

2018 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: Soybean / Roundup
SOIL DESCRIPTION: Osco-Ogle silt loam, well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, medium P, medium K, 5.8 pH, 3.3% OM, 13.8 CEC
PEST MANAGEMENT: Lumax, Halex GT, Quilt, Force
FERTILITY - Applied N: 55 Spring, 145 Sidedress
Applied N-P-K (units): 200-46-60
SEEDING - RATE - ROW: Apr 30 37,500 /A 30" spacing
HARVESTED - STAND: Sep 28 36,000 /A

Early-Season Test

101 - 106 Day CRM
B2018NCTS12a

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
Golden Harvest	G05K08-3010A	3010,A	105	248.6	18.3	5	36.6	908	1
NuTech/G2 Gen	5F-702	AM,B	102	233.9	18.5	1	37.5	853	2
Golden Harvest	G06Q68-3220-EZR	3220,B	106	233.6	18.8	1	36.6	849	3
Cornelius	C478DP	VT2P	106	232.1	18.7	1	35.7	845	4
Dairyland	DS-7603PE	PC,E	103	231.9	19.1	1	36.6	841	6
Pfister	63A3SSR	STX,B	103	231.0	18.3	1	37.5	843	5
LG Seeds	LG5525VT2RIB	VT2P,B	105	230.4	18.6	1	35.7	839	7
Jung	56SS538	STX,B	106	227.5	18.9	1	37.5	827	8
Stone	5638RIB	STX,B	106	227.1	19.0	1	37.5	824	11
Kussmaul	SS-44S05RIB	STX,B	105	226.7	18.5	1	34.8	826	10
Wyffels	W3488	STX	104	226.3	18.2	1	36.6	827	9
Wyffels	W4196RIB	VT2P,B	105	225.3	18.7	1	35.7	820	12
Jung	53SS517RIB	STX,B	103	224.0	18.4	1	34.0	817	13
Titan Pro	TP 77-06 SS	STX,B	106	222.5	18.2	1	34.8	813	14
Dekalb	DKC56-45RIB GC	STX,B	106	222.2	18.6	4	34.8	809	16
Burrus	Power Plus 2Y06^	AM,B	104	221.6	18.9	9	35.7	805	18
Latham	LH5245VT2ProRIB	VT2P,B	102	221.5	18.1	1	35.7	810	15
Dairyland	DS-7101	PC	101	221.2	19.2	6	34.0	802	20
Golden Harvest	G06Z97-3120-EZR	3120,B	106	221.1	18.9	20	35.7	803	19
NuTech/G2 Gen	5F-504	AM,B	104	220.5	18.2	1	35.7	806	17
Cornelius	C385DP	VT2P	103	219.2	18.3	1	34.8	800	22
Dyna-Gro	D47SS29RIB	STX,B	106	219.1	18.1	1	37.5	801	21
NuTech/G2 Gen	5F-503	AM,B	103	218.8	18.4	1	37.5	798	24
Hefty	H5524SS	STX	105	218.8	18.6	1	36.6	797	25
Renk	RK737VT2P	VT2P	106	218.8	18.9	1	36.6	795	26
Cornelius	C461SS	STX	106	218.6	18.2	1	36.6	799	23
Pioneer	P0157AMXT	AMXT,AQ,B	101	217.8	18.5	9	36.6	794	28
NK Brand	NK0330-3120-EZR	3120,B	103	217.7	18.3	4	34.0	795	27
Hefty	H5302VT2PRIB	VT2P,B	103	217.3	18.2	1	37.5	794	29
Wyffels	W2506	VT2P	101	217.1	18.2	1	35.7	793	30
Pioneer	P0707AMXT CK	AMXT,B	107	203.5	18.6	1	35.7	741	57

Jason Beyers

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Averages = **215.7** **18.4** **2** **36.0** **786**

LSD (0.10) = 16.9 0.4 5

LSD (0.25) = 8.9 0.2 3

C.V. = 7.4

Prev. years average yield, 225.9 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: *Stands were excellent at this location. For some unknown reason, there were two reps with lower yield than the third rep. A soybean test in this part of the field last year delivered nice and consistent yield results. Plants were short with low ear placement, it almost appears that those two reps may have been short on nitrogen. Very little disease present and stalk quality was still pretty good.*

† 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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 PEST MANAGEMENT: Lumax, Halex GT, Quilt, Force
 FERTILITY - Applied N: 55 Spring, 145 Sidedress
 Applied N-P-K (units): 200-46-60
 SEEDING - RATE - ROW: Apr 30 37,500 /A 30" spacing
 HARVESTED - STAND: Sep 28 35,900 /A

Full-Season Test
107 - 110 Day CRM
 B2018NCTS12b

Top 30 of 54

For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G08M20-3010	3010	108	242.1	19.3	17	36.2	877	1
Hefty	H5812VT2PRIB	VT2P,B	108	233.8	19.1	1	36.2	848	2
Hefty	H6004SSRIB	STX,B	110	227.4	19.1	1	34.8	825	3
Dairyland	DS-7909PE	PC,E	109	224.3	20.4	1	37.5	805	4
Jung	61SS608	STX,B	111	222.1	19.7	1	34.8	802	5
Cornelius	C573DP	VT2P	108	220.2	19.1	1	36.2	799	6
FS InVISION	FS 59VL1 EZR	3220,B	109	218.7	19.2	29	34.8	793	7
Pfister	68A1PE	PC,E	108	218.3	19.9	3	34.8	787	10
Hefty	H6024SS	STX,B	110	218.2	19.1	1	34.8	791	8
Latham	EX5917VT2Pro	VT2P	109	217.5	19.0	1	36.2	790	9
NuTech/G2 Gen	5FB-1010	AM,B	110	217.3	20.4	1	34.8	780	15
Cornelius	C577SS	STX	109	217.1	19.5	3	36.2	785	12
Hefty	H5922VT2P	VT2P	109	216.1	19.6	1	33.5	781	14
Latham	LH5725VT2Pro	VT2P	107	215.3	19.0	1	36.2	782	13
Cornelius	C633DP	VT2P	110	214.1	19.4	1	37.5	775	17
Latham	LH5965VT2ProRIB	VT2P,B	109	214.0	19.2	1	34.8	776	16
Latham	LH5819SSRIB	STX,B	108	212.8	19.6	1	36.2	769	18
Titan Pro	82-09 2P	VT2P,B	109	211.3	19.8	1	34.8	762	19
Dyna-Gro	D49SS70	STX	109	210.9	19.8	1	36.2	761	20
Wyffels	W6896RIB	VT2P,B	110	209.7	19.1	1	36.2	761	21
Pfister	69H1PE	PC,E	109	209.4	19.9	1	37.5	754	23
Jung	58SS537RIB	STX,B	108	208.1	19.0	1	36.2	755	22
Golden Harvest	G09A86-3000GT	3000GT	109	207.8	19.3	1	37.5	752	24
Dairyland	DS-6008	RR2	108	207.8	19.9	1	36.2	749	26
NuTech/G2 Gen	5FN-8808	OI	108	206.8	19.0	1	36.2	751	25
Wyffels	W6408	STX	110	206.8	19.5	1	37.5	748	28
FS InVISION	FS 60UX1 RIB	STX,B	110	205.8	20.3	1	37.5	739	29
Stone	5858RIB	STX,B	108	205.6	18.6	1	36.2	749	27
Dairyland	DS-9510RA	STX,B	110	204.5	20.1	1	36.2	736	31
Burrus	Power Plus 4Y34^	OI	108	202.9	19.0	1	36.2	737	30
Pioneer	P0707AMXT CK	AMXT,B	107	217.2	19.2	1	37.5	787	11

Jason Beyers
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Averages =	206.1	19.4	2	35.9	746
LSD (0.10) =	19.5	0.4	5		
LSD (0.25) =	10.2	0.2	3		
C.V. =	7.3			Prev. years average yield, 225.9 bu/a, 3 yrs	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

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Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Burrus	Power Plus 2B77 [^]	AMXT,B	CM,C2,R,Lu	105	Pfister	63A3SSR	STX,B	CM,C5,Vi,In	103
Burrus	Power Plus 2Y06 [^]	AM,B	CM,C2,R,Lu	104	Pfister	64F1PE	PC,E	CM,C5,Vi,In	104
Cornelius	C385DP	VT2P	CM,C2	103	Pfister	65G1SE	STX,E	CM,C5,Vi,In	105
Cornelius	C461SS	STX	AC,P5V	106	Pioneer	P0157AMXT	AMXT,AQ,B	MQ,P1V,R	101
Cornelius	C478DP	VT2P	AC,P5V	106	Pioneer	P0589AMXT GC	AMXT,AQ,B	MQ,P1V,R	105
Dairyland	DS-7101	PC	CM,C5,Vi,In	101	Pioneer	P0707AMXT CK	AMXT,B	MQ,P1V,R	107
Dairyland	DS-7106PE	PC,E	CM,C5,Vi,In	106	Renk	RK604SSSTX	STX	AC,P5V	102
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103	Renk	RK642SSSTX	STX,B	AC,P5V	103
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103	Renk	RK717SSSTX	STX,B	AC,P5V	105
Dekalb	DKC55-53RIB GC	STX,B	AC,P5V	105	Renk	RK737VT2P	VT2P	AC,P5V	106
Dekalb	DKC56-45RIB GC	STX,B	AC,P5V	106	Stone	5448RIB	STX,B	AC,P5V	104
Dyna-Gro	D43SS81	STX	AC,P5V	103	Stone	5638RIB	STX,B	AC,P5V	106
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106	Titan Pro	82-04 2P	VT2P,B	AC,P2	104
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101	Titan Pro	TP 77-06 SS	STX,B	AC,P5V	106
FS InVISION	FS 52RL0 EZR	3120,B	CM,C2,Vi	102	Wyffels	W2506	VT2P	AC,P2	101
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103	Wyffels	W3078RIB	STX,B	AC,P5V	106
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105	Wyffels	W3488	STX	AC,P5V	104
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103	Wyffels	W4196RIB	VT2P,B	AC,P5V	105
Golden Harvest	G05K08-3010A	3010,A	AVC,C2,Vi	105					
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106					
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106					
Hefty	H5302VT2PRIB	VT2P,B	HC	103					
Hefty	H5504SSRIB	STX,B	HC	105					
Hefty	H5522VT2P	VT2P	HC	105					
Hefty	H5524SS	STX	HC	105					
Jung	53SS517RIB	STX,B	AC,P5V	103					
Jung	54SS528	STX,B	AC,P5V	104					
Jung	56SS538	STX,B	AC,P5V	106					
Kussmaul	SB-44V02DGRIB	VT2P,DG,B	AC,P2	102					
Kussmaul	SB-45V03RIB	VT2P,B	AC,P2	103					
Kussmaul	SS-44S05RIB	STX,B	AC,P5V	105					
Kussmaul	SS-46S03RIB	STX,B	AC,P5V	103					
Latham	LH5245VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5487VT2Pro	VT2P	AC,P5V	104					
Latham	LH5505VT2ProRIB	VT2P,B	AC,P2	105					
Latham	LH5635VT2ProRIB	VT2P,B	AC,P2	106					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	102					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0624-3220-EZR GC	3220,B	AVC,C2,Vi	106					
NuTech/G2 Gen	5F-503	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5F-601	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5F-702	AM,B	MQ,P5V,R	102					
Pfister	60C2PC	PC	CM,C5,Vi,In	100					

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Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Burrus	Power Plus 4A67^	AMXT,B	CM,C2,R,Lu	109	Renk	RK815SSTX	STX,B	AC,P2	110
Burrus	Power Plus 4Y34^	OI	MQ,P1V,R	108	REV	1817AM	AM,B	MQ,P5V,R	109
Cornelius	C564SS	STX	AC,P5V	108	REV	2067AM	AM,B	MQ,P1V,R	110
Cornelius	C573DP	VT2P	CM,C2	108	Stone	5858RIB	STX,B	AC,P5V	108
Cornelius	C577SS	STX	AC,P5V	109	Titan Pro	82-09 2P	VT2P,B	AC,P2	109
Cornelius	C633DP	VT2P	CM,C2	110	Wyffels	W5518	STX	AC,P5V	109
Dairyland	DS-6008	RR2	CM,C5,Vi,In	108	Wyffels	W6408	STX	AC,P5V	110
Dairyland	DS-7909PE	PC,E	CM,C5,Vi,In	109	Wyffels	W6896RIB	VT2P,B	AC,P2	110
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108	Wyffels	W6956	VT2P	AC,P5V	111
Dairyland	DS-9510RA	STX,B	CM,C5,Vi,In	110					
Dyna-Gro	D49SS70	STX	AC,P5V	109					
FS InVISION	FS 57ZX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 60UX1 RIB	STX,B	AC,P5V	110					
Golden Harvest	G08D29-3120A-EZR	3120,A,B	AVC,C5,Vi	108					
Golden Harvest	G08M20-3010	3010	AVC,C5,Vi	108					
Golden Harvest	G09A86-3000GT	3000GT	AVC,C5,Vi	109					
Golden Harvest	G10T63-3122-EZR	3122,B	AVC,C5,Vi	110					
Hefty	H5812VT2PRIB	VT2P,B	HC	108					
Hefty	H5922VT2P	VT2P	HC	109					
Hefty	H6004SSRIB	STX,B	HC	110					
Hefty	H6024SS	STX,B	HC	110					
Jung	58SS529	STX,B	AC,P5V	108					
Jung	58SS537RIB	STX,B	AC,P5V	108					
Jung	61SS608	STX,B	AC,P5V	111					
Kussmaul	SS-45S08RIB	STX,B	AC,P5V	108					
Latham	EX5917VT2Pro	VT2P	AC,P5V	109					
Latham	LH5725VT2Pro	VT2P	AC,P5V	107					
Latham	LH5819SSRIB	STX,B	AC,P5V	108					
Latham	LH5965VT2ProRIB	VT2P,B	AC,P2	109					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
NuTech/G2 Gen	5F-308	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5FB-1010	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-9909	AM,B	CM,C2,R,Lu	109					
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	68A1PE	PC,E	CM,C5,Vi,In	108					
Pfister	69E2SSR	STX,B	CM,C5,Vi,In	109					
Pfister	69H1PE	PC,E	CM,C5,Vi,In	109					
Pioneer	P0707AMXT CK	AMXT,B	MQ,P1V,R	107					
Renk	RK763VT2P	VT2P,B	AC,P2	108					
Renk	RK779SSTX	STX	AC,P5V	108					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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