

2016 Corn Grain Top 30 Performance Summary for North Central Tri-State [NCTS]



Early-Season Test

101 - 106 Day CRM

B2016NCTSa

Top 30 of 54

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Lancaster	Miles			Postville
				Bu/A ↓	%	%	\$/A	Rank		Manchester	Milledgeville	Pearl City	
Dyna-Gro	D45SS65	STX	105	250.4	18.2	13	777	1	204.5	213.5	278.5	276.2	279.1
Renk	RK717SSTX	STX	105	249.7	18.0	15	777	2	219.8	212.9	276.4	279.9	259.6
NorthStar	NS104-167GENSSRIB	STX,B	104	249.2	18.1	5	774	3	232.7	222.5	263.7	259.2	268.1
Cornelius	C408DP	VT2P	104	247.2	17.5	5	773	4	232.2	218.4	248.1	270.3	266.9
Latham	EX5339SS	STX	103	245.2	18.2	18	761	9	232.3	200.2	271.6	266.2	255.8
Jung	7S605RIB	STX,B	105	244.5	17.7	5	763	6	234.3	207.3	268.7	254.5	257.6
NuTech/G2 Gen	5K-702^	OIXT	102	244.5	17.7	6	763	7	233.0	208.0	269.5	258.8	253.1
Titan Pro	TP 53-03 2P	VT2P,B	103	244.2	17.8	7	761	10	220.7	227.7	264.1	252.8	255.9
Cornelius	C449DP	VT2P	105	243.6	17.4	9	762	8	221.6	223.3	267.8	248.0	257.2
NuTech/G2 Gen	5Z-503^	OI	103	242.5	17.9	4	755	12	222.3	214.0	255.0	263.2	258.1
Wyffels	W4796RIB	VT2P,B	106	242.4	17.4	4	758	11	228.6	214.2	262.5	260.1	246.4
Channel	203-01STXRIB	STX,B	103	240.5	17.2	5	754	13	226.8	221.1	239.2	261.3	254.2
Pioneer	P0636AMX GC	AMX,AQ,B	106	238.7	19.0	3	735	17	229.9	218.9	248.3	243.1	253.5
Dekalb	DKC53-56RIB GC	STX,B	103	236.3	16.8	2	743	14	228.0	220.1	244.3	244.5	244.5
LG Seeds	LG5499STXRIB	STX,B	100	235.9	16.9	5	741	15	225.3	192.9	259.2	260.3	241.9
Pioneer	P0157AMX GC	AMX,AQ,B	101	235.4	17.9	5	733	18	228.0	198.3	244.8	257.6	248.1
Cornelius	C457SS	STX	105	234.4	18.7	12	724	22	224.6	195.4	245.0	267.1	239.7
NorthStar	NS102-168DGV2P	VT2P,DG	102	234.3	16.6	5	739	16	211.1	214.2	257.6	250.2	238.6
Pioneer	P0339AMXT GC	AMXT,AQ,B	103	232.0	18.2	5	720	26	224.0	208.2	234.9	246.8	245.9
NuTech/G2 Gen	5H-806^	HX,RR2	106	231.4	17.5	4	723	23	207.2	195.6	265.1	240.0	248.9
Jung	52SS507RIB	STX,B	102	231.3	17.2	3	725	20	214.8	208.1	246.2	245.6	241.8
Jung	7S522RIB	STX,B	102	231.0	16.3	2	730	19	219.3	188.2	247.1	251.0	249.2
Wyffels	W1968	STX	101	230.8	17.0	3	725	21	212.9	194.9	260.1	248.6	237.4
Stone	5218RIB	STX,B	102	229.5	17.1	3	720	27	201.6	212.6	245.2	235.9	252.3
Dairyland	DS-9403	STX	103	229.4	17.8	5	715	29	217.2	209.3	267.4	218.3	234.9
Wyffels	W3228RIB	STX,B	103	229.2	16.8	3	721	25	208.3	206.9	253.8	233.2	243.7
Titan Pro	TP 58-01 2P	VT2P,B	101	228.8	16.4	2	723	24	210.8	232.0	237.2	233.3	230.5
FS InVISION	FS 52ZX1 RIB	STX,B	102	228.4	17.4	4	714	30	214.1	195.3	242.2	240.9	249.5
Pfister	62A1VX	HXT,RR2	102	228.4	17.4	9	714	31	211.7	191.5	261.5	247.3	230.0
Renk	RK675DGV2P	VT2P,DG,B	103	226.2	16.2	3	716	28	217.0	199.2	235.1	237.5	242.0
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	247.3	18.4	5	766	5	238.5	216.7	275.9	265.6	239.7

Test lost to accidental herbicide application

 Jason Beyers beyers@frontiernet.net, (815) 985-7369	Averages =	230.1	17.6	6	718	213.5	202.0	249.6	243.6	241.6
	LSD (0.10) =	11.3	0.5	5		15.4	17.7	18.2	18.6	14.2
	LSD (0.25) =	7.9	0.3	4		10.7	12.4	12.7	13.0	9.9

Previous years average yield for region, 2011.1 bu/a, 16 yrs

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/30/2016 Revised:

2016 Corn Grain Top 30 Performance Summary for North Central Tri-State [NCTS]



Full-Season Test
107 - 110 Day CRM

B2016NCTsb

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Lancaster	Manchester	Miles Milledgeville	Pearl City	Postville
Channel	210-26STXRIB	STX,B	110	261.6	20.8	7	792	2	247.5	236.8	281.3	272.5	269.9
Latham	LH5965VT2Pro	VT2P	109	258.7	19.1	12	796	1	237.1	236.5	265.7	282.4	271.7
NuTech/G2 Gen	5F-308^	AM,B	108	257.0	19.7	3	786	3	232.6	234.9	285.9	268.3	263.4
Latham	LH6045VT2ProRIB	VT2P,B	110	255.6	20.8	7	773	4	234.7	215.3	278.1	267.5	282.2
Channel	209-53STXRIB	STX,B	109	254.2	20.6	3	771	6	238.3	240.7	272.9	255.3	263.6
Steyer	10707GENSS	STX	107	250.1	18.6	11	773	5	238.7	211.2	265.8	266.2	268.8
Cornelius	C621SS	STX	110	247.9	19.8	4	758	10	243.6	219.8	269.7	263.4	242.8
NuTech/G2 Gen	5F-710^	AM,B	110	247.4	19.1	12	761	9	226.3	213.5	269.2	266.7	261.2
Channel	207-27STXRIB	STX,B	107	246.8	19.6	4	756	11	239.1	215.7	253.4	259.5	266.1
Cornelius	C574DP	VT2P	107	246.6	18.7	4	762	8	225.2	225.0	268.0	266.7	248.0
Jung	7S671RIB	STX,B	107	245.3	18.9	4	756	12	236.8	220.2	263.0	257.2	249.1
Renk	RK776SSTX	STX,B	107	243.4	20.5	9	739	13	234.8	204.0	264.8	266.3	246.9
NuTech	5N-410	3000GT	110	242.3	20.4	5	736	16	231.3	221.7	278.6	253.5	226.3
LG Seeds	LG5548STXRIB	STX,B	108	242.0	20.0	6	738	14	227.0	218.9	255.8	251.4	257.1
Latham	LH5885VT2ProRIB	VT2P,B	108	241.0	19.6	7	738	15	214.4	216.9	258.6	251.9	263.4
FS InVISION	FS 60LX1	STX	110	241.0	19.8	6	736	17	229.4	203.9	260.6	258.1	252.9
Stone	6068RIB	STX,B	110	240.9	20.7	4	730	20	231.4	210.0	262.3	262.8	237.9
Cornelius	C585DP	VT2P	109	239.5	19.5	14	734	18	207.9	204.7	261.5	258.4	265.2
Titan Pro	TP 58-10 SS	STX,B	110	238.9	20.0	5	729	21	230.0	219.7	250.6	246.4	247.6
Renk	RK810SSTX	STX,B	110	237.3	20.1	4	723	25	230.4	205.3	255.6	240.0	255.2
Latham	LH5715VT2ProRIB	VT2P,B	107	237.1	18.8	14	732	19	217.8	202.8	270.6	245.7	248.6
Dyna-Gro	D46SS62	STX	106	236.9	19.3	16	728	22	210.0	200.3	272.6	260.7	241.1
NuTech/G2 Gen	5F-510^	AM,B	110	236.3	20.5	7	717	28	215.8	206.3	276.2	246.3	236.7
Augusta	A1108VT2ProRIB	VT2P,B	108	235.4	19.6	15	721	26	213.5	197.9	258.1	251.2	256.5
Dekalb	DKC60-87RIB GC	STX,B	110	235.3	20.1	12	717	29	222.6	208.8	244.3	263.2	237.6
Steyer	11005GENSSRIB	STX,B	110	235.2	20.0	4	717	30	225.8	215.0	247.1	241.8	246.2
Jung	58SS537RIB	STX,B	108	234.7	19.9	4	717	31	216.0	198.8	238.3	257.8	262.4
NuTech	X5V-0707	3111	107	234.6	18.6	6	725	23	200.7	205.8	267.1	256.6	243.0
FS InVISION	FS 58QX1 RIB	STX,B	108	233.7	18.4	13	724	24	210.0	196.7	255.1	262.1	244.4
Renk	RK791SSTX	STX,B	108	232.4	18.3	4	721	27	207.0	210.2	249.8	255.1	240.1
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	248.7	18.6	5	769	7	244.5	213.4	272.2	268.1	245.4

Test lost to accidental herbicide application

 Jason Beyers beyers@frontiernet.net, (815) 985-7369	Averages =	237.5	19.7	9	727	221.0	206.6	258.7	252.9	248.1
	LSD (0.10) =	10.7	0.5	7		12.1	18.2	19.8	13.3	17.8
	LSD (0.25) =	7.5	0.3	5		8.4	12.7	13.8	9.3	12.4

Previous years average yield for region, 2011.1 bu/a, 16 yrs

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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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
Channel	203-01STXRIB	STX,B	AC,P5V	103
Cornelius	C408DP	VT2P	CM,C2	104
Cornelius	C449DP	VT2P	CM,C2	105
Cornelius	C457SS	STX	AC,P5V	105
Dairyland	DS-9106	STX	CM,C5,Vi,In	106
Dairyland	DS-9204	STX	CM,C5,Vi,In	104
Dairyland	DS-9403	STX	CM,C5,Vi,In	103
Dairyland	DS-9802	STX	CM,C5,Vi,In	102
Dekalb	DKC52-84RIB GC	STX,B	ACHD,P5V	102
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 ^A	AM,B	MQ,P5V,R	104
NuTech/G2 Gen	5H-806 ^A	HX,RR2	MQ,P5V,R	106
NuTech/G2 Gen	5K-702 ^A	OIXT	MQ,P1V,R	102
NuTech/G2 Gen	5Z-503 ^A	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

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Renk	RK717SSTX	STX	AC,P5V	105
Steyer	10304VT2PRO	VT2P	AC,P5V	103
Steyer	10503GENSSRIB	STX,B	CM,C2	105
Stone	5218RIB	STX,B	AC,P5V	102
Titan Pro	TP 31-01 3011A	3011,A	CM,C2	101
Titan Pro	TP 53-03 2P	VT2P,B	AC,P2	103
Titan Pro	TP 58-01 2P	VT2P,B	AC,P2	101
Titan Pro	TP 67-02 SS	STX	AC,P2	102
Wyffels	W1968	STX	AC,P5V	101
Wyffels	W2198	STX	AC,P5V	100
Wyffels	W3228RIB	STX,B	AC,P5V	103
Wyffels	W4796RIB	VT2P,B	AC,P2	106

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



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108
Burrus	Power Plus 4J95^	AMX,AQ,B	MQ,P5V	109
Channel	207-27STXRIB	STX,B	AC,P5V	107
Channel	209-53STXRIB	STX,B	AC,P5V	109
Channel	210-26STXRIB	STX,B	AC,P5V	110
Cornelius	C574DP	VT2P	CM,C2	107
Cornelius	C585DP	VT2P	CM,C2	109
Cornelius	C621SS	STX	AC,P5V	110
Dairyland	DS-9110	STX	CM,C1,Vi,In	110
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

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Renk	RK810SSTX	STX,B	AC,P5V	110
Steyer	10707GENSS	STX	AC,P5V	107
Steyer	10806GENSSRIB	STX,B	CM,C2	108
Steyer	11005GENSSRIB	STX,B	CM,C2	110
Stone	6068RIB	STX,B	AC,P5V	110
Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Titan Pro	TP 66-10 2P	VT2P,B	AC,P2	110
Wyffels	W4968RIB	STX,B	AC,P5V	107
Wyffels	W5448RIB	STX,B	AC,P5V	108
Wyffels	W6198	STX	AC,P5V	109
Wyffels	W7108RIB	STX,B	AC,P5V	111

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

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