	35.7	975	31	
Pioneer	P0825AMXT CK	AMXT	108	195.0	12.1	46	35.7	1072	8	
				Averages =	180.0	12.3	41	35.0	990	
				LSD (0.10) =	16.5	0.7	13			
				LSD (0.25) =	8.6	0.4	7			
				C.V. =	8.7					
Jason Beyers				Historic yield: 215.23 bu/a, 2 yr(s)						
beyers@frontiernet.net, (815) 493-9005										

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

Report Date: 10/04/2021

† 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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Todd Wetzell, Whiteside County, IL 61277

Full-Season Test	110 - 113 Day CRM B2021ILNO18b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Callisto, Atrazine, Roundup
SOIL DESCRIPTION:	Marshan/Udolpho sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, very high K, 5.8 pH, 3.0% OM, 13.5 CEC
PEST MANAGEMENT:	Degree Xtra, Roundup, Laudis, Diflexx, Atrazine, Force
FERTILITY - Applied N:	191 Fall, 30 Spring
Applied N-P-K (units):	221-74-70
SEEDED - RATE - ROW:	Apr 26 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 4 34.9 /A

TEST COMMENTS:

This location is on a lighter sandier loam. Planting conditions were good and emergence was great. Corn was nice and uniform when stand counts were conducted at V5. The lack of rain (9" compared to the 10-year average) really contributed to the yield levels. Cobs were short and small in diameter. A strong wind caused all the lodging that was noted. A general note: corn-on-corn fields in northwest Illinois really struggled this year due to the lack of moisture.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1108Q GC ↗	QR	111	220.5	13.9	25	34.8	1213	1
Dyna-Gro	D51SS61 ↗	STX	111	219.7	15.2	14	33.1	1207	2
FS InVision	FS 6106X RIB ↗	STX	111	215.0	14.4	34	33.9	1182	3
Wyffels	W7876RIB ↗	VT2P	114	214.7	14.0	39	36.6	1181	4
NuTech	70F2Q ↗	QR	110	213.7	14.5	30	33.9	1175	5
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	211.3	15.2	23	35.7	1161	6
Integra	6342 TRERIB ↗	TRE	113	208.8	15.1	41	34.8	1148	7
Augusta	A6162-5222-EZ GC ↗	5222	112	207.7	14.5	17	33.1	1142	8
NK Brand	NK1321-3120 EZR ↗	3120	113	207.0	16.3	20	34.8	1130	10
Burrus	POWER PLUS 5L44AM ↗	AM	110	206.1	14.4	20	36.6	1134	9
Dairyland	DS-5018AM ↗	AM	110	205.5	12.2	23	36.6	1130	11
Golden Harvest	G11V76-5122 EZR ↗	5122	111	205.0	13.7	31	35.7	1128	12
Wyffels	W6978RIB ↗	STX	111	204.5	13.5	43	35.7	1125	13
Hefty	H6134 RIB ↗	STX	111	203.4	14.6	52	35.7	1119	14
AgriGold	A6499STXRIB GC ↗	STX	112	202.6	14.6	14	34.8	1114	15
Wyffels	W7536DG ↗	VT2PDG	112	201.6	14.7	26	33.9	1109	16
NuTech	72B7Q ↗	QR	112	199.9	14.9	31	35.7	1099	17
Dairyland	DS-5144Q ↗	QR	111	199.5	13.8	43	35.7	1097	18
Stone	1122SSRIB ↗	STX	111	197.9	14.3	60	35.7	1088	19
Hefty	H6145 TRERIB ↗	TRE	112	197.7	13.7	54	34.8	1087	20
FS InVision	FS 6217X RIB ↗	STX	112	195.3	14.3	54	33.9	1074	21
Dairyland	DS-5279Q ↗	QR	112	194.6	14.8	42	34.8	1070	22
Golden Harvest	G12S75-5122 EZR ↗	5122	112	193.6	13.1	46	34.8	1065	23
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	193.5	13.2	48	32.2	1064	24
Hefty	H6042 RIB ↗	VT2P	110	191.7	13.4	59	34.8	1054	25
Dyna-Gro	D53SS13 ↗	STX	113	191.6	14.6	39	35.7	1054	26
ProHarvest	81P88 TRERIB ↗	TRE	111	191.0	13.1	49	34.8	1050	28
Renk	RK826VT2P ↗	VT2P	111	189.4	14.3	23	34.8	1042	29
Renk	RK882TRE ↗	TRE	111	188.7	13.8	41	33.9	1038	30
DeKalb	DKC61-40RIB GC ↗	STX	111	188.5	13.2	26	33.9	1037	31
Pioneer	P0825AMXT CK	AMXT	108	191.1	13.4	45	33.9	1051	27
				Averages =	188.6	14.0	41	34.9	1037
				LSD (0.10) =	16.2	1.0	16		
				LSD (0.25) =	8.5	0.5	9		
				C.V. =	8.2				
									Historic yield: 215.23 bu/a, 2 yr(s)

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