

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

2021 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] SUBLETTE, IL

Randy Faber, Lee County, IL 61367

Early-Season Test	106 - 109 Day CRM B2021ILNO17a
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:	Muscataune/St. Charles silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 5.6 pH, 2.7% OM, 16.5 CEC
PEST MANAGEMENT:	Callisto, Atrazine, Roundup, Force
FERTILITY - Applied N:	36 Fall, 180 Spring, 40 Sidedress
Applied N-P-K (units):	256-69-90
SEEDED - RATE - ROW:	Apr 23 39.3 /A 30" spacing
HARVESTED - STAND:	Sep 25 35.4 /A

TEST COMMENTS:

This was a great-looking plot almost the entire growing season. Emergence was nice and uniform and it caught some good rains in June and July. Then things started to deteriorate. Compared to the average, it was short almost 11" of rainfall for the growing season. After pollination a storm blew through producing 90+ MPH winds, causing some severe lodging. Stalk quality was still good enough at the time of harvest, that feeding into the corn head was not too bad. There was a small amount of Tar Spot on most hybrids.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stone	0931SSRIB ↗	STX	109	261.5	21.7	7	35.7	1386	1
NuTech	69B9Q ↗	QR	109	259.8	20.7	22	34.8	1384	2
Wyffels	W4198RIB ↗	STX	106	256.0	20.2	2	35.7	1368	3
Dyna-Gro	D50VC78 ↗	VT2P	109	256.0	21.6	23	35.7	1357	5
Wyffels	W5086RIB ↗	VT2P	107	255.9	21.4	6	35.7	1358	4
Hefty	H5944 RIB ↗	STX	109	253.1	21.8	20	34.8	1340	8
Renk	RK700SSTX ↗	STX	107	252.5	20.4	10	33.9	1348	6
Cornelius	C575DP ↗	VT2P	109	251.9	22.8	11	35.7	1326	11
Dairyland	DS-4917AM ↗	AM	109	251.7	20.6	4	35.7	1342	7
NuTech	68B3AML ↗	AML	108	251.1	21.2	23	34.8	1335	9
Hefty	H5952 ↗	VT2P	109	250.8	22.0	50	35.7	1327	10
NuTech	69A6Q ↗	QR	109	249.5	21.4	70	35.7	1324	13
Great Heart	HT-6822VT2P ↗	VT2P	108	247.8	20.1	17	35.7	1325	12
Augusta	A1259-5222 ↗	5222	109	244.2	22.3	15	35.7	1290	16
NuTech	66C2Q ↗	QR	106	243.9	20.5	21	36.6	1301	14
Renk	RK782VT2P ↗	VT2P	109	243.7	22.4	54	35.7	1286	17
Stone	5638RIB ↗	STX	106	242.1	20.5	3	36.6	1291	15
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	239.8	22.7	25	37.5	1264	20
FS InVision	FS 5815V RIB ↗	VT2P	108	239.2	19.8	5	34.8	1281	18
ProHarvest	79P49 VT2PRIB ↗	VT2P	109	238.7	23.0	49	35.7	1256	23
Burrus	POWER PLUS 4F71AM ↗	AM	109	237.5	21.2	26	37.5	1262	21
Hefty	H5655 ↗	TRE	106	236.4	18.8	2	35.7	1273	19
DeKalb	DKC59-81RIB GC ↗	STX	109	236.1	20.6	15	33.1	1259	22
Hefty	H5832 RIB ↗	VT2P	108	234.7	21.5	10	36.6	1245	25
Pioneer	P0688Q GC ↗	QR	106	234.1	19.5	9	34.8	1256	24
Integra	5802 VT2PRIB ↗	VT2P	108	233.5	21.6	23	36.6	1238	27
Renk	RK765VT2PRIB ↗	VT2P	109	233.5	22.9	4	33.9	1229	29
Cornelius	C6936SS ↗	STX	109	232.6	20.6	37	35.7	1240	26
Cornelius	C6812DP ↗	VT2P	108	232.3	22.6	60	35.7	1225	30
Renk	RK710DGVT2P ↗	VT2PDG	107	230.9	20.3	3	34.8	1233	28
Pioneer	P0825AMXT CK	AMXT	108	226.6	21.0	54	35.7	1206	36
				Averages =	231.9	21.2	27	35.4	1232
				LSD (0.10) =	14.9	1.3	15		
				LSD (0.25) =	7.8	0.7	8		
Jason Beyers				C.V. =	6.1	Historic yield: 226.73 bu/a, 21 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: 09/25/2021

† 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] SUBLETTE, IL

Randy Faber, Lee County, IL 61367

Full-Season Test	110 - 113 Day CRM B2021ILNO17b
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:	Muscataune/St. Charles silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 5.6 pH, 2.7% OM, 16.5 CEC
PEST MANAGEMENT:	Callisto, Atrazine, Roundup, Force
FERTILITY - Applied N:	36 Fall, 180 Spring, 40 Sidedress
Applied N-P-K (units):	256-69-90
SEEDED - RATE - ROW:	Apr 23 39.3 /A 30" spacing
HARVESTED - STAND:	Sep 25 35.0 /A

TEST COMMENTS:

This was a great-looking plot almost the entire growing season. Emergence was nice and uniform and it caught some good rains in June and July. Then things started to deteriorate. Compared to the average, it was short almost 11" of rainfall for the growing season. After pollination a storm blew through producing 90+ MPH winds, causing some severe lodging. Stalk quality was still good enough at the time of harvest, that feeding into the corn head was not too bad. There was a small amount of Tar Spot on most hybrids.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6217X RIB ↗	STX	112	271.0	23.1	11	34.8	1425	1
Cornelius	C7308SS ↗	STX	113	270.7	25.3	6	34.8	1405	3
Burrus	POWER PLUS 5L44AM ↗	AM	110	265.4	21.6	22	37.5	1407	2
Becks	6374V2P GC ↗	VT2P	113	263.8	25.3	15	36.6	1369	4
AgriGold	A6499STXRIB GC ↗	STX	112	259.9	25.8	5	33.9	1345	9
NuTech	70A8AM ↗	AM	110	259.4	23.3	22	35.7	1362	5
Dairyland	DS-5018AM ↗	AM	110	258.3	23.1	31	33.9	1358	6
Wyffels	W7536DG ↗	VT2PDG	112	257.2	23.2	14	35.7	1351	7
Purple Ribbon	22R13DGVT2PRIB ↗	VT2P	113	256.7	27.2	14	33.1	1318	12
Hefty	H6134 RIB ↗	STX	111	255.6	22.4	26	35.7	1349	8
Integra	6061 TRERIB ↗	TRE	110	253.1	23.5	22	33.9	1327	11
FS InVision	FS 6106X RIB ↗	STX	111	252.3	22.8	26	36.6	1328	10
Renk	RK826VT2P ↗	VT2P	111	250.8	24.0	31	35.7	1311	14
Wyffels	W7208 ↗	STX	112	250.8	24.1	16	36.6	1311	15
NuTech	72B7Q ↗	QR	112	249.7	25.6	11	34.8	1294	16
Dairyland	DS-5144Q ↗	QR	111	249.3	22.7	30	36.6	1314	13
Pioneer	P1108Q GC ↗	QR	111	247.7	24.6	7	36.6	1291	17
Dyna-Gro	D51SS61 ↗	STX	111	245.8	24.1	17	32.2	1285	18
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	244.6	24.4	27	36.6	1276	20
Hefty	H6252 ↗	VT2P	112	244.0	23.1	37	36.6	1283	19
Dairyland	DS-5323AM ↗	AM	113	243.4	24.7	50	33.9	1268	21
ProHarvest	8360 VT2PRIB ↗	VT2P	113	241.5	24.9	28	35.7	1257	27
DeKalb	DKC61-40RIB GC ↗	STX	111	241.1	23.8	18	35.7	1263	23
Golden Harvest	G11V76-5122 EZR ↗	5122	111	240.8	24.8	22	35.7	1253	29
Purple Ribbon	22A10VT2P ↗	VT2P	110	240.6	23.7	36	35.7	1261	25
Stone	1332SSRIB ↗	STX	113	240.4	25.3	21	33.9	1248	30
Dairyland	DS-5279Q ↗	QR	112	240.0	24.1	37	35.7	1254	28
NuTech	70F2Q ↗	QR	110	239.9	23.1	28	34.8	1261	26
Renk	RK805VT2P ↗	VT2P	110	239.5	22.6	26	33.1	1263	24
FS InVision	FS 6194V RIB ↗	VT2P	111	239.2	21.9	18	33.1	1266	22
Pioneer	P0825AMXT CK	AMXT	108	216.1	22.9	18	35.7	1138	54
				Averages =	236.0	23.9	27	35.0	1235
				LSD (0.10) =	16.2	1.5	16		
				LSD (0.25) =	8.5	0.8	8		
Jason Beyers				C.V. =	6.5				
beyers@frontiernet.net, (815) 493-9005				Historic yield: 226.73 bu/a, 21 yr(s)					

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