

2015 Corn Grain Top 30 Harvest Report
 Minnesota Southeast [MNSE] CANNON FALLS
 Marc Hernke, Goodhue County, MN 55009



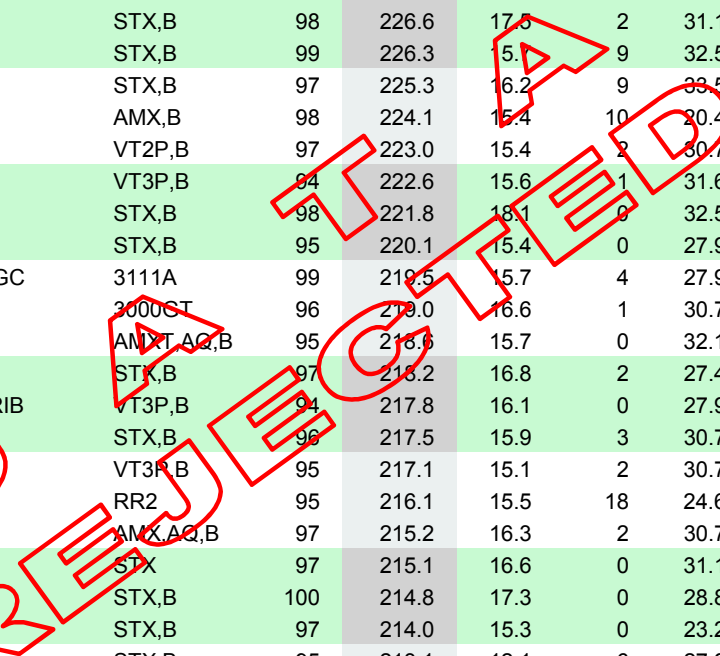
PREV. CROP/HERB: Soybean / Sonic, Roundup
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7.2 pH, 3.2% OM
 PEST MANAGEMENT: Force, Roundup, Status, Accent
 FERTILITY - Applied N: 190 Fall
 Applied N-P-K (units): 190-230-170
 SEEDING - RATE - ROW: Apr 24 35,600 /A 30" spacing
 HARVESTED - STAND: Oct 27 28,000 /A

Early-Season Test
95 - 100 Day CRM
 B2015MNSE13a

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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
Thunder	7396VT2PRIB	VT2P,B	96	229.2	15.8	0	32.1	775	2
Dahlman	R48-301SSRIB	STX,B	95	228.6	14.9	2	31.6	777	1
AgriGold	A6257STXRIB	STX,B	100	227.4	16.7	8	31.1	763	4
Prairie Brand	4776SX	STX	97	227.4	17.4	5	32.5	760	5
Gold Country	98-38RSS	STX,B	98	226.6	17.3	2	31.1	756	8
Dahlman	R49-315SSRIB	STX,B	99	226.3	15.5	9	32.5	765	3
Thunder	101-97SSRIB	STX,B	97	225.3	16.2	9	33.5	759	7
Pioneer	P9834AMX GC	AMX,B	98	224.1	15.4	10	30.4	760	6
Channel	197-66VT2PRIB	VT2P,B	97	223.0	15.4	2	30.7	756	9
Dahlman	R47-35VT3PRIB	VT3P,B	94	222.6	15.6	1	31.6	754	10
LG Seeds	LG5470STXRIB	STX,B	98	221.8	18.1	0	32.5	737	15
Viking	D34-95RL	STX,B	95	220.1	15.4	0	27.9	746	11
Golden Harvest	G99Z33-3111A GC	3111A	99	219.5	15.7	4	27.9	742	12
Pfister	56A1G3	3000GT	96	219.0	16.6	1	30.7	736	16
Pioneer	P9526AMXT GC	AMXT AQ,B	95	218.6	15.7	0	32.1	739	13
Gold Country	97-17RSS	STX,B	97	218.2	16.8	2	27.4	732	19
Latham	LH4455VT3ProRIB	VT3P,B	94	217.8	16.1	0	27.9	735	17
Channel	196-77STXRIB	STX,B	96	217.5	15.9	3	30.7	735	18
Viking	C44-95R	VT3P,B	95	217.1	15.1	2	30.7	738	14
Anderson	795R	RR2	95	216.1	15.5	18	24.6	732	20
Pioneer	P9703AMX GC	AMX AQ,B	97	215.2	16.3	2	30.7	725	22
Latham	LH4729SS	STX	97	215.1	16.6	0	31.1	723	24
LG Seeds	LG5499STXRIB	STX,B	100	214.8	17.3	0	28.8	718	26
Channel	197-50STXRIB	STX,B	97	214.0	15.3	0	23.2	726	21
Renk	RK544SSSTX	STX,B	95	213.1	12.1	6	27.9	725	23
Latham	LH4955VT2ProRIB	VT2P,B	99	212.9	15.1	0	31.6	723	25
AgriGold	A6199STX	STX	95	212.4	16.0	2	31.6	717	27
Renk	RK612SSSTX	STX	100	210.6	17.0	3	26.9	706	30
Dairyland	DS9599	3000GT	99	210.1	16.1	0	30.7	709	28
Dyna-Gro	D40SS27RIB	STX,B	100	209.5	15.9	0	27.9	708	29
Dekalb	DKC49-29RIB CK	STX,B	99	194.4	15.8	0	27.4	657	45



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Averages = **208.2** **15.9** **3** **28.0** **702**
 LSD (0.10) = ns ns ns
 LSD (0.25) = ns ns ns
 C.V. = 11.7 10.6

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

Test Comments: *It was a cold day when I planted this location, and soil conditions were moist. Emergence was very uneven, and final stand counts were extremely variable. This site was also accidentally sprayed with Roundup, which killed all conventional hybrids. I replanted those plots on June 12, and those plots actually yielded 200 bpa. However, this data is unreliable, due mainly to random population variance.*

† 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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 PEST MANAGEMENT: Force, Roundup, Status, Accent
 FERTILITY - Applied N: 190 Fall
 Applied N-P-K (units): 190-230-170
 SEEDING - RATE - ROW: Apr 24 35,600 /A 30" spacing
 HARVESTED - STAND: Oct 27 27,500 /A

Full-Season Test
101 - 104 Day CRM
 B2015MNSE13b

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Stand	Gross Income	
				Bu/A	%	%	(x 1000)	\$/Acre	Rank
Pioneer	P0297AMXT GC	AMXT,AQ,B	102	235.7	17.0	16	34.4	790	1
Wyffels	W2276RIB	VT2P,B	100	231.4	17.1	6	27.9	775	2
Dyna-Gro	D43SS50	STX	103	231.1	17.8	11	28.3	770	3
Dairyland	DS9203	STX	103	228.3	18.0	4	29.3	759	4
Gold Country	102-88RSS	STX,B	102	223.2	17.7	0	31.6	744	5
Renk	RK633SSTX	STX,B	101	222.6	17.3	0	32.5	744	6
Dahlman	R50-306SSRIB	STX,B	101	222.4	18.3	0	25.1	738	7
NuTech	5N-0108	3011,A	101	220.4	17.1	1	30.7	738	8
Dekalb	DKC54-38RIB GC	STX,B	104	219.9	16.8	1	29.3	738	9
AgriGold	A6267STXRIB	STX,B	102	217.0	19.1	6	25.6	716	11
NuTech/G2 Gen	5K-0208^	OIXT	102	215.9	17.8	1	27.9	719	10
Latham	LH5509SSRIB	STX,B	105	214.0	19.6	13	24.2	703	14
Rob-See-Co	Innotech IC5112^	3011A	101	213.3	17.0	2	29.7	715	12
Titan Pro	TP 58-01 2P	VT2P	101	211.8	18.0	0	20.0	704	13
Anderson	537R	RR2	101	211.1	18.8	5	27.4	698	16
Golden Harvest	G01P52-3011A GC	3011A	101	209.0	16.8	8	27.4	701	15
Dekalb	DKC52-84RIB GC	STX,B	102	207.4	17.5	0	28.8	692	17
Renk	RK629VT3P	VT3P,B	101	205.4	16.3	6	25.1	692	18
Dahlman	R53-310SSRIB	STX,B	105	204.5	18.0	1	28.3	680	20
Latham	LH5253SSRIB	STX,B	102	203.6	16.7	9	27.4	684	19
Prairie Brand	5236SX	STX	102	203.0	17.3	1	29.7	679	22
Pfister	2385	HX,RR2	104	202.9	16.9	3	33.0	680	21
Renk	RK680SSTX	STX	101	202.8	18.9	2	25.1	670	25
AgriGold	A6300STXRIB	STX,B	103	202.5	18.8	3	29.7	669	26
NuTech/G2 Gen	5Z-504^	OI	104	202.0	17.1	3	28.3	676	23
LG Seeds	LG5507STX	STX	103	201.7	17.3	1	30.2	674	24
Titan Pro	TP 53-03 2P	VT2P	103	201.3	20.0	4	27.9	659	29
Dahlman	R52-328SSRIB	STX,B	103	199.6	17.6	14	30.7	666	27
Rob-See-Co	Innotech IC5460^	3000GT	104	199.1	18.3	1	29.7	661	28
Pioneer	P0157AMX GC	AMX,AQ,B	101	195.5	17.0	12	26.9	655	30
Dekalb	DKC49-29RIB CK	STX,B	99	193.4	17.3	0	27.9	646	32

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Averages = **201.2** **17.8** **4** **27.5** **670**
 LSD (0.10) = ns ns ns
 LSD (0.25) = ns ns ns
 C.V. = 17.0 8.1

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

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Additional reports available at www.firstseedtests.com
 Report Date: 10/30/2015 Revised:

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2015 Corn Grain - Minnesota Southeast [MNSE]



Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6199STX	STX	AC,P5V	95	Renk	RK596SSTX	STX,B	AC,P5V	98
AgriGold	A6217STXRIB	STX,B	AC,P5V	97	Renk	RK612SSTX	STX	AC,P5V	100
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99
Anderson	6284	None	CM,C2	98	Thunder	101-95SSRIB	STX,B	AC,C2	95
Anderson	684R	RR2	AC,P2	98	Thunder	101-97SSRIB	STX,B	AC,C2	97
Anderson	795R	RR2	MQ	95	Thunder	4600CONV	None	AC,C2	100
Anderson	7995	None	CM,C2	95	Thunder	7396VT2PRIB	VT2P,B	AC,C2	96
Blue River	43T35 GC	None	M	98	Titan Pro	TP 30-96	None	CM,C2	96
Channel	196-77STXRIB	STX,B	AC,P5V	96	Titan Pro	TP 30-99	None	CM,C2	99
Channel	197-50STXRIB	STX,B	AC,P5V	97	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Channel	197-66VT2PRIB	VT2P,B	AC,P5V	97	Titan Pro	TP 50-99 A	None	CM,C2	99
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	Viking	51-95N	None	CM,C2	95
Dahlman	R48-301SSRIB	STX,B	AC,P5	95	Viking	C44-95R	VT3P,B	AC,P2	95
Dahlman	R49-315SSRIB	STX,B	AC,P5	99	Viking	D34-95RL	STX,B	AC,P2	95
Dairyland	DS9198	STX	CM,C5,Vi,In	98	Wyffels	W1528	STX	AC,P5V	95
Dairyland	DS9599	3000GT	CM,C5,Vi,In	99	Wyffels	W1698RIB	STX,B	AC,P5V	97
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	Wyffels	W1818RIB	STX,B	AC,P5V	97
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	Wyffels	W2308RIB	STX,B	AC,P5V	100
Dyna-Gro	D37SS60	STX	AC,P5V	97					
Dyna-Gro	D40SS27RIB	STX,B	AC,P5V	100					
Gold Country	97-17RSS	STX,B	AC,P5V	97					
Gold Country	98-38RSS	STX,B	AC,P5V	98					
Golden Harvest	G94B95-3110 GC	3110	AVC,C2,Vi	94					
Golden Harvest	G99Z33-3111A GC	3111A	AVC,C2,Vi	99					
Latham	LH4455VT3ProRIB	VT3P,B	AC,P2	94					
Latham	LH4729SS	STX	AC,P5V	97					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5501VT2P	VT2P	AC,P5V	100					
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					
Pfister	1740RA	STX,B	CM,C5,Vi,In	98					
Pfister	56A1G3	3000GT	CM,C5,Vi,In	96					
Pfister	57A1	HXT,RR2	AC,P5V	97					
Pfister	60B1	HXT,RR2	AC,P5V	100					
Pioneer	P9526AMXT GC	AMXT,AQ,B	MQ,C2	95					
Pioneer	P9703AMX GC	AMX,AQ,B	MQ,C2	97					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Prairie Brand	4776SX	STX	AC,P5V	97					
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98					
Prairie Brand	5026SX	STX	AC,P5V	100					
Renk	RK544SSTX	STX,B	AC,P5V	95					

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Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	Titan Pro	TP 31-01 3011A	3011A	AVC,C5	101
AgriGold	A6283VT2PRO	VT2P	AC,P5V	101	Titan Pro	TP 40-03	None	CM,C2	103
AgriGold	A6300STXRIB	STX,B	AC,P5V	103	Titan Pro	TP 53-03 2P	VT2P	AC,P2	103
Anderson	537R	RR2	M,D,At	101	Titan Pro	TP 58-01 2P	VT2P	AC,P2	101
Anderson	6073	None	M,D,At	101	Viking	57-01N	None	CM,C2	101
Blue River	49K70 GC	None	M	102	Viking	60-01N	None	CM,C2	101
Blue River	49R39 GC	None	M	102	Viking	72-04N	None	CM,C2	104
Blue River	52F35 GC	None	M	104	Wyffels	W2276RIB	VT2P,B	AC,P5V	100
Blue River	53H36 GC	None	M	104	Wyffels	W3358RIB	STX,B	AC,P5V	103
Dahlman	R50-306SSRIB	STX,B	AC,P5	101					
Dahlman	R52-328SSRIB	STX,B	AC,P5	103					
Dahlman	R53-319SSRIB	STX,B	AC,P5	105					
Dairyland	DS9203	STX	CM,C5,Vi,In	103					
Dairyland	DS9701	STX	CM,C5,Vi,In	101					
Dairyland	DS9805	STX	CM,C5,Vi,In	105					
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99					
Dekalb	DKC52-84RIB GC	STX,B	AC,P5V	102					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
Dyna-Gro	D43SS50	STX	AC,P5V	103					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Golden Harvest	G01P52-3011A GC	3011A	AVC,C2,Vi	101					
Latham	LH5175VT2Pro	VT2P	AC,P5	101					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5259SSRIB	STX,B	AC,P5V	102					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
LG Seeds	LG5502STXRIB	STX,B	AC,P5V	102					
LG Seeds	LG5507STX	STX	AC,P5V	103					
NuTech	5N-0108	3011,A	CM,C2	101					
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					
NuTech/G2 Gen	5Z-504^	OI	MQ,P1V	104					
Pfister	2385	HXT,RR2	CM,C5,Vi,In	104					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2	101					
Pioneer	P0297AMXT GC	AMXT,AQ,B	MQ,C2	102					
Pioneer	P0448AM1 GC	AM1,B	MQ,C2	104					
Prairie Brand	5236SX	STX	CM,C5,Vi,In	102					
Prairie Brand	5385SX	STX	CM,C5,Vi,In	103					
Prairie Brand	5495SX	STX	CM,C5,Vi,In	104					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK633SSTX	STX,B	AC,P5V	101					
Renk	RK666SSTX	STX,B	AC,P5V	102					
Renk	RK680SSTX	STX	AC,P5V	101					
Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101					
Rob-See-Co	Innotech IC5460^	3000GT	CM,C2	104					

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.