

2015 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, Halex GT
SOIL DESCRIPTION: Osco/Harvard silt loam, mod. well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
PEST MANAGEMENT: Lumax, Force
FERTILITY - Applied N: 18 Fall, 160 Spring, 60 Planter
Applied N-P-K (units): 238-46-60
SEEDING - RATE - ROW: Apr 29 37,500 /A 30" spacing
HARVESTED - STAND: Oct 15 36,400 /A

Early-Season Test

101 - 106 Day CRM

B2015NCTS12a

Top 30 of 63

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
Titan Pro	TP 53-03 2P	VT2P	103	242.0	14.1	2	39.0	871	1
Kruger	K4R-9305	STX,B	105	239.2	14.4	2	36.2	861	2
NuTech/G2 Gen	5Z-906^	OI	106	237.3	16.2	1	33.5	846	4
Beck	XL 5665^	OIX	106	237.0	16.6	2	35.3	842	5
Jung	7S605RIB	STX,B	105	235.3	14.7	4	35.3	847	3
FS InVISION	FS 56VX1 RIB	STX,B	106	233.3	14.0	1	36.2	840	6
Dairyland	DS9203	STX	103	232.8	16.2	1	36.2	830	8
Cornelius	C533SS	STX	106	230.5	12.3	3	34.4	830	9
Stone	5118RIB	STX,B	101	229.6	12.1	2	39.0	827	10
NuTech/G2 Gen	5X-806^	HXT,RR2	106	228.7	15.3	1	39.0	821	12
Viking	D52-05RL	STX,B	105	228.3	12.7	1	36.2	822	11
Dekalb	DKC55-20RIB GC	STX,B	105	226.9	12.2	3	34.4	817	13
Kruger	K4R-9406	STX,B	106	226.8	13.0	3	40.0	816	14
Titan Pro	TP 37-06 SS	STX,B	106	225.4	14.7	1	32.5	811	15
Dyna-Gro	D43SS50	STX	103	224.6	14.4	1	37.2	809	16
Cornelius	C457SS	STX	105	223.8	15.4	5	36.2	803	20
Steyer	10503GENSSRIB	STX,B	105	223.7	13.6	3	38.1	805	17
LG Seeds	LG5502STXRIB	STX,B	102	223.4	14.0	1	36.2	804	18
FS InVISION	FS 52ZX1 RIB	STX,B	102	223.2	14.3	1	35.3	804	19
LG Seeds	LG5523STXRIB	STX,B	105	222.8	15.6	1	41.8	798	21
Titan Pro	TP 39-05 SS	STX,B	105	221.8	14.3	4	37.2	798	22
NuTech/G2 Gen	5Z-504^	OI	104	219.5	14.5	1	38.1	790	23
Stone	5518RIB	STX,B	105	219.3	14.2	4	33.5	789	24
NK Brand	N49W-3000GT GC	3000GT	102	219.1	12.1	2	35.3	789	25
FS InVISION	FS 54ZX1 RIB	STX,B	104	217.1	14.7	1	36.2	782	26
Viking	D91-06RL	STX	106	216.6	16.4	3	36.2	771	30
Renk	RK712SSTX	STX,B	106	216.3	13.8	2	38.1	779	27
Dekalb	DKC53-68RIB GC	STX,B	103	215.8	13.5	2	38.1	777	28
LG Seeds	LG5507STX	STX	103	214.8	13.3	3	38.1	773	29
NuTech/G2 Gen	5F-002^	AM,B	102	212.8	13.4	5	36.2	766	31
Pioneer	P0533AM1 CK	AM1,B	105	232.1	14.6	5	39.0	836	7

Jason Beyers

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Averages =	211.5	13.9	3	36.4	760
LSD (0.10) =	22.9	1.0	7		
LSD (0.25) =	15.9	0.7	5		
C.V. =	8.0	5.3			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.60; non-GMO = \$3.60

Test Comments: *This site received too much water in June, causing stunting of some plants. Most hybrids compensated well because pollination was good and kernel fill was excellent. The tests had a variety of diseases present, with the main ones being gray leaf spot and northern corn leaf blight. Stalk quality was still pretty good at the time of harvest. All lodging scores reflect root lodging.*

† 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: 10/16/2015 Revised:

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PEST MANAGEMENT: Lumax, Force
FERTILITY - Applied N: 18 Fall, 160 Spring, 60 Planter
Applied N-P-K (units): 238-46-60
SEEDING - RATE - ROW: Apr 29 37,500 /A 30" spacing
HARVESTED - STAND: Oct 15 36,700 /A

Full-Season Test
107 - 110 Day CRM
B2015NCTS12b

Top 30 of 63

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
Dairyland	DS9508RA	STX,B	108	252.2	19.7	1	35.3	872	1
NuTech/G2 Gen	5F-510^	AM,B	110	247.6	18.6	2	38.1	865	2
Titan Pro	TP 58-10 SS	STX	110	246.2	17.9	2	33.5	865	3
Burrus	Power Plus 4J95^	AMX,AQ,B	109	244.1	18.4	1	36.2	854	5
Renk	RK810SSTX	STX	109	243.6	17.9	2	33.5	856	4
Burrus	Power Plus 5C17^	AMXT,B	110	242.3	17.6	5	40.0	853	6
Pfister	X12546S2R4	STX,B	107	242.3	18.3	1	40.0	848	10
NuTech/G2 Gen	5F-709^	AM,B	109	240.5	17.2	3	38.1	850	7
NuTech	5N-410	3000GT	110	238.9	18.7	5	34.4	834	13
NuTech/G2 Gen	5Z-308^	OI	108	238.3	16.8	2	37.2	845	11
Cornelius	C621SS	STX	110	237.5	17.7	1	40.0	836	12
Renk	RK776SSTX	STX,B	107	236.0	15.1	4	36.2	849	8
Beck	XL 5828AMX^	AMX,AQ,B	110	236.0	19.0	2	36.2	821	19
Steyer	11004GENSS RIB	STX,B	110	235.8	14.9	4	36.2	849	9
Kruger	K4R-9511	STX,B	111	235.4	18.3	5	40.0	824	16
Cornelius	C594VT3P	VT3P	109	232.1	15.7	2	40.0	831	14
Steyer	11005GENSSRIB	STX,B	110	231.2	16.5	2	38.1	822	18
LG Seeds	LG5603STXRIB	STX,B	111	230.5	15.9	2	37.2	824	17
Pfister	67A1	HXT,RR2	107	226.7	17.1	6	36.2	802	25
Titan Pro	2M08-2P	VT2P,B	108	226.5	15.6	3	36.2	811	22
Cornelius	C574SS	STX	107	226.2	15.3	5	37.2	812	20
LG Seeds	LG5565STXRIB	STX,B	108	225.9	16.5	1	38.1	803	24
FS InVISION	FS 58QX1 RIB	STX,B	108	225.5	14.2	3	37.2	812	21
Titan Pro	2M07-SS	STX,B	107	225.1	13.7	2	37.2	810	23
Pioneer	P0832AMX	AMX,B	108	224.9	16.7	1	38.1	798	27
Wyffels	W7108RIB	STX,B	111	224.5	16.6	2	37.2	797	30
Kruger	K4R-9911	STX,B	111	223.8	16.2	3	36.2	798	28
Latham	LH5947VT3ProRIB	VT3P,B	109	223.4	16.0	1	33.5	798	29
Golden Harvest	G07F23-3111 GC	3111	107	222.9	14.2	2	36.2	802	26
Renk	RK752SSTX	STX,B	108	219.4	13.7	3	36.2	790	31
Pioneer	P0533AM1 CK	AM1,B	105	230.1	14.7	3	38.1	828	15
Averages =				217.9	16.4	3	36.7	774	
LSD (0.10) =				23.3	1.1	3			
LSD (0.25) =				16.2	0.8	2			
C.V. =				7.9	4.9				

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2015 Corn Grain - North Central Tri-State [NCTS]



Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Beck	XL 5665 [^]	OIX	Es,P1V	106	Renk	RK666SSTX CK	STX,B	AC,P5V	102
Champion	CSX54A15VT2ProRIB	VT2P,B	CM,C2	104	Renk	RK699SSTX	STX,B	AC,P5V	105
Champion	CSX56A13VT2ProRIB	VT2P,B	CM,C2	106	Renk	RK712SSTX	STX,B	AC,P5V	106
Cornelius	C380SS	STX	AC,P5V	104	Steyer	10102VT2PRIB	VT2P,B	CM,C2	101
Cornelius	C457SS	STX	AC,P5V	105	Steyer	10503GENSSRIB	STX,B	CM,C2	105
Cornelius	C533SS	STX	AC,P5V	106	Stone	5118RIB	STX,B	AC,P5V	101
Dairyland	DS9203	STX	CM,C5,Vi,In	103	Stone	5518RIB	STX,B	AC,P5V	105
Dairyland	DS9805	STX	CM,C5,Vi,In	105	Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106
Dekalb	DKC53-68RIB GC	STX,B	AC,P5V	103	Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102
Dekalb	DKC55-20RIB GC	STX,B	AC,P5V	105	Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105
Dyna-Gro	D43SS50	STX	AC,P5V	103	Titan Pro	TP 53-03 2P	VT2P	AC,P2	103
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	Viking	D52-05RL	STX,B	AC,P5V	105
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102	Viking	D83-03RL	STX	AC,P5V	103
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104	Viking	D91-06RL	STX	AC,P5V	106
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Wyffels	W2276RIB	VT2P,B	AC,P5V	100
Golden Harvest	G06N80-3111 GC	3111	AVC,C2,Vi	106	Wyffels	W3358RIB	STX,B	AC,P5V	103
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	Wyffels	W4796RIB	VT2P,B	AC,P2	106
Great Lakes	5470STXRIB	STX,B	AC,P5V	104	Wyffels	W4968RIB	STX,B	AC,P5V	107
Jung	7S605RIB	STX,B	AC,P5V	105					
Kruger	K4R-9304	STX,B	AC,P5V	105					
Kruger	K4R-9305	STX,B	AC,P5V	105					
Kruger	K4R-9406	STX,B	AC,P5V	106					
Kruger	K4R-9901	STX,B	AC,P5V	101					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5259SSRIB	STX,B	AC,P5V	102					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5659SSRIB	STX,B	AC,P5V	106					
LG Seeds	LG5502STXRIB	STX,B	AC,P5V	102					
LG Seeds	LG5507STX	STX	AC,P5V	103					
LG Seeds	LG5518STXRIB	STX,B	AC,P5V	104					
LG Seeds	LG5523STXRIB	STX,B	AC,P5V	105					
NK Brand	N49W-3000GT GC	3000GT	AVC,C2,Vi	102					
NK Brand	N58S-3111 GC	3111	AVC,C2,Vi	106					
NuTech/G2 Gen	5F-002 [^]	AM,B	MQ,P5V	102					
NuTech/G2 Gen	5X-806 [^]	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-504 [^]	OI	MQ,P1V	104					
NuTech/G2 Gen	5Z-906 [^]	OI	MQ,P1V	106					
Pfister	2385	HXT,RR2	CM,C5,Vi,In	104					
Pfister	2447RA	STX,B	CM,C5,Vi,In	106					
Pfister	65B1	STX	CM,C5,Vi,In	105					
Pioneer	P0496AMX	AMX,AQ,B	MQ,P1V	104					
Pioneer	P0533AM1 CK	AM1,B	MQ,C2	105					
Prairie Brand	5236SX	STX	CM,C5,Vi,In	102					
Prairie Brand	5385SX	STX	CM,C5,Vi,In	103					
Prairie Brand	5646SX	STX	CM,C5,Vi,In	106					

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Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Beck	5852	3111	Es,P1V	108	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Burrus	Power Plus 4J95^	AMX,AQ,B	MQ,P1V	109	Renk	RK752SSTX	STX,B	AC,P5V	108
Burrus	Power Plus 5C17^	AMXT,B	MQ,P5V	110	Renk	RK776SSTX	STX,B	AC,P5V	107
Champion	CSX57A16VT2Pro	VT2P	CM,C2	107	Renk	RK791SSTX	STX,B	AC,P5V	108
Champion	CSX59A16SSRIB	STX,B	CM,C2	109	Renk	RK810SSTX	STX	AC,P5V	109
Cornelius	C574SS	STX	AC,P5V	107	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Cornelius	C594VT3P	VT3P	CM,C2	109	Steyer	10904GENSSRIB	STX,B	CM,C2	109
Cornelius	C621SS	STX	AC,P5V	110	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Dairyland	DS9307RA	STX,B	CM,C5,Vi,In	107	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Dairyland	DS9409RA	STX,B	CM,C5,Vi,In	109	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Dairyland	DS9508RA	STX,B	CM,C2	108	Titan Pro	2M08-2P	VT2P,B	AC,P2	108
Dyna-Gro	D48SS38	STX	AC,P5V	108	Titan Pro	TP 58-10 SS	STX	AC,P5V	110
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Wyffels	W5138RIB	STX,B	AC,P5V	108
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W5448RIB	STX,B	AC,P5V	108
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	Wyffels	W6818	STX	AC,P5V	110
Golden Harvest	G07F23-3111 GC	3111	AVC,C2,Vi	107	Wyffels	W7108RIB	STX,B	AC,P5V	111
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	5918STXRIB	STX,B	AC,P5V	109					
Jung	7S691RIB	STX,B	AC,P5V	109					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	K4R-9911	STX,B	AC,P5V	111					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
Latham	LH5829SSRIB	STX,B	AC,P5V	108					
Latham	LH5947VT3ProRIB	VT3P,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	LG5591STXRIB	STX,B	AC,P5V	110					
LG Seeds	LG5603STXRIB	STX,B	AC,P5V	111					
NK Brand	N65D-3122EZRef GC	3122,B	AVC,C5	110					
NuTech	5N-410	3000GT	MQ,P5V	110					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	68A1	HXT,RR2	CM,C5,Vi,In	109					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pioneer	P0533AM1 CK	AM1,B	MQ,P1V	105					
Pioneer	P0832AMX	AMX,B	MQ,P1V	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. 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®, 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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
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)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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