

2014 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] WATERTOWN

Randy Schultz, Jefferson County, WI 53094



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

PREV. CROP/HERB: Soybean / Roundup (twice)
 SOIL DESCRIPTION: Kibbie sandy loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 7 pH, 2% OM
 PEST MANAGEMENT: Dual II Magnum, atrazine, Force
 FERTILITY - Applied N: 145 Fall, 21 Spring
 Applied N-P-K (units): 166-45-80
 SEEDED - RATE - ROW: May 11 33,100 /A 30" spacing
 HARVESTED - STAND: Oct 29 32,900 /A

Early-Season Test

99 - 104 Day CRM

B2014WISO03a

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	193.7	19.0	4	34.4	693	1
AgriGold	A6300STX	STX	AC,P5V	103	185.9	20.1	4	33.4	659	2
LG Seeds	LG5502STX	STX	AC,P5V	102	183.6	19.4	4	34.4	655	3
Federal	5440SSTAX	STX	AC,P5V	104	180.1	19.6	4	29.8	642	5
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	179.2	18.6	4	35.3	644	4
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	176.5	18.4	4	34.4	635	6
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	176.1	19.3	4	36.2	629	7
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	174.2	20.1	4	33.5	618	8
Dyna-Gro	D42SS42	STX	AC,P5V	102	173.3	21.0	4	32.5	610	9
Latham	LH5219SSRIB	STX,B	AC,P5V	102	173.0	22.1	4	36.2	603	11
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	170.8	20.6	4	32.6	603	12
Dairyland	DS9900SSX	STX	CM,C2	99	169.7	19.5	4	36.2	605	10
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	168.0	18.8	4	35.3	602	13
Channel	202-64STXRIB	STX,B	AC,P5V	102	167.6	19.7	4	31.6	596	15
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	167.3	20.4	4	31.6	592	18
Latham	LH5088SSRIB	STX,B	AC,P5V	100	166.3	19.4	4	34.4	593	17
Federal	5140SSTAXRIB	STX,B	AC,P5V	101	165.2	17.8	4	34.4	597	14
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102	164.3	17.9	4	28.8	594	16
Stine	R9425SS	STX,B	AC,P2	102	164.3	19.6	4	32.6	585	21
Latham	LH5185VT2PRORIB	VT2P,B	AC,P2	101	163.9	19.6	4	36.2	584	22
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	163.8	20.0	4	34.4	581	23
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	162.9	17.5	4	33.5	591	19
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	162.9	21.9	4	35.3	569	27
Renk	RK629VT3P	VT3P,B	AC,P2	101	162.7	20.2	4	34.4	577	25
Renk	RK591GTCBLLRWBL^3111A	CM,C2	CM,C2	99	162.3	19.1	4	30.7	581	24
Golden Harvest	G99Z33-3111A	3111A	CM,C2	99	162.0	17.8	4	35.3	586	20
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102	161.5	20.9	4	32.6	569	28
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	159.5	20.9	4	33.5	562	31
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99	157.5	17.9	4	32.6	569	29
Renk	RK605SSTX	STX	AC,P2	100	157.4	18.3	4	34.4	567	30
Pioneer	P0407AMXT CK	AMXT,AQ,B	MQ,P1V	104	163.8	21.9	4	34.4	572	26

Jason Beyers

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Test Average = **161.5** **19.6** **4** **32.9** **575**

LSD (0.10) = 16.8 1.3 ns

LSD (0.25) = 11.7 0.9 ns

C.V. = 7.6 4.7

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: This test started off really good, with good emergence and great early season vigor. Rainfall was pretty good until July, which really let this sandy soil dry out. Corn was still standing great at harvest, with little evidence of any diseases. Pinch test indicated that about 50% of the stalks were getting weak. Ears had good kernel set, just not very large. Grain test weights were lower than average.

† 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: Dual II Magnum, atrazine, Force
FERTILITY - Applied N: 145 Fall, 21 Spring
Applied N-P-K (units): 166-45-80
SEEDED - RATE - ROW: May 11 33,100 /A 30" spacing
HARVESTED - STAND: Oct 29 33,200 /A

Full-Season Test
105 - 108 Day CRM
B2014WISO03b

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
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	183.8	21.7	4	33.5	643	1
Pioneer	P0832AMX	AMX,B	MQ,P1V	108	180.8	23.2	4	35.3	624	2
NK Brand	N58S-3111	3111	AVC,C5	106	174.7	21.5	4	35.3	612	3
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	170.8	20.8	4	33.5	602	4
Dyna-Gro	D46SS46	STX	AC,P5V	107	167.0	20.6	4	32.6	590	5
Channel	206-78STXRIB	STX,B	AC,P5V	106	163.7	21.5	4	32.5	574	6
Jung	7S671RIB	STX,B	AC,P5V	107	162.0	22.5	4	35.3	563	8
Renk	RK752SSTX	STX,B	AC,P2	105	161.0	22.3	4	29.8	560	9
Renk	RK712SSTX	STX	AC,P2	106	159.7	23.4	4	31.6	551	16
Dairyland	DS6805	STX	CM,C2	105	159.4	20.1	4	34.4	565	7
Dairyland	DS6905	STX	CM,C2	105	159.3	22.6	4	34.4	553	14
Titan Pro	2M07-SS	STX,B	AC,P5V	107	158.3	21.5	4	33.5	555	13
AgriGold	A6351STX	STX	AC,P5V	105	157.3	20.2	4	37.2	557	12
Federal	5640SSTAX	STX	AC,P5V	106	157.3	22.6	4	32.5	546	19
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	156.9	21.2	4	32.6	551	17
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	156.8	22.4	4	34.4	545	20
Channel	208-49STXRIB	STX,B	AC,P5V	108	156.6	25.3	4	34.4	531	24
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	156.4	19.4	4	33.4	558	10
Great Lakes	5566STX	STX	AC,P5V	105	156.0	20.3	4	34.4	552	15
Golden Harvest	G06N80-3111	3111	AVC,C5	106	156.0	20.8	4	31.6	550	18
NK Brand	N59B-3111A	3111A	AVC,C5	107	155.5	25.1	4	33.5	528	27
Golden Harvest	G07F23-3111	3111	AVC,C5	107	153.8	23.0	4	34.4	532	22
Latham	LH5534-3000GT	3000GT	CM,C2	105	153.3	20.4	4	33.5	542	21
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	152.7	23.3	4	31.6	527	30
Dyna-Gro	D48SS38	STX	AC,P5V	108	152.3	22.8	4	31.6	528	28
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	152.2	21.9	4	31.6	532	23
NK Brand	N60F-3111	3111	AVC,C5	107	151.7	22.1	4	36.2	529	26
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	151.4	22.1	4	33.5	528	29
Kussmaul	SS-1008RIB	STX,B	AC,P5V	108	150.6	21.7	4	34.4	527	31
Jung	7S686RIB	STX,B	AC,P5V	108	150.0	20.5	4	31.6	530	25
Pioneer	P0407AMXT CK	AMXT,AQ,B	MQ,P1V	104	159.3	21.8	4	32.5	557	11

Jason Beyers
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Test Average = **151.7** **21.7** **4** **33.2** **531**
LSD (0.10) = 17.7 1.5 0
LSD (0.25) = 12.3 1.1 0
C.V. = 8.6 5.1

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: This test started off really good, with good emergence and great early season vigor. Rainfall was pretty good until July, which really let this sandy soil dry out. Corn was still standing great at harvest, with little evidence of any diseases. Pinch test indicated that about 50% of the stalks were getting weak. Ears had good kernel set, just not very large. Grain test weights were lower than average.

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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. VPMaXX® 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®, VPMaXX® 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® TRIsect® (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	Acceleron® 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.