

2015 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] CLINTON
Doug Nelson, Big Stone County, MN 56225



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup twice
SOIL DESCRIPTION: Fram-Svea silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, high K, 6.7 pH, 4.1% OM
PEST MANAGEMENT: Force, SureStart
FERTILITY - Applied N: 30 Fall, 110 Spring
Applied N-P-K (units): 140-60-62
SEDED - RATE - ROW: Apr 29 35,600 /A 30" spacing
HARVESTED - STAND: Oct 25 32,200 /A

Early-Season Test

93 - 98 Day CRM
B2015MNWC01a

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
Channel	197-66VT2PRIB	VT2P,B	97	247.2	15.6	0	31.6	837	1
Dahlman	R47-35VT3PRIB	VT3P,B	94	245.6	15.4	0	33.9	833	2
Anderson	795R	RR2	95	236.9	15.9	0	34.8	800	3
Channel	196-77STXRIB	STX,B	96	230.7	16.1	0	31.6	778	4
Latham	LH4859SSRIB	STX,B	98	229.6	16.1	0	32.5	774	5
Channel	197-50STXRIB	STX,B	97	229.6	17.2	0	33.5	768	8
Mustang	4294GENVT2P	VT2P	94	228.8	16.1	0	31.1	772	6
LG Seeds	LG5470STXRIB	STX,B	98	228.8	16.1	0	33.5	772	7
Viking	51-95N	None	95	226.1	15.1	0	32.1	768	9
Renk	RK568VT3P	VT3P,B	95	226.0	15.5	0	33.0	766	10
Mustang	3894GENSS	STX	94	225.7	15.7	0	31.6	763	11
Dekalb	DKC44-13RIB GC	STX,B	94	225.0	15.5	0	32.1	762	12
Federal	4640VT3PRIB	VT3P,B	96	224.8	15.6	0	32.5	761	13
Titan Pro	2M95-2P	VT2P,B	95	224.8	16.2	0	31.6	758	14
Titan Pro	TP 58-95 SS	STX	95	224.4	15.9	0	33.9	758	15
Gold Country	94-19RSS	STX,B	94	224.3	15.8	0	33.9	758	16
Renk	RK596SSTX	STX,B	98	223.6	16.8	0	30.7	750	21
LG Seeds	LG5415STXRIB	STX,B	93	222.9	15.3	0	34.8	756	17
Thunder	101-95SSRIB	STX,B	95	222.9	16.9	0	31.1	747	22
Thunder	7396VT2PRIB	VT2P,B	96	221.9	15.0	0	34.4	754	19
Federal	4240VT2P	VT2P	92	221.4	15.4	0	32.5	751	20
Latham	LH4454VT2ProRIB	VT2P,B	94	220.3	15.6	0	33.5	746	23
LG Seeds	LG5460STXRIB	STX,B	97	219.5	16.2	0	34.4	740	24
Enestvedt	E653SSRIB	STX,B	96	218.6	16.8	0	33.9	733	26
Pfister	1740RA	STX,B	98	218.3	16.9	0	30.7	732	29
Dekalb	DKC48-12RIB GC	STX,B	98	218.2	16.2	0	32.1	735	25
Titan Pro	TP 39-98 SS	STX,B	98	217.4	16.7	1	33.9	730	31
Dahlman	R48-301SSRIB	STX,B	95	217.2	16.1	0	28.8	733	27
Federal	4760SSTAX	STX	97	216.4	15.6	0	34.4	733	28
Pfister	53A1RA	STX,B	93	215.0	14.6	0	33.5	731	30
Dekalb	DKC49-29RIB CK	STX,B	99	224.1	16.5	0	33.5	754	18

Mark Querna

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

Averages = **215.4** **15.8** **1** **32.2** **728**
LSD (0.10) = 15.1 0.8 8
LSD (0.25) = 10.5 0.6 5
C.V. = 5.2 3.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.40; non-GMO = \$3.40

Test Comments: *Early season cool conditions caused stress to seedlings, but moderate temps and plenty of moisture got the crop moving again. Rainfall was a bit excessive until pollination, causing some nitrogen to be lost. Plants stood well at harvest. Stalk lodging was less prevalent here than at other sites in MN. Damaging hail fell on many fields to the north, but this site was unaffected.*

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

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Report Date: 10/26/2015 Revised:

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 PEST MANAGEMENT: Force, SureStart
 FERTILITY - Applied N: 30 Fall, 110 Spring
 Applied N-P-K (units): 140-60-62
 SEEDING - RATE - ROW: Apr 29 35,600 /A 30" spacing
 HARVESTED - STAND: Oct 25 32,100 /A

Full-Season Test

99 - 102 Day CRM

B2015MNWC01b

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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
Dekalb	DKC52-84RIB	STX,B	102	245.4	17.5	0	32.5	819	1
LG Seeds	LG5501VT2P	VT2P	100	243.4	17.3	0	28.3	814	2
Latham	LH5215VT2ProRIB	VT2P,B	102	235.4	18.6	1	33.5	779	4
Pioneer	P0157AMX GC	AMX,AQ,B	101	233.8	17.4	0	33.0	781	3
Federal	5245VT2PRIB	VT2P,B	102	232.9	19.5	1	34.8	766	7
Latham	LH4955VT2ProRIB	VT2P,B	99	230.9	16.3	0	33.5	778	5
Dyna-Gro	D40SS27RIB	STX,B	100	229.4	16.9	0	33.0	769	6
Dekalb	DKC53-78RIB	STX,B	103	229.4	17.8	0	34.8	764	8
Gold Country	102-88RSS	STX,B	102	228.7	17.8	0	33.9	762	9
Dekalb	DKC53-56RIB GC	STX,B	103	228.2	17.9	0	30.2	759	10
Dahlman	R52-328SSRIB	STX,B	103	227.2	18.3	0	33.0	754	12
Pioneer	P0339AMXT GC	AMXT,AQ,B	103	226.0	16.6	1	31.6	759	11
Dyna-Gro	D41SS71RIB	STX,B	101	226.0	18.3	3	33.9	750	15
Federal	5050VT2PRIB	VT2P,B	100	225.3	17.2	3	33.0	754	13
Dairyland	DS9701	STX	101	223.5	17.5	0	27.9	746	16
Viking	57-01N	None	101	222.4	17.2	3	32.1	744	17
Renk	RK666SSTX	STX,B	102	222.3	17.4	0	33.0	742	18
Dairyland	DS9203	STX	103	221.8	18.3	0	34.4	736	22
Titan Pro	TP 39-00 SS	STX,B	100	221.4	17.7	0	31.6	738	19
Renk	RK612SSTX	STX	100	221.0	17.7	0	32.5	736	23
Federal	5140VT2PRIB	VT2P,B	101	220.9	17.3	0	33.0	738	20
LG Seeds	LG5499STXRIB	STX,B	100	220.3	17.4	3	33.5	736	24
Prairie Brand	5026SX	STX	100	219.9	17.3	0	29.3	735	25
Thunder	4600CONV	None	100	219.7	16.9	1	33.5	737	21
Renk	RK680SSTX	STX	101	218.4	16.6	0	29.3	734	26
LG Seeds	LG5502STXRIB	STX,B	102	217.1	18.7	0	33.9	718	30
Pioneer	P0297AMXT GC	AMXT,AQ,B	102	216.1	18.7	0	32.5	715	31
Titan Pro	TP 58-01 2P	VT2P	101	215.6	16.7	0	34.4	724	27
Anderson	537R	RR2	101	214.8	16.1	0	32.5	724	28
Pfister	60B1	HXT,RR2	100	213.6	16.2	0	27.9	720	29
Dekalb	DKC49-29RIB CK	STX,B	99	223.7	16.1	0	32.5	754	14

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Averages = **215.3** **17.4** **5** **32.1** **719**
 LSD (0.10) = 17.5 1.0 13
 LSD (0.25) = 12.2 0.7 9
 C.V. = 6.0 4.2

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.40; non-GMO = \$3.40

Test Comments: *Early season cool conditions caused stress to seedlings, but moderate temps and plenty of moisture got the crop moving again. Rainfall was a bit excessive until pollination, causing some nitrogen to be lost. Plants stood well at harvest. Stalk lodging was less prevalent here than at other sites in MN. Damaging hail fell on many fields to the north, but this site was unaffected.*

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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
Anderson	615VT3P	VT3P	CE,C2	98	Pioneer	P9834AMX	AMX,B	MQ,C2	98
Anderson	684R	RR2	AC,P2	95	Prairie Brand	4776SX	STX	AC,P5V	97
Anderson	689VT3P	VT3P	CE,C2	95	Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98
Anderson	795R	RR2	MQ	95	Renk	RK522SSTX	STX,B	AC,P5V	94
Channel	196-77STXRIB	STX,B	AC,P5V	96	Renk	RK544SSTX	STX,B	AC,P5V	95
Channel	197-50STXRIB	STX,B	AC,P5V	97	Renk	RK568VT3P	VT3P,B	AC,P2	95
Channel	197-66VT2PRIB	VT2P,B	AC,P5V	97	Renk	RK596SSTX	STX,B	AC,P5V	98
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	Thunder	101-95SSRIB	STX,B	AC,C2	95
Dahlman	R48-301SSRIB	STX,B	AC,P5	95	Thunder	4578RR	RR2	AC,C2	78
Dairyland	DS9198	STX	CM,C5,Vi,In	98	Thunder	7396VT2PRIB	VT2P,B	AC,C2	96
Dairyland	DS9593	3000GT	CM,C2	93	Titan Pro	1M96-3P	VT3P,B	AC,P2	96
Dairyland	DS9693	STX	CM,C5,Vi,In	93	Titan Pro	2M95-2P	VT2P,B	AC,P2	95
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	Viking	51-95N	None	CM,C2	95
Dyna-Gro	D37SS60	STX	AC,P5V	97	Viking	C44-95R	VT3P,B	AC,P2	95
Enestvedt	E653SSRIB	STX,B	AC,P5V	96	Viking	D37-98RL	STX,B	AC,P5V	98
Enestvedt	E654SSRIB	STX,B	AC,P5V	95	Viking	D42-94RL	STX	AC,P5V	94
Federal	4240VT2P	VT2P	AC,P2	92					
Federal	4640VT3PRIB	VT3P,B	AC,P2	96					
Federal	4760SSTAX	STX	AC,P2	97					
Gold Country	94-19RSS	STX,B	AC,P5V	94					
Gold Country	97-17RSS	STX,B	AC,P5V	97					
Golden Harvest	G94B95-3110	3110	AVC,C2,Vi	94					
Golden Harvest	G95D32-3110	3110	AVC,C2,Vi	95					
Golden Harvest	G99Z33-3111A GC	3111A	AVC,C2,Vi	99					
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94					
Latham	LH4729SS	STX	AC,P5V	97					
Latham	LH4836-3122EZR	3122,B	CM,C2	98					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
LG Seeds	LG5415STXRIB	STX,B	AC,P5V	93					
LG Seeds	LG5460STXRIB	STX,B	AC,P5V	97					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
Mustang	3894GENSS	STX	AC,P5V	94					
Mustang	4294GENVT2P	VT2P	AC,P2	94					
Mustang	4298GENSS	STX	AC,P5V	98					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V	96					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94					
Pfister	1740RA	STX,B	CM,C5,Vi,In	98					
Pfister	53A1RA	STX,B	CM,C5,Vi,In	93					
Pfister	56A1G3	3000GT	CM,C5,Vi,In	96					
Pfister	57A1	HXT,RR2	AC,P5V	97					
Pioneer	P9526AMXT GC	AMXT,AQ,B	MQ,C2	95					
Pioneer	P9703AMX GC	AMX,AQ,B	MQ,C2	97					

2015 Corn Grain - Minnesota West Central [MNWC]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Anderson	537R	RR2	M,D,At	101	Thunder	4600CONV	None	AC,C2	100
Anderson	588VT3P	VT3P	CE,C2	101	Titan Pro	TP 31-01 3011A	3011A	AVC,C5	101
Dahlman	R49-315SSRIB	STX,B	AC,P5	99	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Dahlman	R50-306SSRIB	STX,B	AC,P5	101	Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102
Dahlman	R52-328SSRIB	STX,B	AC,P5	103	Titan Pro	TP 58-01 2P	VT2P	AC,P2	101
Dairyland	DS9203	STX	CM,C5,Vi,In	103	Viking	57-01N	None	CM,C2	101
Dairyland	DS9599	3000GT	CM,C5,Vi,In	99	Viking	60-01N	None	CM,C2	101
Dairyland	DS9701	STX	CM,C5,Vi,In	101	Viking	89-99N	None,A	CM,C2	99
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	Viking	T51-01R	GT,A	CM,C2	101
Dekalb	DKC52-84RIB	STX,B	AC,P5V	102					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103					
Dekalb	DKC53-78RIB	STX,B	AC,P5V	103					
Dyna-Gro	D40SS27RIB	STX,B	AC,P5V	100					
Dyna-Gro	D41SS71RIB	STX,B	AC,P5V	101					
Federal	5050VT2PRIB	VT2P,B	AC,P2	100					
Federal	5140VT2PRIB	VT2P,B	AC,P2	101					
Federal	5245VT2PRIB	VT2P,B	AC,P2	102					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Golden Harvest	G01P52-3011A	3011A	AVC,C2,Vi	101					
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99					
Latham	LH5054-3011A	3011,A	CM,C2,Vi	100					
Latham	LH5175VT2Pro	VT2P	AC,P5	101					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5501VT2P	VT2P	AC,P5V	100					
LG Seeds	LG5502STXRIB	STX,B	AC,P5V	102					
NuTech	5N-0108	3011,A	CM,C2	101					
NuTech/G2 Gen	5F-002^	AM,B	MQ,P5V	102					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5K-0208^	OIXT	MQ,P1V,R	102					
NuTech/G2 Gen	5Z-0107^	OI	MQ,P1V,R	101					
Partners Brand	PB 6753VIP3111 GC	3111	CM,C2	97					
Partners Brand	PB 6981GTA GC	GT,A	CM,C2	99					
Pfister	60B1	HXT,RR2	AC,P5V	100					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2	101					
Pioneer	P0193AMX GC	AMX,B	MQ,C2	101					
Pioneer	P0297AMXT GC	AMXT,AQ,B	MQ,C2	102					
Pioneer	P0339AMXT GC	AMXT,AQ,B	MQ,C2,Lu	103					
Prairie Brand	4995RA	STX,B	CM,C5,Vi,In	99					
Prairie Brand	5026SX	STX	AC,P5V	100					
Prairie Brand	5236SX	STX	CM,C5,Vi,In	102					
Renk	RK612SSTX	STX	AC,P5V	100					
Renk	RK633SSTX	STX,B	AC,P5V	101					
Renk	RK666SSTX	STX,B	AC,P5V	102					
Renk	RK680SSTX	STX	AC,P5V	101					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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