

# 2016 Corn Grain Top 30 Harvest Report

North Central Tri-State [ NCTS ] LANCASTER  
Darrel Crapp, Grant County, WI 53820



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

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Roundup  
SOIL DESCRIPTION: Tama silt loam, mod. well drained, non-irrigated  
SOIL CONDITION: Conventional w/ fall till, high P, high K, 6.5 pH, 4% OM  
PEST MANAGEMENT: Acuron, Quadris, Endigo, Force  
FERTILITY - Applied N: 130 Spring, 51 Sidedress  
Applied N-P-K (units): 181-0-0  
SEEDING - RATE - ROW: Apr 26 35,100 /A 30" spacing  
HARVESTED - STAND: Oct 20 34,900 /A

## Early-Season Test

**101 - 106 Day CRM**  
B2016NCTS11a

## 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
Jung	7S605RIB	STX,B	105	<b>234.3</b>	16.6	7	36.2	739	2
NuTech/G2 Gen	5K-702^	OIXT	102	<b>233.0</b>	16.9	6	37.2	732	4
NorthStar	NS104-167GENSSRIB	STX,B	104	<b>232.7</b>	17.0	3	34.4	731	6
Latham	EX5339SS	STX	103	<b>232.3</b>	16.7	43	38.1	732	5
Cornelius	C408DP	VT2P	104	<b>232.2</b>	16.3	4	34.4	734	3
Pioneer	P0636AMX GC	AMX,AQ,B	106	<b>229.9</b>	17.9	3	35.3	716	11
Wyffels	W4796RIB	VT2P,B	106	228.6	16.3	3	36.2	723	8
Dekalb	DKC53-56RIB GC	STX,B	103	228.0	15.7	1	37.2	725	7
Pioneer	P0157AMX GC	AMX,AQ,B	101	228.0	17.1	4	36.2	715	12
Channel	203-01STXRIB	STX,B	103	226.8	16.0	5	34.4	719	9
LG Seeds	LG5499STXRIB	STX,B	100	225.3	15.4	7	38.1	718	10
Cornelius	C457SS	STX	105	224.6	17.2	16	34.4	704	13
Pioneer	P0339AMXT GC	AMXT,AQ,B	103	224.0	16.9	4	38.1	704	14
NuTech/G2 Gen	5Z-503^	OI	103	222.3	17.1	3	37.2	697	17
Cornelius	C449DP	VT2P	105	221.6	16.4	10	33.5	700	16
Titan Pro	TP 53-03 2P	VT2P,B	103	220.7	16.7	10	36.2	695	18
Renk	RK717SSTX	STX	105	219.8	16.2	30	36.2	695	19
Jung	7S522RIB	STX,B	102	219.3	15.1	2	33.5	701	15
Dekalb	DKC52-84RIB GC	STX,B	102	217.2	15.4	2	37.2	692	20
Dairyland	DS-9403	STX	103	217.2	15.8	8	35.3	690	22
Renk	RK675DGV2P	VT2P,DG,B	103	217.0	15.3	3	31.6	692	21
FS InVISION	FS 54ZX1 RIB	STX,B	104	216.4	16.7	2	32.5	681	23
Latham	LH5509SSRIB	STX,B	105	216.4	17.7	31	34.4	675	29
Jung	53SS517RIB	STX,B	103	216.2	17.2	2	31.6	678	27
Jung	52SS507RIB	STX,B	102	214.8	16.1	3	34.4	680	26
Renk	RK680SSTX	STX,B	103	214.1	15.7	2	31.6	681	24
FS InVISION	FS 52ZX1 RIB	STX,B	102	214.1	15.6	4	40.0	681	25
Wyffels	W1968	STX	101	212.9	15.9	3	36.2	676	28
NorthStar	NS102-168DGV2P	VT2P,DG	102	211.1	15.3	12	35.3	674	30
Titan Pro	TP 58-01 2P	VT2P,B	101	210.8	15.5	3	34.4	671	31
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	<b>238.5</b>	17.2	4	37.2	747	1

Jason Beyers

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Averages = **213.5** **16.4** **8** **34.9** **674**

LSD (0.10) = 15.4 0.4 12

LSD (0.25) = 10.7 0.3 8

C.V. = 5.3 Prev. years average yield, 195.3 bu/a, 16 yrs

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

**Test Comments:** *Planting conditions were great as well as emergence. Corn was nice and uniform early in the season and weather continued to be fair during vegetative growth. Plants experienced stress during pollination based on ear appearance. Northern corn leaf blight and common rust were present. Plot was plagued with some late season emerging foxtail, but overall, the plot produced really decent data.*

† 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: 10/20/2016 Revised:

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SOIL DESCRIPTION: Tama silt loam, mod. well drained, non-irrigated  
SOIL CONDITION: Conventional w/ fall till, high P, high K, 6.5 pH, 4% OM  
PEST MANAGEMENT: Acuron, Quadris, Endigo, Force  
FERTILITY - Applied N: 130 Spring, 51 Sidedress  
Applied N-P-K (units): 181-0-0  
SEEDING - RATE - ROW: Apr 26 35,100 /A 30" spacing  
HARVESTED - STAND: Oct 20 34,900 /A

**Full-Season Test**  
**107 - 110 Day CRM**  
B2016NCTS11b

**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
Channel	210-26STXRIB	STX,B	110	<b>247.5</b>	18.4	6	38.1	767	1
Cornelius	C621SS	STX	110	<b>243.6</b>	18.3	2	35.3	755	3
Channel	207-27STXRIB	STX,B	107	<b>239.1</b>	18.0	3	38.1	744	5
Steyer	10707GENSS	STX	107	<b>238.7</b>	16.7	16	33.5	752	4
Channel	209-53STXRIB	STX,B	109	<b>238.3</b>	18.4	2	36.2	738	8
Latham	LH5965VT2Pro	VT2P	109	<b>237.1</b>	17.8	14	36.2	739	7
Jung	7S671RIB	STX,B	107	<b>236.8</b>	17.2	3	33.5	742	6
Renk	RK776SSTX	STX,B	107	<b>234.8</b>	18.5	11	34.4	727	9
Latham	LH6045VT2ProRIB	VT2P,B	110	<b>234.7</b>	18.7	3	36.2	725	10
NuTech/G2 Gen	5F-308^	AM,B	108	232.6	18.4	6	37.2	721	11
Stone	6068RIB	STX,B	110	231.4	18.5	6	38.1	716	13
NuTech	5N-410	3000GT	110	231.3	18.3	3	34.4	717	12
Dairyland	DS-9508RA	STX,B	108	230.8	18.9	3	34.4	712	17
Renk	RK810SSTX	STX,B	110	230.4	18.3	5	34.4	714	15
Titan Pro	TP 58-10 SS	STX,B	110	230.0	18.1	3	35.3	715	14
FS InVISION	FS 60LX1	STX	110	229.4	17.9	6	34.4	714	16
Wyffels	W7108RIB	STX,B	111	228.1	18.1	12	33.5	709	18
LG Seeds	LG5548STXRIB	STX,B	108	227.0	18.1	2	37.2	705	21
NuTech/G2 Gen	5F-710^	AM,B	110	226.3	17.6	11	35.3	707	20
Steyer	11005GENSSRIB	STX,B	110	225.8	17.8	6	32.5	704	22
Cornelius	C574DP	VT2P	107	225.2	16.9	5	37.2	708	19
Dekalb	DKC60-87RIB GC	STX,B	110	222.6	18.1	17	34.4	692	26
Pioneer	P0825AMXT GC	AMXT,B	108	222.2	17.5	10	36.2	694	25
Titan Pro	TP 59-08 SS	STX,B	108	222.0	17.0	22	33.5	697	23
FS InVISION	FS 57TX1	STX	107	220.2	16.4	1	35.3	695	24
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	218.3	18.5	3	33.5	676	30
Wyffels	W4968RIB	STX,B	107	218.0	16.3	6	35.3	689	27
Latham	LH5715VT2ProRIB	VT2P,B	107	217.8	16.7	10	34.4	686	28
Renk	RK792SSTX	STX	108	217.3	17.6	26	28.8	678	29
LG Seeds	LG5565STXRIB	STX,B	108	215.4	17.1	6	35.3	676	31
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	<b>244.5</b>	17.6	6	35.3	763	2

Jason Beyers

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Averages = **221.0** **17.8** **10** **34.9**

LSD (0.10) = 12.1 0.5 13

LSD (0.25) = 8.4 0.3 9

C.V. = 4.0 Prev. years average yield, 195.3 bu/a, 16 yrs

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

**Test Comments:** *Planting conditions were great as well as emergence. Corn was nice and uniform early in the season and weather continued to be fair during vegetative growth. Plants experienced stress during pollination based on ear appearance. Northern corn leaf blight and common rust were present. Plot was plagued with some late season emerging foxtail, but overall, the plot produced really decent data.*

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2016 Corn Grain - North Central Tri-State [ NCTS ]



**Early-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Channel	203-01STXRIB	STX,B	AC,P5V	103	Stone	5218RIB	STX,B	AC,P5V	102
Cornelius	C408DP	VT2P	CM,C2	104	Titan Pro	TP 31-01 3011A	3011,A	CM,C2	101
Cornelius	C449DP	VT2P	CM,C2	105	Titan Pro	TP 53-03 2P	VT2P,B	AC,P2	103
Cornelius	C457SS	STX	AC,P5V	105	Titan Pro	TP 58-01 2P	VT2P,B	AC,P2	101
Dairyland	DS-9106	STX	CM,C5,Vi,In	106	Titan Pro	TP 67-02 SS	STX	AC,P2	102
Dairyland	DS-9204	STX	CM,C5,Vi,In	104	Wyffels	W1968	STX	AC,P5V	101
Dairyland	DS-9403	STX	CM,C5,Vi,In	103	Wyffels	W2198	STX	AC,P5V	100
Dairyland	DS-9802	STX	CM,C5,Vi,In	102	Wyffels	W3228RIB	STX,B	AC,P5V	103
Dekalb	DKC52-84RIB GC	STX,B	ACHD,P5V	102	Wyffels	W4796RIB	VT2P,B	AC,P2	106
Dekalb	DKC53-56RIB GC	STX,B	ACHD,P5V	103					
Dyna-Gro	D45SS65	STX	AC,P5V	105					
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102					
FS InVISION	FS 53UX1	STX	AC,P5V	103					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
Jung	52SS507RIB	STX,B	AC,P5V	102					
Jung	53SS517RIB	STX,B	AC,P5V	103					
Jung	7S522RIB	STX,B	AC,P5V	102					
Jung	7S605RIB	STX,B	AC,P5V	105					
Latham	EX5339SS	STX	AC,P5V	103					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5402RR	RR2	AC,P2	104					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5520STX	STX	AC,P5V	105					
NorthStar	D91-06RL	STX,B	AC,P5V	106					
NorthStar	NS102-168DGV2P	VT2P,DG	AC,P2	102					
NorthStar	NS104-167GENSSRIB	STX,B	AC,P5V	104					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5H-806^	HX,RR2	MQ,P5V,R	106					
NuTech/G2 Gen	5K-702^	OIXT	MQ,P1V,R	102					
NuTech/G2 Gen	5Z-503^	OI	MQ,P1V,R	103					
Pfister	61C1VX	HXT,RR2	CM,C5,Vi,In	101					
Pfister	62A1VX	HXT,RR2	CM,C5,Vi,In	102					
Pfister	65B1VX	HXT,RR2	CM,C5,Vi,In	105					
Pfister	X14503VX	HXT,RR2	CM,C5,Vi,In	103					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2,R	101					
Pioneer	P0339AMXT GC	AMXT,AQ,B	MQ,C2,Lu,R	103					
Pioneer	P0589AMXT CK	AMXT,AQ,B	MQ,C2,Lu	105					
Pioneer	P0636AMX GC	AMX,AQ,B	MQ,P1V	106					
Renk	RK666SSTX	STX,B	AC,P5V	102					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					
Renk	RK717SSTX	STX	AC,P5V	105					
Steyer	10304VT2PRO	VT2P	AC,P5V	103					
Steyer	10503GENSSRIB	STX,B	CM,C2	105					

2016 Corn Grain - North Central Tri-State [ NCTS ]



**Full-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Burrus	Power Plus 4J95^	AMX,AQ,B	MQ,P5V	109	Stone	6068RIB	STX,B	AC,P5V	110
Channel	207-27STXRIB	STX,B	AC,P5V	107	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Channel	209-53STXRIB	STX,B	AC,P5V	109	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Channel	210-26STXRIB	STX,B	AC,P5V	110	Titan Pro	TP 66-10 2P	VT2P,B	AC,P2	110
Cornelius	C574DP	VT2P	CM,C2	107	Wyffels	W4968RIB	STX,B	AC,P5V	107
Cornelius	C585DP	VT2P	CM,C2	109	Wyffels	W5448RIB	STX,B	AC,P5V	108
Cornelius	C621SS	STX	AC,P5V	110	Wyffels	W6198	STX	AC,P5V	109
Dairyland	DS-9110	STX	CM,C1,Vi,In	110	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dairyland	DS-9508RA	STX,B	CM,C2	108					
Dairyland	DS-9911	STX	CM,C5,Vi,In	111					
Dekalb	DKC60-87RIB GC	STX,B	AC,P5V	110					
Dyna-Gro	D46SS62	STX	AC,P5V	106					
FS InVISION	FS 57TX1	STX	AC,P5V	107					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
FS InVISION	FS 60LX1	STX	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Jung	58SS537RIB	STX,B	AC,P5V	108					
Jung	60SS607RIB	STX,B	AC,P5V	110					
Jung	7S671RIB	STX,B	AC,P5V	107					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
Latham	LH5885VT2ProRIB	VT2P,B	AC,P2	108					
Latham	LH5965VT2Pro	VT2P	AC,P5V	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	5N-607	3000GT	MQ,P5V,R	107					
NuTech	X5V-0707	3111	AVC,C2,Vi	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5F-710^	AM,B	MQ,P5V,R	110					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	68A1VX	HXT,RR2	CM,C5,Vi,In	108					
Pfister	69B1VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pioneer	P0589AMXT CK	AMXT,AQ,B	MQ,C2,Lu	105					
Pioneer	P0825AMXT GC	AMXT,B	MQ,P1V	108					
Renk	RK776SSTX	STX,B	AC,P5V	107					
Renk	RK791SSTX	STX,B	AC,P5V	108					
Renk	RK792SSTX	STX	AC,P5V	108					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Steyer	10707GENSS	STX	AC,P5V	107					
Steyer	10806GENSSRIB	STX,B	CM,C2	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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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\*\*

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	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	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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