

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

2021 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] MALTA, IL
Steve Drendel, DeKalb County, IL 60150

Early-Season Test 106 - 109 Day CRM
B2021ILNO14a

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Prefix, Flexstar Gt

SOIL DESCRIPTION: Catlin/Flanagan silt loam, well drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high P, very high K, 6.4 pH, 4.0% OM, 19.9 CEC

PEST MANAGEMENT: Resicore, Atrazine Halex Gt, Veltyma, Bifenthrin, Mustang, Force

FERTILITY - Applied N: 158 Fall, 50 Sidedress

Applied N-P-K (units): 208-46-90

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

HARVESTED - STAND: Oct 6 35.2 /A

TEST COMMENTS:

This was a really nice plot. Planting conditions were good and corn emerged rather well. The location could have used a little more moisture during the growing season. Pollination went really well with most hybrids filling the ears close to the tip. Any lodging that was noted is from wind damage during grain fill. There was evidence of Tar Spot on the plants, but not as bad as some areas we've seen.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H5944 RIB ↗	STX	109	272.8	16.5	6	34.8	1488	1
Dairyland	DS-4917AM ↗	AM	109	270.8	18.2	4	33.9	1463	2
FS InVision	FS 5909D2A EZR ↗	5222A	109	268.7	18.0	6	34.8	1453	4
Great Heart	HT-6948VT2P ↗	VT2P	109	268.0	18.0	6	34.8	1450	5
Augusta	A1259-5222 ↗	5222	109	268.0	18.2	6	35.7	1448	6
Cornelius	C575DP ↗	VT2P	109	267.4	16.8	11	34.8	1457	3
ProHarvest	79P49 VT2PRIB ↗	VT2P	109	267.2	18.6	4	34.8	1441	9
Great Heart	HT-6822VT2P ↗	VT2P	108	266.3	17.4	6	35.7	1445	7
Pioneer	P0720Q GC ↗	QR	107	265.7	17.0	8	34.8	1445	8
Pioneer	P0688Q GC ↗	QR	106	265.1	17.5	6	35.7	1438	10
Renk	RK782VT2P ↗	VT2P	109	263.2	18.2	7	35.7	1422	14
Burrus	POWER PLUS 4C14AM ↗	AM	108	262.1	15.7	6	33.9	1436	11
NuTech	66C2Q ↗	QR	106	261.3	17.7	8	35.7	1416	15
Renk	RK765VT2PRIB ↗	VT2P	109	261.2	18.2	8	35.7	1412	16
FS InVision	FS 5815V RIB ↗	VT2P	108	259.8	15.4	8	35.7	1426	12
Augusta	A1457-5122-EZ ↗	5122	107	259.5	17.6	6	33.9	1407	17
Renk	RK710DGVT2P ↗	VT2PDG	107	259.5	15.3	4	34.8	1425	13
Hefty	H5952 ↗	VT2P	109	259.3	17.9	8	34.8	1404	18
Stone	0931SSRIB ↗	STX	109	257.8	17.6	6	35.7	1398	19
Wyffels	W5086RIB ↗	VT2P	107	256.7	17.9	6	34.8	1389	22
Augusta	A2856-3220-EZ ↗	3220	106	256.4	17.3	6	32.2	1393	21
NuTech	69A6Q ↗	QR	109	254.7	15.8	6	36.6	1394	20
Hefty	H5812 RIB ↗	VT2P	108	254.3	16.3	26	36.6	1389	23
Hefty	H5832 RIB ↗	VT2P	108	253.1	16.4	6	37.5	1381	25
Renk	RK700SSTX ↗	STX	107	251.7	15.2	7	35.7	1383	24
Wyffels	W5518RIB ↗	STX	109	248.9	17.1	8	36.6	1353	28
Golden Harvest	G07G73-5122 EZR ↗	5122	107	248.1	18.5	7	33.9	1339	30
Wyffels	W4198RIB ↗	STX	106	247.7	15.3	7	34.8	1360	26
Augusta	A4958-3120-EZ ↗	3120	108	246.6	17.2	6	33.9	1340	29
Hefty	H5655 ↗	TRE	106	246.3	15.1	6	34.8	1354	27
Pioneer	P0825AMXT CK	AMXT	108	216.9	16.0	10	34.8	1187	48
				Averages =	244.8	16.8	9	35.2	1333
				LSD (0.10) =	17.0	1.2	7		
				LSD (0.25) =	8.9	0.6	4		
				C.V. =	6.6				
Jason Beyers				Historic yield: 204.3 bu/a, 23 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: 10/06/2021

† 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 North [ILNO] MALTA, IL
Steve Drendel, DeKalb County, IL 60150

Full-Season Test	110 - 113 Day CRM B2021ILNO14b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Flexstar Gt
SOIL DESCRIPTION:	Catlin/Flanagan silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.4 pH, 4.0% OM, 19.9 CEC
PEST MANAGEMENT:	Resicore, Atrazine Halex Gt, Veltyma, Bifenthrin, Mustang, Force
FERTILITY - Applied N:	158 Fall, 50 Sidedress
Applied N-P-K (units):	208-46-90
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 6 35.4 /A

TEST COMMENTS:

This was a really nice plot. Planting conditions were good and corn emerged rather well. The location could have used a little more moisture during the growing season. Pollination went really well with most hybrids filling the ears close to the tip. Any lodging that was noted is from wind damage during grain fill. There was evidence of Tar Spot on the plants, but not as bad as some areas we've seen.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7876RIB ↗	VT2P	114	291.1	19.8	4	36.6	1559	1
Wyffels	W7208 ↗	STX	112	269.3	18.4	6	36.6	1453	3
NuTech	72B7Q ↗	QR	112	269.1	20.5	4	33.1	1436	6
Burrus	POWER PLUS 5L44AM ↗	AM	110	268.9	17.3	6	33.9	1461	2
DeKalb	DKC61-40RIB GC ↗	STX	111	268.5	18.2	4	34.8	1451	4
Burrus	6Y61 DGV2P ↗	VT2PDG	113	265.5	18.3	4	33.9	1434	7
Dyna-Gro	D51SS61 ↗	STX	111	265.4	17.8	11	33.1	1437	5
NuTech	70F2Q ↗	QR	110	265.3	18.7	4	37.5	1429	10
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	265.2	18.5	6	36.6	1431	8
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	265.1	18.5	6	34.8	1430	9
Dyna-Gro	D53SS13 ↗	STX	113	264.4	19.2	6	34.8	1421	14
Purple Ribbon	22R13DGV2PRIB ↗	VT2P	113	264.2	18.3	6	36.6	1427	11
ProHarvest	8360 VT2PRIB ↗	VT2P	113	263.7	18.9	6	37.5	1419	15
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	262.3	17.6	8	34.8	1422	12
Wyffels	W6978RIB ↗	STX	111	262.2	17.5	4	34.8	1422	13
Dairyland	DS-5279Q ↗	QR	112	261.3	19.4	8	35.7	1403	19
Becks	6049V2P GC ↗	VT2P	110	261.0	17.1	4	36.6	1419	16
Dairyland	DS-5018AM ↗	AM	110	259.3	17.3	8	34.0	1408	17
Cornelius	C7308SS ↗	STX	113	258.9	17.3	6	35.7	1406	18
Integra	6284 VT2PRIB ↗	VT2P	112	257.9	19.8	6	34.8	1382	22
NK Brand	NK1321-3120 EZR ↗	3120	113	257.3	20.8	6	35.7	1370	24
NK Brand	NK1026-5332 EZR ↗	5332	110	257.0	18.1	4	34.8	1390	21
Purple Ribbon	22A10VT2P ↗	VT2P	110	254.5	17.6	15	36.6	1380	23
AgriGold	A6499STXRIB GC ↗	STX	112	254.1	19.4	6	34.8	1364	27
Hefty	H6355 ↗	TRE	113	253.6	15.4	6	37.5	1392	20
Hefty	H6145 TRERIB ↗	TRE	112	252.8	19.2	6	36.6	1359	29
Wyffels	W7416 ↗	VT2P	112	252.2	18.3	4	33.9	1362	28
NuTech	70A8AM ↗	AM	110	251.7	17.6	4	36.6	1365	25
FS InVision	FS 6217X RIB ↗	STX	112	250.1	17.5	4	34.8	1357	30
FS InVision	FS 6017V RIB ↗	VT2P	110	248.9	15.5	13	33.9	1365	26
Pioneer	P0825AMXT CK	AMXT	108	224.3	16.4	15	34.8	1224	62
				Averages =	250.6	18.3	7	35.4	1353
				LSD (0.10) =	16.0	1.6	ns		
				LSD (0.25) =	8.4	0.8	ns		
				C.V. =	6.1				
									Historic yield: 204.3 bu/a, 23 yr(s)

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

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

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