

2013 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, minimum 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 16 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 22 34,500 /A

Early-Season Test

99 - 104 Day CRM

B2013WISO03a

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
Trelay	5ST932RIB	STX,B	AC,P5V	102	246.6	21.7	1	33.5	1,183	1
Jung	7S522RIB	STX,B	AC,P5V	101	246.4	22.1	1	33.5	1,180	2
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	245.9	22.3	1	35.3	1,176	3
Dyna-Gro	D39VP14RIB	VT3P,B	AC,P5V	99	243.5	21.6	1	32.6	1,169	4
Stine	9425SS	STX	AC,P2	102	239.1	22.9	1	36.2	1,139	6
Mycogen	2A509 GC	STX,B	CM,C2	101	237.4	22.8	1	33.5	1,131	7
FS InVISION	FS 49SX1 RIB	STX,B	AC,P5V,Z	99	237.1	20.3	1	34.4	1,148	5
LG Seeds	LG5522VT3P	VT3P	AC,P5V	103	234.8	22.3	1	34.4	1,123	9
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	233.7	20.6	4	33.5	1,129	8
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	232.5	23.6	1	34.4	1,103	10
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	230.5	23.1	1	28.8	1,096	11
Renk	RK666SSTX	STX	AC,P2	102	226.5	21.1	1	36.2	1,091	12
Dyna-Gro	D41SS71	STX	AC,P5V	101	224.5	22.2	1	32.5	1,074	14
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	223.1	22.3	1	37.2	1,067	15
Jung	7S565RIB	STX,B	AC,P5V	103	222.4	22.6	1	31.6	1,061	16
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102	222.0	22.5	1	39.0	1,060	18
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	219.7	20.7	1	37.1	1,061	17
Pioneer	P0392AMX	AMX,B	MQ,P1V	103	219.3	21.7	1	32.5	1,052	19
Jung	7S512RIB	STX,B	AC,P5V	101	219.1	23.1	1	31.6	1,042	22
Mycogen	2T498 GC	STX,B	CM,C2	100	216.5	20.5	1	31.6	1,047	20
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102	215.9	20.4	1	33.5	1,045	21
Jung	7S577RIB	STX,B	AC,P5V	104	215.2	21.0	1	32.5	1,037	24
Pfister	1821RA	STX,B	CM,C2	100	215.1	20.5	1	36.2	1,040	23
Stine	9424SS	STX	AC,P2	100	212.7	21.2	1	33.5	1,024	25
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V,Z	102	210.5	21.5	1	31.6	1,011	27
Renk	RK598SSTX	STX,B	AC,P5V	100	209.5	19.5	1	35.3	1,019	26
NuTech	5N-001	3000GT	MQ,C2	101	207.8	20.4	1	39.9	1,005	30
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2,Z	100	207.7	19.8	1	34.4	1,009	28
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	207.4	19.5	1	29.8	1,009	29
Renk	RK633SSTX	STX	AC,P2	101	205.7	19.5	1	36.2	1,001	31
Pioneer	P0413AM1 CK	AM1,B	MQ,P1V	104	225.8	22.6	1	38.1	1,078	13

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Test Average = **216.6** **21.7** **1** **34.5** **1,040**
 LSD (0.10) = 21.9 1.5 ns
 C.V. = 7.5 5.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$5.00 Local GMO
 n/a non-GMO

Test Comments: Field started off really good, with excellent emergence, and was nice and uniform at V5 stage. This sandy soil type did not receive a rain for 6 weeks straight in July and August. Plant health was still good at harvest time, with little to no disease noted. Ear size was medium, with very little tip back and good kernel size. Yield levels were surprising, for the stress that it received during mid-season.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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 SOIL DESCRIPTION: Kibbie sandy loam, mod. well drained, minimum 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 16 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 22 34,400 /A

Full-Season Test
105 - 108 Day CRM
 B2013WISO03b

Top 30 of 36
 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
Renk	RK776VT3P	VT3P	AC,P2	107	252.3	22.1	1	36.2	1,208	1
Dairyland	DS9306	3000GT	CM,C2	106	246.7	22.0	1	33.5	1,182	2
FS InVISION	FS 55ZV4 RIB	VT3P,B	AC,P2,Z	105	246.6	22.4	1	35.3	1,178	3
FS InVISION	FS 56TX1 RIB	STX,B	AC,P5V,Z	106	238.6	24.5	1	33.5	1,125	5
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	238.5	23.9	1	34.4	1,129	4
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	230.0	22.0	1	34.4	1,102	6
AgriGold	A6376STX	STX	AC,P5V	105	226.4	21.7	1	35.3	1,086	7
NuTech/G2 Gen	5F-008AM	AM,B	MQ,C2	108	221.9	24.6	1	32.5	1,046	9
NK Brand	N60F-3111	3111	AVC,C5	107	221.2	25.8	1	31.6	1,034	14
Renk	RK752SSTX	STX,B	AC,P5V	105	218.6	23.5	1	33.5	1,037	12
Pioneer	P0832AMX	AMX,B	MQ,P1V	108	218.5	23.4	1	36.2	1,037	13
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	217.7	21.9	1	33.5	1,043	10
Dyna-Gro	CX48VP76	VT3P	AC,P5V	108	217.3	22.3	1	33.5	1,039	11
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107	214.6	22.4	1	36.2	1,025	15
Renk	RK791SSTX	STX,B	AC,P2	108	213.9	22.6	1	32.5	1,021	16
Jung	7S642RIB	STX,B	AC,P5V	106	213.3	24.8	1	32.5	1,004	17
Channel	206-78STXRIB	STX,B	AC,P5V	106	211.2	23.9	1	33.5	1,000	18
Pfister	2313RA	STX,B	CM,C2	105	208.7	23.6	1	32.5	990	19
Jung	7S671RIB	STX,B	AC,P5V	107	206.6	23.0	1	31.6	983	20
Renk	RK699SSTX	STX	AC,P2	105	202.8	23.0	1	32.5	965	22
Channel	205-38STXRIB	STX,B	AC,P5V	105	202.3	23.5	1	33.5	960	23
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	201.7	21.8	1	37.2	967	21
Stine	9534VT3Pro	VT3P	AC,P2	106	201.6	23.8	1	33.5	955	25
Dyna-Gro	D47SS23	STX	AC,P5V	106	201.1	22.5	1	35.3	960	24
LG Seeds	LG5591VT3P	VT3P	AC,P5V	109	200.8	23.5	1	38.1	953	26
Dairyland	DS9305SSX	STX	CM,C2	105	198.7	22.4	1	35.3	949	27
NK Brand	N54H-3111	3111	AVC,C5	105	197.9	22.8	1	34.4	943	28
Great Lakes	5884VT3PRIB	VT3P,B	AC,P5V	108	194.8	22.0	1	33.5	933	30
Pfister	2524RR	RR2	CM,C2	108	194.7	22.7	1	36.2	929	31
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	194.3	20.4	1	35.3	940	29
Pioneer	P0413AM1 CK	AM1,B	MQ,P1V	104	220.6	22.4	1	34.4	1,054	8

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Test Average = **211.0** **22.8** **1** **34.4** **1,005**
 LSD (0.10) = 22.0 2.0 ns
 C.V. = 7.7 6.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$5.00 Local GMO
 n/a non-GMO

Test Comments: *Field started off really good, with excellent emergence, and was nice and uniform at V5 stage. This sandy soil type did not receive a rain for 6 weeks straight in July and August. Plant health was still good at harvest time, with little to no disease noted. Ear size was medium, with very little tip back and good kernel size. Yield levels were surprising, for the stress that it received during mid-season.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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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	A6252STXRIB	STX,B	AC,P5V	100					
AgriGold	A6257STXRIB	STX,B	AC,P5V	100					
AgriGold	A6267STX	STX	AC,P5V	102					
Channel	203-44STXRIB	STX,B	AC,P5V	103					
Dyna-Gro	D39VP14RIB	VT3P,B	AC,P5V	99					
Dyna-Gro	D41SS71	STX	AC,P5V	101					
FS InVISION	FS 49SX1 RIB	STX,B	AC,P5V,Z	99					
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2,Z	100					
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V,Z	102					
FS InVISION	FS 53TV4 RIB	VT3P,B	AC,P2,Z	103					
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101					
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103					
Jung	7S512RIB	STX,B	AC,P5V	101					
Jung	7S522RIB	STX,B	AC,P5V	101					
Jung	7S565RIB	STX,B	AC,P5V	103					
Jung	7S577RIB	STX,B	AC,P5V	104					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5522VT3P	VT3P	AC,P5V	103					
Mycogen	2A509 GC	STX,B	CM,C2	101					
Mycogen	2H456 GC	VT3	CM,C2	98					
Mycogen	2T498 GC	STX,B	CM,C2	100					
Mycogen	2Y479 GC	STX,B	CM,C2	98					
NK Brand	N50K-3000GT	3000GT	AVC,C5	103					
NuTech	5N-001	3000GT	MQ,C2	101					
NuTech	5N-803	3000GT	MQ,C2	101					
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
Pfister	1780RA	STX,B	CM,C2	99					
Pfister	1821RA	STX,B	CM,C2	100					
Pfister	2225SS	STX	CM,C2	102					
Pioneer	P0392AMX	AMX,B	MQ,P1V	103					
Pioneer	P0413AM1 CK	AM1,B	MQ,P1V	104					
Renk	RK598SSTX	STX,B	AC,P5V	100					
Renk	RK629VT3P	VT3P	AC,P2	102					
Renk	RK633SSTX	STX	AC,P2	101					
Renk	RK666SSTX	STX	AC,P2	102					
Stine	9424SS	STX	AC,P2	100					
Stine	9425SS	STX	AC,P2	102					
Trelay	5ST932RIB	STX,B	AC,P5V	102					

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105					
AgriGold	A6376STX	STX	AC,P5V	105					
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107					
Channel	205-38STXRIB	STX,B	AC,P5V	105					
Channel	206-78STXRIB	STX,B	AC,P5V	106					
Dairyland	DS9305SSX	STX	CM,C2	105					
Dairyland	DS9306	3000GT	CM,C2	106					
Dyna-Gro	CX48VP76	VT3P	AC,P5V	108					
Dyna-Gro	D47SS23	STX	AC,P5V	106					
FS InVISION	FS 55ZV4 RIB	VT3P,B	AC,P2,Z	105					
FS InVISION	FS 56TX1 RIB	STX,B	AC,P5V,Z	106					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107					
Golden Harvest	G09H57-3111	3111	AVC,C5	109					
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105					
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107					
Great Lakes	5884VT3PRIB	VT3P,B	AC,P5V	108					
Jung	7S642RIB	STX,B	AC,P5V	106					
Jung	7S671RIB	STX,B	AC,P5V	107					
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105					
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107					
LG Seeds	LG5591VT3P	VT3P	AC,P5V	109					
NK Brand	N54H-3111	3111	AVC,C5	105					
NK Brand	N60F-3111	3111	AVC,C5	107					
NuTech/G2 Gen	5F-008AM	AM,B	MQ,C2	108					
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107					
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106					
Pfister	2313RA	STX,B	CM,C2	105					
Pfister	2524RR	RR2	CM,C2	108					
Pioneer	P0413AM1 CK	AM1,B	MQ,P1V	104					
Pioneer	P0832AMX	AMX,B	MQ,P1V	108					
Renk	RK699SSTX	STX	AC,P2	105					
Renk	RK752SSTX	STX,B	AC,P5V	105					
Renk	RK776VT3P	VT3P	AC,P2	107					
Renk	RK791SSTX	STX,B	AC,P2	108					
Stine	9534VT3Pro	VT3P	AC,P2	106					

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 F.I.R.S.T. when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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