

2017 Corn Grain Top 30 Performance Summary for North Central Tri-State [NCTS]



Early-Season Test

101 - 106 Day CRM

B2017NCTSa

Top 30 of 54

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Lancaster			Pearl City		
				Bu/A ↓	%	%	\$/A	Rank	Manchester	Miles	Milledgeville	Postville		
Dekalb	DKC56-45RIB GC	STX,B	106	253.2	21.9	3	758	2	195.3	267.1	313.9	266.2	236.4	240.1
Wyffels	W4196	VT2P	105	251.8	20.4	2	765	1	183.4	262.3	288.1	276.0	230.1	270.8
Golden Harvest	G03C84-3120-EZR	3120,B	103	249.3	20.3	3	758	3	209.5	259.3	285.1	273.8	232.4	235.7
NuTech/G2 Gen	5F-504^	AM,B	104	245.4	21.0	2	741	5	200.7	257.9	272.4	267.7	241.7	232.1
Jung	56DP538	VT2P,B	106	245.0	20.7	3	742	4	182.3	247.6	292.0	267.7	233.2	247.4
Golden Harvest	G06Z97-3120-EZR	3120,B	106	244.4	21.3	2	736	8	170.5	242.1	301.1	276.0	228.8	247.9
Wyffels	W3078RIB	STX,B	106	244.0	21.5	2	733	10	216.3	246.1	277.6	257.5	234.8	231.6
Latham	LH5635VT2Pro	VT2P	106	242.3	20.0	4	739	6	163.6	256.8	306.1	267.6	225.2	234.7
Kussmaul	SB-44V05	VT2P	106	242.3	20.5	4	735	9	193.7	263.1	287.4	263.1	224.7	221.6
Dyna-Gro	D45SS65	STX	105	241.9	20.1	5	737	7	196.2	240.3	290.4	268.1	224.2	232.1
Titan Pro	TP 53-03 2P	VT2P,B	103	240.6	20.1	3	733	11	186.6	256.2	268.8	271.1	212.9	248.1
Cornelius	C461SS	STX	107	240.5	20.6	2	729	13	178.1	252.4	267.8	267.2	234.4	242.8
NuTech/G2 Gen	5Z-702^	OI	102	239.4	19.6	2	733	12	185.7	256.8	275.5	269.4	218.0	230.8
NuTech/G2 Gen	5F-503^	AM,B	103	237.8	19.8	2	727	14	188.0	256.0	251.6	270.4	228.0	232.6
FS InVISION	FS 55TX1 RIB	STX,B	105	237.6	21.7	2	713	18	207.9	248.2	271.1	257.6	224.2	216.3
Cornelius	C385DP	VT2P	103	235.4	19.6	3	721	15	177.3	244.5	276.5	249.3	217.4	247.4
Jung	53SS517RIB	STX,B	103	235.2	21.3	2	708	22	182.8	251.5	263.9	253.4	208.6	251.1
Latham	LH5339SSRIB	STX,B	103	234.7	20.1	3	715	17	194.2	249.6	269.1	262.1	221.4	211.7
Burrus	Power Plus 2B77^	AMXT,B	105	234.4	21.1	2	707	23	194.0	259.0	251.7	261.9	218.9	220.9
Dairyland	DS-6106	RR2	106	234.1	21.1	1	706	24	177.9	243.6	256.7	263.2	217.9	245.1
Wyffels	W2618RIB	STX,B	104	233.7	19.9	2	713	19	215.5	237.0	274.5	265.5	207.9	202.0
LG Seeds	LG5530VT2P	VT2P	105	232.7	20.7	7	705	25	180.6	229.8	286.8	265.9	223.3	209.8
Renk	RK717SSTX	STX,B	105	232.0	20.4	2	705	26	187.5	250.3	270.3	256.4	216.5	211.0
Jung	54SS528	STX,B	104	231.7	20.2	1	705	27	193.5	249.6	272.5	243.1	218.2	213.5
Latham	LH5245VT2Pro	VT2P	102	231.0	19.3	3	709	20	156.4	244.6	276.2	254.2	212.9	241.6
Golden Harvest	G01D24-3120-EZR	3120,B	101	230.5	19.2	4	709	21	156.9	230.4	275.3	268.2	218.9	233.3
Cornelius	C452SS	STX	105	230.5	20.4	4	700	29	160.4	246.8	283.6	259.5	218.4	214.4
Dekalb	DKC54-38RIB GC	STX,B	104	230.3	20.7	1	698	31	180.3	250.6	268.1	239.4	211.3	231.9
Dairyland	DS-9804SSX	STX	104	229.9	20.0	2	701	28	169.7	244.5	266.2	244.2	199.7	255.0
FS InVISION	FS 52ZX1 RIB	STX,B	102	229.7	20.1	2	700	30	193.2	256.0	244.1	265.4	204.1	215.1
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	237.7	21.4	2	715	16	182.9	257.6	279.1	258.9	220.6	227.2

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Averages =	230.2	20.4	3	700	181.2	243.4	264.1	253.4	213.5	225.8
LSD (0.10) =	9.3	0.5	1		21.0	12.8	16.4	13.0	18.9	22.2
LSD (0.25) =	4.9	0.3	1		11.0	6.7	8.6	6.8	9.9	11.6

Previous years average yield for region, 199.3 bu/a, 17 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.

Additional reports available at www.firstseedtests.com.

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Revised:

2017 Corn Grain Top 30 Performance Summary for North Central Tri-State [NCTS]



Full-Season Test

107 - 110 Day CRM

B2017NCTsb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Lancaster			Pearl City		
				Bu/A ↓	%	%	\$/A	Rank	Manchester	Miles	Milledgeville	Postville		
FS InVISION	FS 60LX1 RIB	STX,B	110	259.8	22.4	5	774	1	208.3	269.0	300.9	284.1	235.4	261.1
Jung	61SS608	STX,B	111	259.5	25.3	3	750	7	236.1	269.7	287.3	284.5	241.7	237.5
Wyffels	W6896	VT2P	110	259.1	23.7	2	761	4	210.3	253.3	304.2	293.7	247.7	245.6
Burrus	Power Plus 4A67^	OI	109	258.9	22.3	2	772	2	207.2	265.3	308.8	286.7	245.7	239.7
NuTech/G2 Gen	5F-308^	AM,B	108	257.3	22.8	2	763	3	184.0	281.5	303.2	285.7	246.4	242.9
Pioneer	P0825AMXT GC	AMXT,B	108	255.8	23.1	2	756	6	213.1	283.1	300.2	278.0	214.9	245.4
Jung	7S671RIB	STX,B	107	252.7	21.6	2	759	5	207.4	251.9	285.4	270.7	235.2	265.3
LG Seeds	LG5606STX	STX	111	252.6	24.2	3	739	10	174.8	266.0	308.9	288.7	253.2	224.1
LG Seeds	LG5548STXRIB	STX,B	109	250.9	23.2	1	741	9	217.5	261.4	295.0	270.1	220.8	240.8
Cornelius	C564SS	STX	108	250.3	23.9	2	734	14	220.7	249.5	287.7	261.4	236.1	246.2
Cornelius	C633DP	VT2P	110	249.5	22.0	2	746	8	209.7	260.7	262.7	274.8	227.8	261.5
FS InVISION	FS 59VL1 EZR	3220,B	109	249.5	23.1	5	738	11	206.0	252.1	301.1	272.7	236.0	229.3
LG Seeds	LG5590VT2P GC	VT2P	110	248.1	23.0	3	734	15	189.8	270.2	272.0	273.2	237.7	245.9
Wyffels	W5516	VT2P	108	247.5	22.3	2	738	12	192.7	259.9	278.9	275.1	232.2	246.0
NuTech/G2 Gen	5FB-1010^	AM,B	110	247.0	23.1	2	730	16	179.4	269.2	286.2	272.3	244.9	230.2
Dekalb	DKC58-06RIB GC	STX,B	108	246.9	22.1	5	737	13	202.7	258.3	272.3	280.3	241.1	226.7
Golden Harvest	G09A86-3111	3111	109	246.6	23.2	1	728	17	208.7	241.9	285.8	270.0	245.3	227.6
Jung	58SS537RIB	STX,B	108	246.5	23.3	2	727	18	233.5	262.2	281.0	253.9	241.6	206.8
Golden Harvest	G10T63-3122-EZR	3122,B	110	246.2	24.3	2	719	25	178.7	266.0	284.6	272.4	248.5	226.8
Latham	LH5965VT2ProRIB	VT2P,B	109	244.8	22.8	6	726	20	169.1	269.4	292.3	274.1	232.6	231.0
NK Brand	NK1066-3122-EZR	3122,B	110	244.6	24.5	1	713	30	193.5	243.1	283.9	267.6	236.0	243.2
NuTech/G2 Gen	X5FN-0909^	OI	109	244.4	23.2	5	722	23	190.7	275.1	282.7	272.6	232.4	212.6
Dairyland	DS-6911	RR2	111	243.7	22.2	5	727	19	185.4	255.9	298.1	263.5	212.3	247.0
NK Brand	NK0968-3111 GC	3111	109	242.4	23.2	2	716	26	206.7	258.7	274.7	271.8	234.3	207.9
Latham	LH5805VT2ProDGRIB	VT2P,DG,B	108	241.9	23.0	2	716	27	210.6	246.8	267.7	253.0	218.6	254.7
Pfister	68A1RR	RR2	108	241.8	22.0	5	723	22	192.3	259.1	286.3	251.7	218.7	242.8
FS InVISION	FS 57TX1 RIB	STX,B	107	241.5	21.4	2	726	21	214.9	236.1	273.9	261.2	215.8	247.3
NuTech	5VN-4707	3111	107	241.2	22.2	1	720	24	206.8	251.7	273.7	258.9	223.0	232.8
NuTech	5N-410	3000GT	110	240.7	22.7	5	715	29	177.9	252.6	295.5	263.5	209.1	245.5
Latham	LH5885VT2ProRIB	VT2P,B	108	239.8	22.2	5	716	28	178.5	258.6	279.4	245.0	239.9	237.5
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	235.2	21.8	3	705	34	178.7	253.2	282.6	254.0	216.0	226.9

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Averages =	241.6	23.0	3	715	197.6	255.4	277.0	262.2	226.5	231.0
LSD (0.10) =	8.6	0.6	2		16.7	13.4	13.3	12.0	22.1	19.4
LSD (0.25) =	4.5	0.3	1		8.8	7.0	7.0	6.3	11.6	10.2

Previous years average yield for region, 199.3 bu/a, 17 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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Revised:

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

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