

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

## 2021 Corn Grain Top 30 Harvest Report

North Central Tri-State, Illinois, Iowa & Wisconsin [NCTS]  
PEARL CITY, IL

Todd Randecker, Stevenson County, IL 61078

### Full-Season Test

107 - 110 Day CRM  
B2021NCTS09b

### Top 30 of 63

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

### PREV. CROP/HERB:

Corn / Lumax, Halex Gt

### SOIL DESCRIPTION:

Osco/Lawson silt loam, well  
drained, non-irrigated

### SOIL CONDITION:

Conventional W/ Fall Till, low P,  
medium K, 6.4 pH, 2.9% OM,  
13.8 CEC

### PEST MANAGEMENT:

Lumax, Halex Gt, Force

### FERTILITY - Applied N:

18 Fall, 235 Spring

### Applied N-P-K (units):

253-46-90

### SEEDED - RATE - ROW:

Apr 24 37.5 /A 30" spacing

### HARVESTED - STAND:

Oct 15 35.6 /A

### TEST COMMENTS:

Planting conditions in this area were ideal in late April and emergence faired well. The plot was nice and uniform at the V5 stage. Rainfall was somewhat limited for the rest of the growing season (almost 9" short of the 10-year average). The plants were short and standing well. Ears were filled out well but short with a shallow kernel set. Small amounts of Grey Leaf Spot and Tar Spot were present at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	70F2Q ↗	QR	110	<b>258.0</b>	19.3	1	33.9	1386	1
DeKalb	DKC59-81RIB GC ↗	STX	109	<b>257.7</b>	19.5	1	34.8	1383	2
Cornelius	C6936SS ↗	STX	109	<b>250.0</b>	19.2	1	35.7	1343	4
DeKalb	DKC57-71RIB GC ↗	STX	107	<b>249.8</b>	19.0	1	37.5	1344	3
Stone	0921SSRIB ↗	STX	109	<b>246.9</b>	19.6	1	36.6	1324	5
Wyffels	W6408RIB ↗	STX	110	<b>246.3</b>	19.3	1	33.9	1323	7
Hefty	H5944 RIB ↗	STX	109	<b>246.3</b>	19.1	1	36.6	1324	6
Renk	RK700SSTX ↗	STX	107	244.1	18.6	1	33.9	1316	8
NuTech	69A6Q ↗	QR	109	243.6	18.4	1	36.6	1315	9
<b>Burrus</b>	<b>POWER PLUS 5L44AM ↗</b>	<b>AM</b>	<b>110</b>	<b>243.6</b>	<b>19.5</b>	<b>1</b>	<b>37.5</b>	<b>1307</b>	<b>10</b>
Pioneer	P0825AMXT GC ↗	AMXT	108	242.4	18.9	1	34.8	1305	11
Pioneer	P0924Q GC ↗	QR	109	242.1	19.7	1	35.7	1297	13
Hefty	H5832 RIB ↗	VT2P	108	241.9	18.7	1	36.6	1303	12
Wyffels	W6978RIB ↗	STX	111	241.8	19.8	1	36.6	1295	14
Dyna-Gro	D49SS70 ↗	STX	109	241.1	19.4	1	37.5	1294	16
Jung	59SS581 ↗	STX	109	240.3	18.7	1	37.5	1295	15
Cornelius	C6812DP ↗	VT2P	108	240.0	18.9	1	36.6	1292	17
NuTech	70A8AM ↗	AM	110	239.7	19.6	1	35.7	1285	20
Cornelius	C575DP ↗	VT2P	109	239.4	18.6	1	36.6	1291	18
Renk	RK765VT2PRIB ↗	VT2P	109	238.1	19.1	1	33.1	1281	21
Armor	A1044 SS ↗	STX	110	237.0	19.1	1	36.6	1274	22
Golden Harvest	G08R52-3220 EZR ↗	3220	108	236.8	19.0	1	34.8	1274	23
NuTech	69B9Q ↗	QR	109	236.7	19.2	1	36.6	1272	24
NK Brand	NK1026-5332 EZR ↗	5332	110	236.7	20.0	1	34.8	1266	25
Augusta	A3758-3220-EZ GC ↗	3220	108	235.0	19.9	1	36.6	1258	27
DeKalb	DKC58-64RIB GC ↗	STX	108	234.0	19.1	1	33.0	1258	28
<b>Burrus</b>	<b>POWER PLUS 4C14AM ↗</b>	<b>AM</b>	<b>108</b>	<b>233.9</b>	<b>19.3</b>	<b>1</b>	<b>34.8</b>	<b>1256</b>	<b>29</b>
Dairyland	DS-4878AM ↗	AM	108	233.7	18.7	1	35.7	1259	26
Hefty	H6042 RIB ↗	VT2P	110	232.8	18.9	1	34.8	1253	30
Dairyland	DS-4917AM ↗	AM	109	232.6	19.1	1	31.3	1251	31
Pioneer	P0720Q CK	QR	107	239.0	18.6	1	36.6	1289	19
				Averages =	<b>231.1</b>	<b>19.1</b>	<b>1</b>	<b>35.6</b>	<b>1243</b>
				LSD (0.10) =	14.5	0.5	ns		
				LSD (0.25) =	7.6	0.3	ns		
				C.V. =	5.9				
				Historic yield: 218.97 bu/a, 6 yr(s)					

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.50

Report Date: 10/15/2021

† 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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