

2014 Corn Grain Top 30 Harvest Report
 Minnesota West Central [MNWC] BIRD ISLAND
 Doug Toreen, Renville County, MN 55310



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Cannisteo clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7.2 pH, 6.4% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-60-120
 SEEDED - RATE - ROW: May 16 35,300 /A 30" spacing
 HARVESTED - STAND: Oct 18 32,900 /A

Early-Season Test
93 - 98 Day CRM
 B2014MNWC02a

Top 30 of 63
 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
Prairie Brand	4895GT3	3000GT	CM,C2	98	163.4	16.5	0	32.6	500	1
Renk	RK596SSTX	STX	AC,P2	98	158.3	16.8	0	33.0	484	4
Channel	197-68STXRIB	STX,B	AC,P5V	97	158.0	17.7	0	33.0	479	7
Golden Harvest	G93H90-3000GT	3000GT	AVC,C5	93	157.3	14.4	0	33.5	488	2
Nuseed	9504VT3PRIB	VT3P,B	AC,P2	95	157.3	16.0	0	33.5	484	5
Gold Country	98-38RSS	STX,B	AC,P5V	98	157.3	17.5	0	34.4	478	8
Anderson	689VT3P	VT3P	CE,C2	95	156.9	15.3	0	33.9	485	3
Gold Country	95-33R3P	VT3P,B	AC,P5V	95	155.4	14.3	0	33.0	482	6
Wensman	W 90967STXRIB	STX,B	AC,P5V	96	155.4	16.4	0	33.0	476	11
Enestvedt	E653SSRIB	STX,B	AC,P5V	96	154.8	15.6	0	32.6	478	9
Prairie Brand	4284RA	STX,B	CM,C2	93	154.8	16.5	0	32.6	474	13
Dyna-Gro	D37SS60	STX	AC,P5V	97	154.4	17.5	0	33.9	469	15
Anderson	689R	RR2	M,D,At	95	154.3	14.5	0	33.0	478	10
Channel	195-58STXRIB	STX,B	AC,P5V	95	154.1	15.6	0	31.6	475	12
Titan Pro	1M96-3P	VT3P	AC,P2	96	153.8	16.7	0	33.5	470	14
Renk	RK522SSTX	STX,B	AC,P2	94	153.3	16.8	0	29.8	468	16
Prairie Brand	4594GT3	3000GT	CM,C2	96	153.3	19.0	0	33.0	460	27
Thunder	101-95SSRIB	STX,B	AC,P2	95	152.0	15.9	0	33.9	468	17
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93	152.0	16.7	0	33.9	465	18
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	151.9	16.5	0	34.4	465	19
Latham	LH4859SSRIB	STX,B	AC,P5V	98	151.4	16.6	0	32.5	463	20
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94	151.1	16.7	0	32.6	462	24
Renk	RK557SSTX	STX,B	AC,P2	95	150.5	15.9	0	33.5	463	21
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	150.4	15.9	0	33.5	463	22
Renk	RK568VT3P	VT3P,B	AC,P2	95	150.1	15.7	0	33.0	463	23
LG Seeds	LG5425STXRIB	STX,B	AC,P5V	95	149.9	15.9	0	31.2	461	25
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	149.0	16.0	0	33.5	458	28
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	148.6	14.7	0	33.0	461	26
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96	147.8	14.7	0	34.4	458	29
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94	147.7	15.1	0	33.0	458	30
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	146.8	15.7	0	33.0	453	38

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Test Average = **148.0** **16.4** **0** **32.9** **454**

LSD (0.10) = 13.5 0.9 ns

LSD (0.25) = 9.4 0.6 ns

C.V. = 6.7 4.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.10}{\$3.10}$ Local GMO non-GMO

Test Comments: *These soils were saturated from planting through June, stunting root and plant development. Over 12 inches of rain fell in June alone, and this crop was never able to reach it's full potential, even after dry conditions prevailed through the rest of the growing season. No plots drowned out, but the site was visibly affected by too much water in June.*

† 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

Additional reports available at www.firstseedtests.com

AgSCI Copyright 2014

Report date: 10/19/2014 Revised:

2014 Corn Grain Top 30 Harvest Report
 Minnesota West Central [MNWC] BIRD ISLAND
 Doug Toreen, Renville County, MN 55310



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Cannistee clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7.2 pH, 6.4% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-60-120
 SEED - RATE - ROW: May 16 35,300 /A 30" spacing
 HARVESTED - STAND: Oct 18 33,100 /A

Full-Season Test
99 - 102 Day CRM
 B2014MNWC02b

Top 30 of 48
 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
Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101	169.0	20.5	0	33.0	501	3
Croplan	4099SS/RIB GC	STX,B	AC,P5V	99	168.2	18.1	0	33.9	508	1
Dahlman	R50-306SSRIB	STX,B	AC,P2	101	167.6	19.0	0	34.4	503	2
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	165.8	19.5	0	33.0	495	5
Nuseed	3014VT2P	VT2P	AC,P2	101	165.4	19.1	0	33.5	496	4
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	164.4	21.2	0	32.6	484	8
Titan Pro	1M02-SS	STX,B	AC,P5V	102	161.3	19.9	0	33.9	480	13
Gold Country	102-88RSS	STX,B	AC,P5V	102	160.6	19.3	0	34.4	481	11
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	160.4	18.3	0	33.9	484	9
Renk	RK605SSTX	STX	AC,P2	100	160.2	17.6	0	34.4	486	7
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101	158.3	18.4	0	34.4	477	14
Dekalb	DKC49-29RIB GC	STX,B	AC,P5V	99	157.3	16.6	0	33.5	481	12
Titan Pro	TP 31-01 3011A	3011A	AVC,C2	101	157.1	18.5	0	31.2	473	15
Gold Country	99-52RSS	STX,B	AC,P5V	99	157.0	16.0	0	32.1	483	10
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	156.9	20.1	0	31.6	466	22
Prairie Brand	5065GT3	3000GT	CM,C2	100	156.6	19.5	0	33.0	468	19
Viking	T51-01R	GT,B	CM,C2	101	156.3	17.9	0	33.5	473	16
Viking	VS100-511	STX,B	AC,P2	100	154.7	18.3	0	33.0	467	20
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	154.4	18.1	0	32.1	467	21
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	154.0	17.0	0	32.1	470	17
Dahlman	R51-313SSRIB	STX,B	AC,P2	102	154.0	18.0	0	34.8	466	23
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	152.5	19.5	0	34.4	456	25
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101	151.4	15.1	2	33.5	469	18
LG Seeds	LG5502STX	STX	AC,P5V	102	151.3	19.0	0	32.1	454	26
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	150.4	15.9	0	32.1	463	24
Nuseed	9904VT2P	VT2P	AC,P2	99	149.8	18.5	0	34.8	451	27
Anderson	588VT3P	VT3P	CE,C2	101	149.0	19.2	0	34.8	446	31
Prairie Brand	4995SX	STX	CM,C2	99	148.7	18.2	0	33.9	449	29
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	148.6	17.9	0	33.5	450	28
Channel	201-39STXRIB	STX,B	AC,P5V	101	148.1	17.8	0	33.0	449	30
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	159.6	15.1	0	31.6	494	6

Mark Querna
 mark.querna@firstseedtests.com, (507) 380-9920

Test Average = **150.8** 18.5 0 **33.1** **454**
 LSD (0.10) = 16.4 1.2 1
 LSD (0.25) = 11.5 0.8 0
 C.V. = 8.0 4.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.10}{\$3.10}$ Local GMO non-GMO

Test Comments: *These soils were saturated from planting through June, stunting root and plant development. Over 12 inches of rain fell in June alone, and this crop was never able to reach it's full potential, even after dry conditions prevailed through the rest of the growing season. No plots drowned out, but the site was visibly affected by too much water in June.*

† 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

Additional reports available at www.firstseedtests.com
 Report date: 10/19/2014 Revised:

AgSCI Copyright 2014

2014 Corn Grain - Minnesota West Central [MNWC]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Anderson	537R	RR2	M,D,At	101	Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101
Anderson	588VT3P	VT3P	CE,C2	101	Wensman	W 91011STXRIB	STX,B	AC,P5V	101
Channel	199-29STXRIB	STX,B	AC,P5V	99	Wensman	W 9325STXRIB	STX,B	AC,P5V	102
Channel	201-39STXRIB	STX,B	AC,P5V	101					
Channel	202-64STXRIB	STX,B	AC,P5V	102					
Croplan	4099SS/RIB GC	STX,B	AC,P5V	99					
Dahlman	R50-306SSRIB	STX,B	AC,P2	101					
Dahlman	R51-313SSRIB	STX,B	AC,P2	102					
Dairyland	DS9900SSX	STX	CM,C2	99					
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98					
Dekalb	DKC49-29RIB GC	STX,B	AC,P5V	99					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
Dyna-Gro	D41SS71	STX	AC,P5V	101					
Dyna-Gro	D42SS42	STX	AC,P5V	102					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Gold Country	99-52RSS	STX,B	AC,P5V	99					
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101					
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99					
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101					
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102					
Latham	LH5219SSRIB	STX,B	AC,P5V	102					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5502STX	STX	AC,P5V	102					
Nuseed	3014VT2P	VT2P	AC,P2	101					
Nuseed	9904VT2P	VT2P	AC,P2	99					
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
Prairie Brand	4995SX	STX	CM,C2	99					
Prairie Brand	5065GT3	3000GT	CM,C2	100					
Renk	RK581SSTX	STX,B	AC,P2	100					
Renk	RK591DC5222A	5222,A	CM,C2	99					
Renk	RK605SSTX	STX	AC,P2	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99					
Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101					
Titan Pro	1M02-SS	STX,B	AC,P5V	102					
Titan Pro	TP 31-01 3011A	3011A	AVC,C2	101					
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100					
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102					
Viking	T51-01R	GT,B	CM,C2	101					
Viking	VS100-511	STX,B	AC,P2	100					

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.