

2015 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] SHELBYNA
 Matt Gill, Shelby County, MO 63468



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

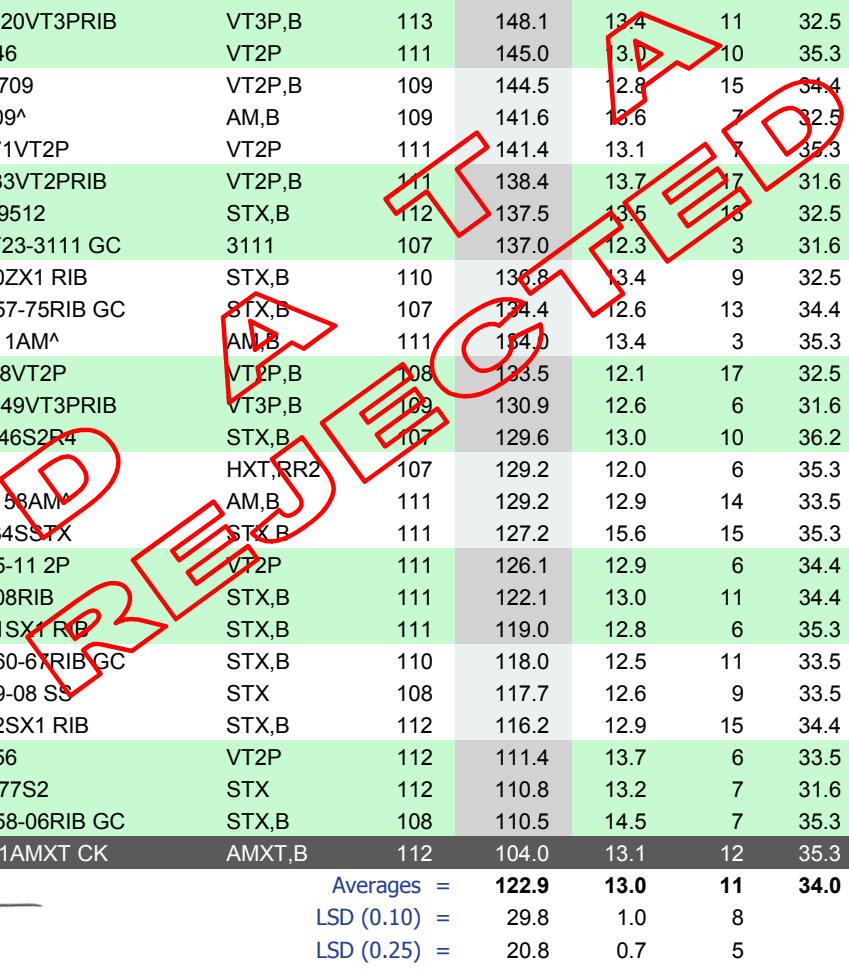
PREV. CROP/HERB: Soybean / Matador, Authority Maxx
 SOIL DESCRIPTION: Putnam silt loam, moderately drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 7.4 pH, 2% OM
 PEST MANAGEMENT: Charger Max, Corvus, Arctic, Force
 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-60-80
 SEEDING - RATE - ROW: Apr 30 32,400 /A 30" spacing
 HARVESTED - STAND: Oct 5 34,000 /A

Early-Season Test
107 - 112 Day CRM
 B2015MONE23a

Top 30 of 45

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
Lewis	R1409VT2P	VT2P,B	109	161.4	12.7	19	33.5	581	1
Golden Harvest	G10S30-3110 GC	3110	110	161.1	12.9	9	32.5	580	2
Pfister	2565SS	STX,B	108	159.7	12.7	12	32.5	575	3
Augusta	A5658GTCBLL	GT/CB/LL	108	153.8	12.5	9	37.2	554	4
LG Seeds	LG2620VT3PRIB	VT3P,B	113	148.1	13.4	11	32.5	533	5
Wyffels	W7246	VT2P	111	145.0	13.0	10	35.3	522	6
Kruger	KR-4709	VT2P,B	109	144.5	12.8	15	34.4	520	7
NuTech/G2 Gen	5F-709 ^{ns}	AM,B	109	141.6	13.6	7	32.5	510	8
Renk	RK871VT2P	VT2P	111	141.4	13.1	7	35.3	509	9
Channel	211-33VT2PRIB	VT2P,B	111	138.4	13.7	17	31.6	498	10
Kruger	K4R-9512	STX,B	112	137.5	13.5	13	32.5	495	11
Golden Harvest	G07F23-3111 GC	3111	107	137.0	12.3	3	31.6	493	12
FS InVISION	FS 60ZX1 RIB	STX,B	110	136.8	13.4	9	32.5	492	13
Dekalb	DKC57-75RIB GC	STX,B	107	134.4	12.6	13	34.4	484	14
NuTech/G2 Gen	5F-811AM ^{ns}	AM,B	111	134.0	13.4	3	35.3	482	15
Lewis	R1308VT2P	VT2P,B	108	133.5	12.1	17	32.5	481	16
LG Seeds	LG2549VT3PRIB	VT3P,B	109	130.9	12.6	6	31.6	471	17
Pfister	X12546S2R4	STX,B	107	129.6	13.0	10	36.2	467	18
Pfister	67A1	HXT,RR2	107	129.2	12.0	6	35.3	465	19
Beck	XL 6158AM ^{ns}	AM,B	111	129.2	12.9	14	33.5	465	20
Renk	RK834SS7X	STX,B	111	127.2	15.6	15	35.3	456	21
Titan Pro	TP 55-11 2P	VT2P	111	126.1	12.9	6	34.4	454	22
Wyffels	W7108RIB	STX,B	111	122.1	13.0	11	34.4	440	23
FS InVISION	FS 61SX1 RIB	STX,B	111	119.0	12.8	6	35.3	428	24
Dekalb	DKC60-67RIB GC	STX,B	110	118.0	12.5	11	33.5	425	25
Titan Pro	TP 59-08 SS	STX	108	117.7	12.6	9	33.5	424	26
FS InVISION	FS 62SX1 RIB	STX,B	112	116.2	12.9	15	34.4	418	27
Wyffels	W7456	VT2P	112	111.4	13.7	6	33.5	401	28
Pfister	X14677S2	STX	112	110.8	13.2	7	31.6	399	29
Dekalb	DKC58-06RIB GC	STX,B	108	110.5	14.5	7	35.3	398	30
Pioneer	P1221AMXT CK	AMXT,B	112	104.0	13.1	12	35.3	374	38



Jason T. Beyers

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Averages = **122.9** **13.0** **11** **34.0** **442**
 LSD (0.10) = 29.8 1.0 8
 LSD (0.25) = 20.8 0.7 5
 C.V. = 17.9 5.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.60; non-GMO = \$3.60

Test Comments: *Rainfall is the key word for this location. Planting conditions were good and emergence was good as well. Complete soil saturation for the next 2 months stressed plants to the point of no recovery. Plant height at harvest ranged from 24" to 48" tall. Ear placement was 9-12" off the ground and difficult to harvest. Area spring conditions were so bad that most soybean fields were not planted.*

† 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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 Report Date: 10/06/2015 Revised:

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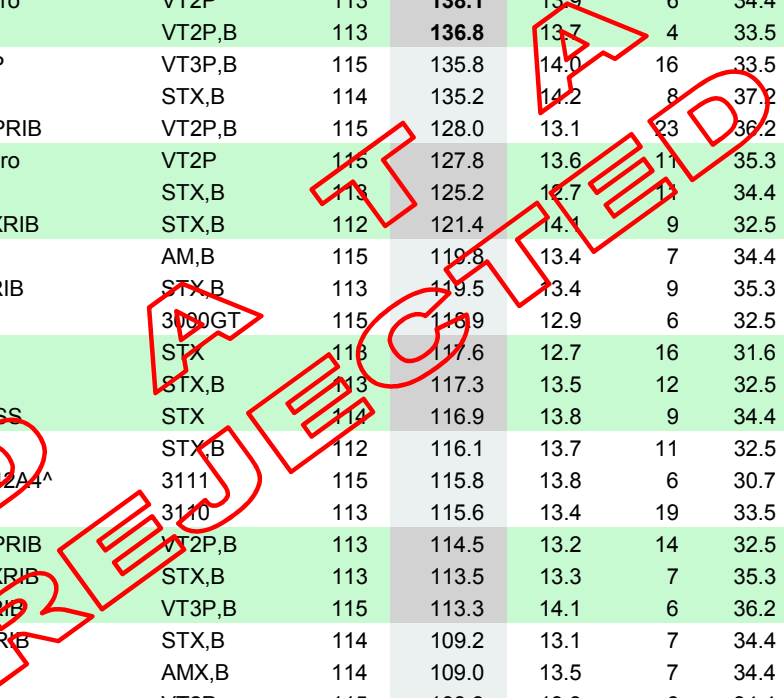
PREV. CROP/HERB: Soybean / Matador, Authority Maxx
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 SOIL CONDITION: Mod. High P, mod. high K, 7.4 pH, 2% OM
 PEST MANAGEMENT: Charger Max, Corvus, Arctic, Force
 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-60-80
 SEEDING - RATE - ROW: Apr 30 32,400 /A 30" spacing
 HARVESTED - STAND: Oct 5 34,100 /A

Full-Season Test
113 - 116 Day CRM
 B2015MONE23b

Top 30 of 45

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
Pfister	X14730VH	HXT,RR2	113	148.9	13.2	10	33.5	536	1
Pfister	2770RA	STX,B	113	145.8	13.5	10	35.3	525	2
Prairie Brand	3495RA	STX,B	115	143.9	16.1	14	32.5	513	3
Prairie Brand	6394RA	STX,B	114	141.0	13.6	11	35.3	508	4
Augusta	A5063VT2Pro	VT2P	113	138.1	13.9	6	34.4	497	5
Wyffels	W7736RIB	VT2P,B	113	136.8	13.7	4	33.5	492	6
Renk	RK930VT3P	VT3P,B	115	135.8	14.0	16	33.5	489	7
Wyffels	W7888RIB	STX,B	114	135.2	14.2	8	37.2	487	8
Channel	215-81VT2PRIB	VT2P,B	115	128.0	13.1	23	36.2	461	9
Augusta	A5565VT2Pro	VT2P	115	127.8	13.6	11	35.3	460	10
Kruger	K4R-9313	STX,B	113	125.2	12.7	11	34.4	451	11
LG Seeds	LG5618STXRIB	STX,B	112	121.4	14.1	9	32.5	437	12
NuTech/G2 Gen	5F-515^	AM,B	115	119.8	13.4	7	34.4	431	13
FS InVISION	FS 63SX1 RIB	STX,B	113	119.5	13.4	9	35.3	430	14
Beck	6948A3	3000GT	115	118.9	12.9	6	32.5	428	15
Pfister	73A1SS	STX	118	117.6	12.7	16	31.6	423	16
Kruger	K4R-9613	STX,B	113	117.3	13.5	12	32.5	422	17
Augusta	A4564GENSS	STX	114	116.9	13.8	9	34.4	421	18
Pfister	3366RA	STX,B	112	116.1	13.7	11	32.5	418	19
Beck	Phoenix 6542A4^	3111	115	115.8	13.8	6	30.7	417	20
Beck	6347VF	3110	113	115.6	13.4	19	33.5	416	21
Channel	213-26VT2PRIB	VT2P,B	113	114.5	13.2	14	32.5	412	22
LG Seeds	LG5622STXRIB	STX,B	113	113.5	13.3	7	35.3	409	23
FS InVISION	FS 65SV4 RIB	VT3P,B	115	113.3	14.1	6	36.2	408	24
Channel	214-45STXRIB	STX,B	114	109.2	13.1	7	34.4	393	25
Pioneer	P1417AMX	AMX,B	114	109.0	13.5	7	34.4	392	26
Augusta	A6465VT2Pro	VT2P	115	108.9	13.3	6	34.4	392	27
LG Seeds	LG2636VT3PRIB	VT3P,B	114	108.6	13.4	6	33.5	391	28
FS InVISION	FS 66JV4 RIB	VT3P,B	116	107.9	14.6	4	33.5	388	29
Dekalb	DKC64-87RIB GC	STX,B	114	106.8	14.0	14	33.5	384	30
Pioneer	P1221AMXT CK	AMXT,B	112	98.5	13.4	14	33.5	355	36



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Averages = **113.2** **13.4** **10** **34.1** **407**
 LSD (0.10) = 23.2 1.3 7
 LSD (0.25) = 16.2 0.9 5
 C.V. = 15.1 6.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.60; non-GMO = \$3.60

Test Comments: Rainfall is the key word for this location. Planting conditions were good and emergence was good as well. Complete soil saturation for the next 2 months stressed plants to the point of no recovery. Plant height at harvest ranged from 24" to 48" tall. Ear placement was 9-12" off the ground and difficult to harvest. Area spring conditions were so bad that most soybean fields were not planted.

† 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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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A5658GTCBLL	GT/CB/LL	CM,C1	108					
Beck	Phoenix 5832A3^	3011A	Es,P1V	112					
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110					
Beck	XL 6158AM^	AM,B	Es,P1V	111					
Beck	XL 6165^	OIX	Es,P1V	111					
Channel	211-33VT2PRIB	VT2P,B	AC,P5V	111					
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107					
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G07B39-3111A GC	3111,A	AVC,C2,Vi	109					
Golden Harvest	G07F23-3111 GC	3111	AVC,C2,Vi	107					
Golden Harvest	G10S30-3110 GC	3110	AVC,C5,Vi	110					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	KR-4709	VT2P,B	AC,P5V	109					
Lewis	R1308VT2P	VT2P,B	AC,P5V	108					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pfister	X14677S2	STX	AC,P5V	112					
Pioneer	P1023AMX	AMX,B	MQ,P1V	110					
Pioneer	P1221AMXT CK	AMXT,B	MQ,C2	112					
Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107					
Renk	RK834SSTX	STX,B	AC,P5V	111					
Renk	RK871VT2P	VT2P	AC,P2	111					
Titan Pro	TP 55-11 2P	VT2P	AC,P2	111					
Titan Pro	TP 58-10 SS	STX	AC,P5V	110					
Titan Pro	TP 59-08 SS	STX	AC,P5V	108					
Wyffels	W7108RIB	STX,B	AC,P5V	111					
Wyffels	W7246	VT2P	AC,P5V	111					
Wyffels	W7456	VT2P	AC,P5V	112					

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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
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5063VT2Pro	VT2P	AC,P5	113					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Augusta	A6465VT2Pro	VT2P	AC,P2	115					
Beck	6347VR	3110	Es,P1V	113					
Beck	6948A3	3000GT	Es,P1V	115					
Beck	Phoenix 6542A4^	3111	Es,P1V	115					
Beck	XL 6365AM^	AM,B	Es,P1V	113					
Channel	213-26VT2PRIB	VT2P,B	AC,P5V	113					
Channel	214-45STXRIB	STX,B	AC,P5V	114					
Channel	215-81VT2PRIB	VT2P,B	AC,P5V	115					
Channel	217-07VT2PRIB	VT2P,B	AC,P5V	117					
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Epley	E2305RR	RR2	AC,P2	113					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Kruger	K4R-9313	STX,B	AC,P5V	113					
Kruger	K4R-9613	STX,B	AC,P5V	113					
Kruger	KR-4913	VT2P,B	AC,P5V	113					
Lewis	R1313VT2P	VT2P,B	AC,P5V	113					
Lewis	R1414VT2P	VT2P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5622STXRIB	STX,B	AC,P5V	113					
LG Seeds	LG5638VT2PRIB	VT2P,B	AC,P5V	114					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-015^	OI	MQ,P1V	115					
Pfister	2770RA	STX,B	CM,C5,Vi,In	113					
Pfister	3366RA	STX,B	CM,C5,Vi,In	112					
Pfister	73A1SS	STX	CM,C1	113					
Pfister	X14730VH	HXT,RR2	CM,C1	113					
Pioneer	P1221AMXT CK	AMXT,B	MQ,C2	112					
Pioneer	P1417AMX	AMX,B	MQ,C2	114					
Prairie Brand	3495RA	STX,B	CM,C5,Vi,In	115					
Prairie Brand	6394RA	STX,B	CM,C5,Vi,In	114					
Renk	RK930VT3P	VT3P,B	AC,P2	115					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Titan Pro	TP 56-14 2P	VT2P	AC,P2	114					
Wyffels	W7736RIB	VT2P,B	AC,P5V	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					
Wyffels	W8376RIB	VT2P,B	AC,P5V	115					

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.