

2017 Corn Grain Top 30 Harvest Report

North Central Tri-State [NCTS] PEARL CITY
 Todd Randecker, Stevenson County, IL 61078



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

PREV. CROP/HERB: Corn / Lumax, Status
 SOIL DESCRIPTION: Osco-Durand silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 6.3 pH, 2.3% OM, 15.2 CEC
 PEST MANAGEMENT: Lumax, Status, Force
 FERTILITY - Applied N: 139 Fall, 60 Planter
 Applied N-P-K (units): 199-46-60
 SEEDING - RATE - ROW: Apr 23 37,500 /A 30" spacing
 HARVESTED - STAND: Oct 25 32,600 /A

Early-Season Test
101 - 106 Day CRM
 B2017NCTS12a

Top 30 of 54

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5F-504^	AM,B	104	241.7	19.2	4	34.4	743	1
Dekalb	DKC56-45RIB GC	STX,B	106	236.4	20.6	10	33.5	717	5
Wyffels	W3078RIB	STX,B	106	234.8	19.3	4	31.6	721	4
Cornelius	C461SS	STX	107	234.4	18.2	7	33.5	728	2
Jung	56DP538	VT2P,B	106	233.2	18.4	11	32.5	722	3
Golden Harvest	G03C84-3120-EZR	3120,B	103	232.4	19.2	12	32.5	714	6
Wyffels	W4196	VT2P	105	230.1	18.4	6	32.5	713	7
Golden Harvest	G06Z97-3120-EZR	3120,B	106	228.8	18.8	4	33.5	706	9
NuTech/G2 Gen	5F-503^	AM,B	103	228.0	18.0	5	32.5	709	8
Renk	RK726SSTX	STX	106	225.2	18.4	14	30.7	698	11
Latham	LH5635VT2Pro	VT2P	106	225.2	18.8	12	31.6	695	13
Kussmaul	SB-44V05	VT2P	106	224.7	18.3	12	35.3	697	12
Dyna-Gro	D45SS65	STX	105	224.2	17.7	19	34.4	699	10
FS InVISION	FS 55TX1 RIB	STX,B	105	224.2	19.5	7	34.4	687	17
LG Seeds	LG5530VT2P	VT2P	105	223.3	18.4	27	34.4	692	14
Kussmaul	SS-46S03	STX	103	223.3	18.9	10	36.2	688	16
Latham	LH5339SSRIB	STX,B	103	221.4	18.0	11	34.4	689	15
Golden Harvest	G01D24-3120-EZR	3120,B	101	218.9	18.1	16	35.3	680	19
Burrus	Power Plus 2B77^	AMXT,B	105	218.9	19.7	8	32.5	670	24
Cornelius	C452SS	STX	105	218.4	17.8	20	34.4	681	18
Jung	54SS528	STX,B	104	218.2	18.5	3	29.7	675	23
NuTech/G2 Gen	5Z-702^	OI	102	218.0	18.3	4	32.5	676	21
Dairyland	DS-6106	RR2	106	217.9	19.3	2	33.5	669	25
Cornelius	C385DP	VT2P	103	217.4	18.0	11	28.8	676	22
Renk	RK717SSTX	STX,B	105	216.5	18.8	8	32.5	668	26
FS InVISION	FS 54ZX1 RIB	STX,B	104	216.3	18.7	3	34.4	668	27
FS InVISION	FS 52RL0 EZR	3120,B	102	214.9	18.3	15	33.5	666	28
Pfister	62A1SSR	STX,B	102	213.6	19.1	20	33.5	657	31
Latham	LH5245VT2Pro	VT2P	102	212.9	17.6	11	34.4	665	29
Titan Pro	TP 53-03 2P	VT2P,B	103	212.9	18.1	11	34.4	661	30
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	220.6	19.1	6	33.5	679	20

Jason Beyers
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Averages =	213.5	18.6	8	32.6	660
LSD (0.10) =	18.9	1.2	7		
LSD (0.25) =	9.9	0.6	4		
C.V. =	8.4	Prev. years average yield, 221.7 bu/a, 2 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: Emergence was not ideal at this location, it struggled through a lot of cool damp weather. Excess moisture early in the vegetative growth stage stressed the entire plot, taking some yield off the top end. There was a wide variety of stalk disease present, contributing to the lodging observed. Ears were nicely filled from pollination, but were shorter than other corn we have seen this year.

† 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

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Report Date: 10/27/2017 Revised:

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PEST MANAGEMENT: Lumax, Status, Force
FERTILITY - Applied N: 139 Fall, 60 Planter
Applied N-P-K (units): 199-46-60
SEEDING - RATE - ROW: Apr 23 37,500 /A 30" spacing
HARVESTED - STAND: Oct 25 33,900 /A

Full-Season Test
107 - 110 Day CRM
B2017NCTS12b

Top 30 of 54

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG5606STX	STX	111	253.2	21.4	10	32.5	762	1
Golden Harvest	G10T63-3122-EZR	3122,B	110	248.5	20.8	6	36.2	752	2
Wyffels	W6896	VT2P	110	247.7	22.5	6	36.2	737	8
FS InVISION	FS 60QV1 RIB	VT2P,B	110	247.4	21.0	10	34.4	747	4
NuTech/G2 Gen	5F-308^	AM,B	108	246.4	20.4	3	32.5	749	3
Burrus	Power Plus 4A67^	OI	109	245.7	20.4	5	29.7	746	5
Golden Harvest	G09A86-3111	3111	109	245.3	20.9	3	35.3	742	7
NuTech/G2 Gen	5FB-1010^	AM,B	110	244.9	20.5	6	33.5	743	6
Jung	61SS608	STX,B	111	241.7	21.6	15	33.5	726	12
Jung	58SS537RIB	STX,B	108	241.6	21.4	4	33.5	727	11
Dekalb	DKC58-06RIB GC	STX,B	108	241.1	20.7	21	37.2	730	9
Latham	LH5885VT2ProRIB	VT2P,B	108	239.9	20.5	22	33.5	728	10
LG Seeds	LG5590VT2P GC	VT2P	110	237.7	21.9	9	28.8	711	18
Dyna-Gro	D50SS51	STX	110	236.3	20.5	14	31.6	717	15
Cornelius	C564SS	STX	108	236.1	20.3	3	35.3	718	14
FS InVISION	FS 59VL1 EZR	3220,B	109	236.0	20.0	23	35.3	720	13
NK Brand	NK1066-3122-EZR	3122,B	110	236.0	22.5	3	34.4	702	22
FS InVISION	FS 60LX1 RIB	STX,B	110	235.4	20.6	19	37.2	714	17
Jung	7S671RIB	STX,B	107	235.2	20.1	4	36.2	717	16
NK Brand	NK0968-3111 GC	3111	109	234.3	21.2	3	34.4	706	20
Latham	LH5965VT2ProRIB	VT2P,B	109	232.6	21.1	23	35.3	702	23
NuTech/G2 Gen	X5FN-0909^	OI	109	232.4	20.1	7	32.5	708	19
Titan Pro	TP 58-10 SS	STX,B	110	232.3	22.2	2	32.5	693	24
Wyffels	W5516	VT2P	108	232.2	20.6	8	31.6	704	21
Dairyland	DS-9510SSX	STX	110	231.5	22.4	5	29.7	689	28
Cornelius	C633DP	VT2P	110	227.8	20.4	8	30.7	692	25
Stone	5848RIB	STX,B	108	227.1	20.2	6	33.5	691	26
Cornelius	C585DP	VT2P	109	226.5	20.1	20	32.5	690	27
Wyffels	W4968RIB	STX,B	107	224.5	20.3	2	36.2	683	29
NuTech	5VN-4707	3111	107	223.0	19.9	2	33.5	681	30
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	216.0	19.6	8	33.5	661	38

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Averages =	226.5	20.9	9	33.9	685
LSD (0.10) =	22.1	1.1	10		
LSD (0.25) =	11.6	0.6	5		
C.V. =	9.3	Prev. years average yield, 221.7 bu/a, 2 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: Emergence was not ideal at this location, it struggled through a lot of cool damp weather. Excess moisture early in the vegetative growth stage stressed the entire plot, taking some yield off the top end. There was a wide variety of stalk disease present, contributing to the lodging observed. Ears were nicely filled from pollination, but were shorter than other corn we have seen this year.

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Burrus	Power Plus 2B77^	AMXT,B	MQ,P5V	105	Stone	5348RIB	STX,B	AC,P5V	103
Cornelius	C385DP	VT2P	AC,P5V	103	Titan Pro	TP 53-03 2P	VT2P,B	AC,P5V	103
Cornelius	C452SS	STX	AC,P5V	105	Titan Pro	TP 61-01 3122A	3122,A,B	CM,C2	101
Cornelius	C461SS	STX	AC,P5V	107	Titan Pro	TP 75-01 SS	STX	AC,P5V	101
Dairyland	DS-6106	RR2	CM,C5,Vi,In	106	Titan Pro	TP 77-06 SS	STX	AC,P5V	106
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102	Wyffels	W2618RIB	STX,B	AC,P5V	104
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104	Wyffels	W3078RIB	STX,B	AC,P5V	106
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	Wyffels	W4196	VT2P	AC,P5V	105
Dekalb	DKC56-45RIB GC	STX,B	AC,P5V	106	Wyffels	W4796RIB	VT2P,B	AC,P2	106
Dyna-Gro	D45SS65	STX	AC,P5V	105					
FS InVISION	FS 52RL0 EZR	3120,B	AVC,C2,Vi	102					
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G05B91-3010	3010	AVC,C2,Vi	105					
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106					
Jung	53SS517RIB	STX,B	AC,P5V	103					
Jung	54SS528	STX,B	AC,P5V	104					
Jung	56DP538	VT2P,B	AC,P5V	106					
Kussmaul	SB-44V05	VT2P	AC,P2	106					
Kussmaul	SB-45V03RIB	VT2P,B	AC,P2	103					
Kussmaul	SS-46S03	STX	AC,P5V	103					
Latham	LH5245VT2Pro	VT2P	AC,P5V	102					
Latham	LH5339SSRIB	STX,B	AC,P5V	103					
Latham	LH5505VT2ProRIB	VT2P,B	AC,P2	105					
Latham	LH5635VT2Pro	VT2P	AC,P5V	106					
LG Seeds	LG5505STX	STX	AC,P5V	102					
LG Seeds	LG5507STXRIB	STX,B	AC,P5V	103					
LG Seeds	LG5530VT2P	VT2P	AC,P5V	105					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5Z-702^	OI	MQ,P1V,R	102					
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100					
Pfister	62A1SSR	STX,B	CM,C5,Vi,In	102					
Pfister	63A3SS	STX	CM,C5,Vi,In	103					
Pfister	66Y3PC	PC	CM,C5,Vi,In	106					
Pioneer	P0496AMX GC	AMX,AQ,B	MQ,P1V	104					
Pioneer	P0589AMXT CK	AMXT,AQ,B	MQ,P1V	105					
Renk	RK642SSSTX	STX	AC,P5V	103					
Renk	RK680SSSTX	STX,B	AC,P5V	103					
Renk	RK717SSSTX	STX,B	AC,P5V	105					
Renk	RK726SSSTX	STX	AC,P5V	106					

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Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Burrus	Power Plus 4A67^	OI	MQ,P5V	109	Renk	RK794DGVT2P	VT2P,DG,B	AC,P2	108
Burrus	Power Plus 4J95^	AMX,AQ,B	MQ,P5V	109	Renk	RK810SSTX	STX,B	AC,P5V	110
Cornelius	C564SS	STX	AC,P5V	108	Stone	5848RIB	STX,B	AC,P5V	108
Cornelius	C585DP	VT2P	CM,C2	109	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Cornelius	C633DP	VT2P	AC,P5V	110	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Dairyland	DS-6911	RR2	CM,C2	111	Wyffels	W4968RIB	STX,B	AC,P5V	107
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108	Wyffels	W5516	VT2P	AC,P5V	108
Dairyland	DS-9510SSX	STX	CM,C5,Vi,In	110	Wyffels	W6198RIB	STX,B	AC,P5V	109
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Wyffels	W6896	VT2P	AC,P5V	110
Dyna-Gro	D50SS51	STX	AC,P5V	110					
FS InVISION	FS 57TX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G09A86-3111	3111	AVC,C5,Vi	109					
Golden Harvest	G10T63-3122-EZR	3122,B	AVC,C5,Vi	110					
Jung	58SS537RIB	STX,B	AC,P5V	108					
Jung	61SS608	STX,B	AC,P5V	111					
Jung	7S671RIB	STX,B	AC,P5V	107					
Kussmaul	SS-45S08RIB	STX,B	AC,P5V	108					
Latham	LH5805VT2ProDGRIB	VT2P,DG,B	AC,P2	108					
Latham	LH5885VT2ProRIB	VT2P,B	AC,P2	108					
Latham	LH5965VT2ProRIB	VT2P,B	AC,P2	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5590VT2P GC	VT2P	AC,P5V	110					
LG Seeds	LG5606STX	STX	AC,P5V	111					
NK Brand	NK0968-3111 GC	3111	AVC,C5,Vi	109					
NK Brand	NK1066-3122-EZR	3122,B	AVC,C5,Vi	110					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	68A1RR	RR2	CM,C2	108					
Pfister	69E2SS	STX	CM,C5,Vi,In	109					
Pfister	70A1SSR	STX,B	CM,C5,Vi,In	110					
Pioneer	P0589AMXT CK	AMXT,AQ,B	MQ,P1V	105					
Pioneer	P0825AMXT GC	AMXT,B	MQ,P1V	108					
Renk	RK776SSTX	STX,B	AC,P5V	107					
Renk	RK792SSTX	STX,B	AC,P5V	108					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPMaxx [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPMaxx [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix [®] are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure [®] 3000GT (CB,RW,LL,GT)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL [®]
At	Actellic [®]	MQ	Maxim Quattro [®]
AVC	Avicta [®] Complete Corn	None	untreated
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme [®]	R	Raxil [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

** Seed treatments may include unspecified plant health promoting components.