

2016 Corn Grain Top 30 Harvest Report
 North Central Tri-State [NCTS] MANCHESTER
 John Crock, Delaware County, IA 52057



PREV. CROP/HERB: Corn, 2+ yr / Cadence ATZ, Roundup WeatherMax
 SOIL DESCRIPTION: Kenyon/Clyde-Floyd loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, high P, high K, 6.1 pH, 3.4% OM
 PEST MANAGEMENT: Harness Xtra, Roundup WeatherMax, Granite, Alpine, Force
 FERTILITY - Applied N: 111 Fall, 100 Spring
 Applied N-P-K (units): 211-52-120
 SEEDING - RATE - ROW: Apr 25 37,500 /A 30" spacing
 HARVESTED - STAND: Oct 7 35,900 /A

Early-Season Test
101 - 106 Day CRM
 B2016NCTS09a

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
Titan Pro	TP 58-01 2P	VT2P,B	101	232.0	18.3	1	36.2	719	1
Titan Pro	TP 53-03 2P	VT2P,B	103	227.7	19.5	10	35.3	698	2
Cornelius	C449DP	VT2P	105	223.3	19.5	12	35.3	684	3
NorthStar	NS104-167GENSSRIB	STX,B	104	222.5	20.7	8	36.2	674	5
Channel	203-01STXRIB	STX,B	103	221.1	20.1	2	39.0	674	6
Dekalb	DKC53-56RIB GC	STX,B	103	220.1	19.1	3	36.2	677	4
Pioneer	P0636AMX GC	AMX,AQ,B	106	218.9	21.8	5	33.5	656	10
Cornelius	C408DP	VT2P	104	218.4	19.5	13	38.1	669	7
NorthStar	NS102-168DGV2P	VT2P,DG	102	214.2	18.7	5	37.2	662	8
Wyffels	W4796RIB	VT2P,B	106	214.2	19.4	5	35.3	657	9
NuTech/G2 Gen	5Z-503^	OI	103	214.0	20.0	3	36.2	653	12
Jung	53SS517RIB	STX,B	103	213.9	20.7	6	37.2	648	15
Dyna-Gro	D45SS65	STX	105	213.5	21.1	18	37.2	644	17
Renk	RK717SSTX	STX	105	212.9	20.6	12	37.2	646	16
Stone	5218RIB	STX,B	102	212.6	19.6	2	37.2	651	13
Wyffels	W2198	STX	100	209.4	18.0	4	38.1	651	14
Dairyland	DS-9403	STX	103	209.3	20.7	3	30.7	634	23
Pioneer	P0339AMXT GC	AMXT,AQ,B	103	208.2	20.3	6	38.1	633	24
Jung	52SS507RIB	STX,B	102	208.1	19.6	6	31.6	637	20
NuTech/G2 Gen	5K-702^	OIXT	102	208.0	19.4	11	33.5	638	18
Jung	7S605RIB	STX,B	105	207.3	19.4	10	38.1	636	21
Wyffels	W3228RIB	STX,B	103	206.9	18.8	5	36.2	638	19
Titan Pro	TP 31-01 3011A	3011,A	101	206.6	19.0	5	38.1	636	22
Dekalb	DKC52-84RIB GC	STX,B	102	202.1	19.2	5	37.2	621	26
NuTech/G2 Gen	5F-504^	AM,B	104	200.6	19.9	5	33.5	612	27
Latham	EX5339SS	STX	103	200.2	20.6	19	36.2	607	29
Renk	RK675DGV2P	VT2P,DG,B	103	199.2	17.3	7	40.9	624	25
Pioneer	P0157AMX GC	AMX,AQ,B	101	198.3	19.9	6	39.0	605	31
Steyer	10304VT2PRO	VT2P	103	197.6	18.5	7	35.3	612	28
Dairyland	DS-9802	STX	102	197.3	19.2	4	40.0	607	30
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	216.7	20.7	9	40.0	656	11

Jason Beyers
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Averages =	202.0	19.8	9	35.9	617
LSD (0.10) =	17.7	0.9	15		
LSD (0.25) =	12.4	0.7	10		
C.V. =	6.5	Prev. years average yield, 187.8 bu/a, 15 yrs			

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

Test Comments: *This location started off good with excellent emergence and was really uniform at V3-V4 growth stage. Good rainfall for most of the season, but there were periods when it received heavy amounts. This farm is patterned tilled, which drained any excess water from within the plot area. Stalk quality on several of the hybrids was starting to deteriorate quickly, with some anthracnose present.*

† 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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 FERTILITY - Applied N: 111 Fall, 100 Spring
 Applied N-P-K (units): 211-52-120
 SEEDED - RATE - ROW: Apr 25 37,500 /A 30" spacing
 HARVESTED - STAND: Oct 7 35,900 /A

Full-Season Test
107 - 110 Day CRM
 B2016NCTS09b

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	209-53STXRIB	STX,B	109	240.7	22.6	6	38.1	715	1
Channel	210-26STXRIB	STX,B	110	236.8	23.8	8	40.0	695	4
Latham	LH5965VT2Pro	VT2P	109	236.5	21.3	11	38.1	712	2
NuTech/G2 Gen	5F-308^	AM,B	108	234.9	21.5	1	37.2	706	3
Cornelius	C574DP	VT2P	107	225.0	21.0	5	36.2	680	5
Wyffels	W5448RIB	STX,B	108	224.8	21.5	5	36.2	676	6
NuTech	5N-410	3000GT	110	221.7	23.4	4	35.3	654	9
Jung	7S671RIB	STX,B	107	220.2	21.3	3	37.2	663	7
Cornelius	C621SS	STX	110	219.8	21.7	3	36.2	659	8
Titan Pro	TP 58-10 SS	STX,B	110	219.7	22.4	10	38.1	654	10
LG Seeds	LG5548STXRIB	STX,B	108	218.9	22.8	13	35.3	649	11
Latham	LH5885VT2ProRIB	VT2P,B	108	216.9	22.4	7	38.1	646	13
Channel	207-27STXRIB	STX,B	107	215.7	22.1	6	39.0	644	14
Latham	LH6045VT2ProRIB	VT2P,B	110	215.3	24.3	11	35.3	629	20
Steyer	11005GENSSRIB	STX,B	110	215.0	22.6	3	39.0	639	16
NuTech/G2 Gen	5F-710^	AM,B	110	213.5	21.2	16	35.3	643	15
LG Seeds	LG5565STXRIB	STX,B	108	212.1	21.3	3	33.5	639	17
Steyer	10707GENSS	STX	107	211.2	21.0	14	31.6	638	18
Renk	RK791SSTX	STX,B	108	210.2	21.3	2	29.7	633	19
Stone	6068RIB	STX,B	110	210.0	23.4	4	38.1	619	22
Dairyland	DS-9911	STX	111	208.8	23.2	10	38.1	617	23
Dekalb	DKC60-87RIB GC	STX,B	110	208.8	23.1	22	38.1	617	24
NuTech/G2 Gen	5F-510^	AM,B	110	206.3	23.2	5	38.1	609	30
NuTech	X5V-0707	3111	107	205.8	20.8	11	38.1	623	21
Renk	RK810SSTX	STX,B	110	205.3	22.7	2	32.5	610	28
Wyffels	W7108RIB	STX,B	111	205.2	22.0	4	34.4	614	25
FS InVISION	FS 60QV1 RIB	VT2P,B	110	205.1	22.4	10	31.6	611	26
Cornelius	C585DP	VT2P	109	204.7	22.1	22	39.0	611	27
FS InVISION	FS 60LX1	STX	110	203.9	22.0	6	26.9	610	29
NuTech	5N-607	3000GT	107	203.9	22.3	2	29.7	608	31
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	213.4	20.4	7	39.0	648	12

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Averages =	206.6	22.3	12	35.9	616
LSD (0.10) =	18.2	0.9	13		
LSD (0.25) =	12.7	0.6	9		
C.V. =	6.5	Prev. years average yield, 187.8 bu/a, 15 yrs			

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

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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
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 Boreer	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.