

2014 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] WOODSTOCK
Dan Sass, McHenry County, IL 60098



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

PREV. CROP/HERB: Soybean / Harness Xtra, Roundup
SOIL DESCRIPTION: Waupecan silt loam, mod. well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.4 pH, 4% OM
PEST MANAGEMENT: Keystone LA, Roundup, Force
FERTILITY - Applied N: 57 Fall, 160 Sidedress
Applied N-P-K (units): 217-92-120
SEEDED - RATE - ROW: May 11 35,100 /A 30" spacing
HARVESTED - STAND: Nov 2 30,500 /A

Early-Season Test
99 - 104 Day CRM
B2014WISO01a

Top 30 of 45
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Jung	7S522RIB	STX,B	AC,P5V	101	236.7	20.7	1	34.4	835	1
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	229.9	20.8	1	28.8	811	2
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	225.0	21.6	1	32.5	788	3
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	223.4	20.7	1	26.0	788	4
Jung	7S577RIB	STX,B	AC,P5V	104	221.3	20.8	2	32.5	780	5
LG Seeds	LG5502STX	STX	AC,P5V	102	219.3	20.6	1	32.5	775	7
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	218.5	20.0	1	33.4	776	6
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	217.3	20.9	1	28.8	766	9
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	216.6	19.6	1	33.4	772	8
Jung	7S579RIB	STX,B	AC,P5V	104	216.3	20.9	1	33.5	762	10
LG Seeds	LG5518STXRIB	STX,B	AC,P5V	104	215.6	20.5	1	24.2	762	11
Renk	RK629VT3P	VT3P,B	AC,P2	101	215.3	20.6	1	34.4	760	12
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102	214.6	20.4	1	27.9	759	13
Federal	5440SSTAX	STX	AC,P5V	104	214.4	20.4	1	29.8	759	14
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	214.2	21.0	1	32.5	754	15
Channel	203-44STXRIB	STX,B	AC,P5V	103	214.0	21.4	1	30.7	751	17
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	212.7	20.8	2	35.3	750	18
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	211.9	20.0	1	35.3	752	16
NuTech	5N-803	3000GT	CM,C2	101	210.7	21.5	1	32.5	739	21
AgriGold	A6300STX	STX	AC,P5V	103	210.5	20.0	1	31.6	747	19
Latham	LH5219SSRIB	STX,B	AC,P5V	102	209.5	20.9	1	32.6	738	23
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	208.7	20.2	1	27.0	740	20
Federal	5140SSTAXRIB	STX,B	AC,P5V	101	208.5	20.2	1	30.7	739	22
Renk	RK666SSTX	STX,B	AC,P2	102	207.1	20.0	1	33.5	735	24
Golden Harvest	G99Z33-3111A	3111A	CM,C2	99	206.6	20.7	1	28.8	729	26
Stine	R9425SS	STX,B	AC,P2	102	206.4	20.5	1	27.9	730	25
Pioneer	P0313AM1	AM1,B	MQ,P1V	103	205.6	21.9	1	33.5	718	28
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	204.0	20.2	1	25.1	723	27
Dairyland	DS9900SSX	STX	CM,C2	99	201.9	20.6	1	30.7	713	29
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	201.1	20.3	1	33.5	712	30
Pioneer	P0407AMXT CK	AMXT,AQ,B	MQ,P1V	104	198.3	21.6	1	31.6	694	34

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Test Average = **205.2** 20.6 1 30.5 725
LSD (0.10) = 17.9 1.2 ns
LSD (0.25) = 12.4 0.8 ns
C.V. = 6.4 4.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO / non-GMO

Test Comments: *Tried to plant this site on May 9, but soil conditions were marginal. Returned 2 days later to ideal soil conditions but then received a heavy pounding rain, creating a hard crust for seedlings to emerge through. Several hybrids struggled to establish uniform stands. Stalk quality was excellent at harvest, with most having some green appearance. These tests persevered the struggles they faced.*

† 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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SOIL CONDITION: High P, high K, 6.4 pH, 4% OM
PEST MANAGEMENT: Keystone LA, Roundup, Force
FERTILITY - Applied N: 57 Fall, 160 Sidedress
Applied N-P-K (units): 217-92-120
SEEDED - RATE - ROW: May 11 35,100 /A 30" spacing
HARVESTED - STAND: Nov 2 30,900 /A

Full-Season Test
105 - 108 Day CRM
B2014WISO01b

Top 30 of 45
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kussmaul	SS-1008RIB	STX,B	AC,P5V	108	236.5	23.6	1	33.5	814	2
Renk	RK752SSTX	STX,B	AC,P2	105	236.4	23.7	1	32.5	813	3
Pioneer	P0832AMX	AMX,B	MQ,P1V	108	235.9	23.4	1	32.5	813	4
Jung	7S671RIB	STX,B	AC,P5V	107	234.8	23.3	1	28.8	810	6
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	234.7	23.0	1	30.7	812	5
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	231.1	20.1	1	32.6	820	1
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	227.7	22.4	1	28.8	792	7
Golden Harvest	G06N80-3111	3111	AVC,C5	106	227.4	22.6	1	31.6	790	8
NK Brand	N59B-3111A	3111A	AVC,C5	107	226.9	25.5	1	35.3	768	12
Federal	5730SSTAX	STX	AC,P5V	107	225.4	23.8	1	31.6	774	11
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	224.6	22.6	1	34.4	780	9
Titan Pro	2M07-SS	STX,B	AC,P5V	107	224.0	24.2	1	33.4	767	13
Dyna-Gro	D46SS46	STX	AC,P5V	107	223.9	22.9	1	28.8	775	10
Federal	5640SSTAX	STX	AC,P5V	106	222.3	23.5	1	27.0	766	16
Renk	RK776SSTX	STX,B	AC,P2	107	221.8	23.1	1	27.9	767	14
Golden Harvest	G07F23-3111	3111	AVC,C5	107	221.3	22.8	1	34.4	767	15
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	221.1	23.6	1	34.4	761	17
NK Brand	N60F-3111	3111	AVC,C5	107	219.7	23.4	1	32.5	758	20
Latham	LH5534-3000GT	3000GT	CM,C2	105	219.1	23.3	1	31.6	756	21
AgriGold	A6351STX	STX	AC,P5V	105	217.2	21.8	1	34.4	759	18
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	217.2	21.8	1	33.4	759	19
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	217.1	22.5	1	29.7	754	22
Renk	RK712SSTX	STX	AC,P2	106	215.9	22.9	1	30.7	748	24
Latham	LH5779SSRIB	STX,B	AC,P5V	107	215.3	23.8	1	31.6	740	27
NK Brand	N58S-3111	3111	AVC,C5	106	215.1	22.0	1	35.3	751	23
Jung	7S686RIB	STX,B	AC,P5V	108	214.9	22.9	1	25.1	744	26
Dairyland	DS6805	STX	CM,C2	105	213.5	21.7	1	28.8	747	25
LG Seeds	LG5523STX	STX	AC,P5V	105	212.6	22.6	1	35.3	738	28
Channel	208-49STXRIB	STX,B	AC,P5V	108	212.0	24.5	1	31.6	724	30
Dairyland	DS6905	STX	CM,C2	105	207.8	22.0	1	32.5	725	29
Pioneer	P0407AMXT CK	AMXT,AQ,B	MQ,P1V	104	201.4	21.2	1	35.3	708	35

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Test Average = **214.2** **23.1** **1** **30.9** **740**
LSD (0.10) = 19.0 1.7 ns
LSD (0.25) = 13.3 1.2 ns
C.V. = 6.5 5.4

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO / non-GMO

Test Comments: *Tried to plant this site on May 9, but soil conditions were marginal. Returned 2 days later to ideal soil conditions but then received a heavy pounding rain, creating a hard crust for seedlings to emerge through. Several hybrids struggled to establish uniform stands. Stalk quality was excellent at harvest, with most having some green appearance. These tests persevered the struggles they faced.*

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6257STXRIB	STX,B	AC,P5V	100					
AgriGold	A6267STXRIB	STX,B	AC,P5V	102					
AgriGold	A6300STX	STX	AC,P5V	103					
Channel	202-64STXRIB	STX,B	AC,P5V	102					
Channel	203-44STXRIB	STX,B	AC,P5V	103					
Dairyland	DS9900SSX	STX	CM,C2	99					
Dyna-Gro	D42SS42	STX	AC,P5V	102					
Federal	5050SSTAX	STX	AC,P5V	100					
Federal	5140SSTAXRIB	STX,B	AC,P5V	101					
Federal	5440SSTAX	STX	AC,P5V	104					
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100					
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101					
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102					
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102					
Golden Harvest	G99Z33-3111A	3111A	CM,C2	99					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5428STXRIB	STX,B	AC,P5V	104					
Jung	7S522RIB	STX,B	AC,P5V	101					
Jung	7S577RIB	STX,B	AC,P5V	104					
Jung	7S579RIB	STX,B	AC,P5V	104					
Latham	LH5088SSRIB	STX,B	AC,P5V	100					
Latham	LH5185VT2PRORIB	VT2P,B	AC,P2	101					
Latham	LH5219SSRIB	STX,B	AC,P5V	102					
Latham	LH5349SSRIB	STX,B	AC,P5V	103					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5502STX	STX	AC,P5V	102					
LG Seeds	LG5518STXRIB	STX,B	AC,P5V	104					
NK Brand	N42Z-3011A	3011A	AVC,C5	99					
NK Brand	N49W-3000GT	3000GT	AVC,C5	102					
NuTech	5N-803	3000GT	CM,C2	101					
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
Pioneer	P0313AM1	AM1,B	MQ,P1V	103					
Pioneer	P0407AMXT CK	AMXT,AQ,B	MQ,P1V	104					
Renk	RK591GTCBLLRWBLA	3111A	CM,C2	99					
Renk	RK605SSTX	STX	AC,P2	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK666SSTX	STX,B	AC,P2	102					
Stine	R9425SS	STX,B	AC,P2	102					
Titan Pro	2M04-2P	VT2P,B	AC,P2	104					
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100					
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102					

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Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6351STX	STX	AC,P5V	105					
AgriGold	A6376STXRIB	STX,B	AC,P5V	106					
AgriGold	A6416STXRIB	STX,B	AC,P5V	107					
Channel	206-78STXRIB	STX,B	AC,P5V	106					
Channel	208-49STXRIB	STX,B	AC,P5V	108					
Dairyland	DS6805	STX	CM,C2	105					
Dairyland	DS6905	STX	CM,C2	105					
Dairyland	DS9307SSX	STX	CM,C2	107					
Dyna-Gro	D46SS46	STX	AC,P5V	107					
Dyna-Gro	D48SS38	STX	AC,P5V	108					
Federal	5640SSTAX	STX	AC,P5V	106					
Federal	5730SSTAX	STX	AC,P5V	107					
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
Golden Harvest	G06N80-3111	3111	AVC,C5	106					
Golden Harvest	G07F23-3111	3111	AVC,C5	107					
Great Lakes	5566STX	STX	AC,P5V	105					
Great Lakes	5688STXRIB	STX,B	AC,P5V	106					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Jung	7S671RIB	STX,B	AC,P5V	107					
Jung	7S686RIB	STX,B	AC,P5V	108					
Kussmaul	SS-1008RIB	STX,B	AC,P5V	108					
Latham	LH5534-3000GT	3000GT	CM,C2	105					
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107					
Latham	LH5779SSRIB	STX,B	AC,P5V	107					
Latham	LH5829SSRIB	STX,B	AC,P5V	108					
LG Seeds	LG5523STX	STX	AC,P5V	105					
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107					
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108					
NK Brand	N58S-3111	3111	AVC,C5	106					
NK Brand	N59B-3111A	3111A	AVC,C5	107					
NK Brand	N60F-3111	3111	AVC,C5	107					
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108					
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107					
Pioneer	P0407AMXT CK	AMXT,AQ,B	MQ,P1V	104					
Pioneer	P0832AMX	AMX,B	MQ,P1V	108					
Renk	RK699SSTX	STX,B	AC,P2	105					
Renk	RK712SSTX	STX	AC,P2	106					
Renk	RK752SSTX	STX,B	AC,P2	105					
Renk	RK776SSTX	STX,B	AC,P2	107					
Titan Pro	2M07-SS	STX,B	AC,P5V	107					
Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106					
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMa ^x ® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMa ^x ® and XL® are registered trademarks of DuPont Pioneer.
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)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	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® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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