

2018 Corn Grain Top 30 Harvest Report

Nebraska Southeast [NESE] SPRINGFIELD
Jon Schram, Sarpy County, NE 68028



Test by: Agri Seed Research, LLC, Louisburg, KS

PREV. CROP/HERB: Soybean / Authority First, Dual
SOIL DESCRIPTION: Kennebec silt loam, well drained, irrigated
SOIL CONDITION: No-till, high P, medium K, 5.5 pH, 4.1% OM, 17.3 CEC
PEST MANAGEMENT: Corvus, atrazine, Laudis, Durango
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-VRT-VRT
SEEDING - RATE - ROW: Apr 28 34,000 /A 30" spacing
HARVESTED - STAND: Nov 15 32,300 /A

Early-Season Test
107 - 112 Day CRM
B2018NESE12a

Top 30 of 42

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
Augusta	A4860GT3220A	3220,A	110	255.5	15.4	0	31.5	764	1
Dekalb	DKC62-53RIB GC	VT2P,B	112	251.3	15.9	0	33.2	748	2
Hefty	H5922VT2P	VT2P	109	242.9	15.5	0	32.5	726	3
Renk	RK877DGV2P	VT2P,DG,B	111	242.1	15.5	0	32.2	723	4
Hoegemeyer/HPT	7946AM	AM,B	109	241.6	16.1	0	32.5	718	7
NuTech	5VN-4707	3111	107	240.3	15.0	0	31.9	721	5
Taylor	EXP C-112	VT2P,B	112	240.3	15.3	0	31.5	719	6
Dyna-Gro	D52VC15	VT2P	112	240.1	16.1	0	31.9	714	9
Armor	0887Pro2	VT2P	108	239.5	15.8	0	31.5	714	10
Champion	61A19VT2ProRIB	VT2P	111	239.4	15.6	0	32.2	715	8
Augusta	A4658GT3220	3220	108	239.4	16.0	0	32.5	712	11
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	237.5	15.5	0	32.5	710	12
NuTech	5NN-8812	3000GT	112	237.1	15.5	0	32.5	708	13
Wyffels	W7456RIB	VT2P,B	112	235.0	16.1	0	32.9	699	14
Augusta	A5162GT3000	3000GT	112	232.9	16.0	0	33.2	693	15
Dekalb	DKC60-88RIB	VT2P,B	110	231.2	15.6	0	31.5	690	16
Wyffels	W7576RIB	VT2P,B	112	227.0	15.6	0	33.2	678	17
Hoegemeyer/HPT	HP1655YHR	OI	110	226.1	15.3	0	33.2	677	18
NK Brand	NK0962-3220A-EZR	3220,A,B	109	226.1	15.5	0	32.9	675	19
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	224.9	15.5	0	32.5	672	20
Rob-See-Co	Innotech IC5831^	3111	108	222.3	15.4	0	31.9	665	21
Renk	RK842SSTX	STX	112	222.2	15.4	0	33.2	664	22
Pioneer	P1197AM GC	AM,B	111	221.6	16.0	0	32.2	659	24
LG Seeds	LG58C77VT2PRO	VT2P	108	221.3	16.0	0	31.9	658	25
Renk	RK815SSTX	STX,B	110	220.9	15.1	0	32.2	662	23
Hoegemeyer/HPT	7900AM	AM,B	109	220.3	15.7	0	31.9	657	27
Hefty	H6024SS	STX,B	110	220.1	15.4	0	32.2	658	26
Hefty	H6212VT2PRIB	VT2P,B	112	213.9	15.9	0	31.9	637	28
LG Seeds	LG5590VT2RIB	VT2P,B	110	210.7	15.3	0	32.2	631	29
Wyffels	W6956	VT2P	111	210.4	15.5	0	32.9	629	30
Rob-See-Co	RC6001-3220-EZR CK	3220,B	110	195.2	15.9	0	31.5	581	39

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Averages = **220.7** **15.6** **0** **32.3** **659**

LSD (0.10) = 10.7 0.1 ns

LSD (0.25) = 5.6 0.1 ns

C.V. = 4.6 Prev. years average yield, 233.4 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: This site was planted into a clean no-till seedbed, emergence was slowed by cool weather. Final stand counts were good. This site received timely rains throughout the growing season, at times too much rain. In early July, this site received 7 inches of rain. The waterlogged soils slowed growth. Plants were tall and stood well at harvest. Ears were long, girthy and filled with deep kernels.

† 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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PEST MANAGEMENT: Corvus, atrazine, Laudis, Durango
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-VRT-VRT
SEDED - RATE - ROW: Apr 28 34,000 /A 30" spacing
HARVESTED - STAND: Nov 15 32,400 /A

Full-Season Test
113 - 116 Day CRM
B2018NESE12b

Top 30 of 42

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
Dyna-Gro	D54VC14	VT2P	114	243.1	15.3	0	31.9	727	1
Wyffels	W7976RIB	VT2P,B	113	239.7	15.8	0	32.5	714	2
Armor	1500Pro2	VT2P	115	234.5	16.1	0	31.5	697	4
Hefty	H6423	VT2P,DG	114	233.8	16.1	0	32.2	695	5
Renk	RK961VT2P	VT2P,B	116	233.5	15.5	0	31.9	698	3
Dyna-Gro	D55VC45	VT2P	115	230.9	16.0	0	32.5	687	6
Pioneer	P1366AM GC	AM,B	113	228.6	15.8	0	32.9	681	7
Hefty	H6424SS	STX	114	228.1	16.1	0	32.5	678	8
Wyffels	W8646RIB	VT2P,B	116	221.2	15.8	0	31.2	659	9
Hoegemeyer/HPT	8529AM	AM,B	115	218.9	16.2	0	32.9	650	10
Taylor	EXP C-115-17	VT2P,B	115	216.4	15.7	0	33.2	645	11
Armor	1447Pro2	VT2P	114	215.8	15.7	0	32.5	644	12
Hoegemeyer/HPT	8414AM	AM,B	114	214.5	15.5	0	32.5	641	13
Taylor	EXP C-113-17	VT2P,B	113	211.2	16.4	0	32.9	626	14
Renk	RK937SSTX	STX	113	208.6	15.7	0	31.9	622	15
Champion	CSX65A17VT2ProRIB	VT2P,B	115	207.6	15.4	0	32.9	621	16
Golden Harvest	G16K01-3111	3111	116	206.4	15.1	0	32.9	619	17
Golden Harvest	G15L32-3110	3110	115	203.6	15.5	0	31.9	608	19
Champion	CSX64A15DGVT2ProRIB	VT2P,DG,B	114	199.1	15.6	0	32.9	594	20
Taylor	8866VT2ProRIB	VT2P,B	115	198.0	15.5	0	32.5	592	21
Champion	CSX63A17DGVT2ProRIB	VT2P,DG,B	113	198.0	15.6	0	32.2	591	22
Taylor	8835VT2ProRIB	VT2P,B	114	198.0	15.8	0	32.2	590	23
Hoegemeyer/HPT	HP1681YHR	OI	114	193.7	16.0	0	31.9	576	24
Champion	66A18VT2ProRIB	VT2P,B	116	192.8	15.6	0	32.2	576	25
Renk	RK965VT2P	VT2P,B	116	188.5	15.5	0	32.2	563	26
Renk	RK945DGVT2P	VT2P,DG	115	186.6	15.5	0	32.9	557	27
LG Seeds	LG5643VT2RIB	VT2P,B	114	184.6	16.7	0	31.9	546	29
Augusta	A4465GT3111	3111	114	184.5	15.4	0	33.2	552	28
LG Seeds	LG66C32STXRIB	STX,B	116	183.9	16.2	0	32.2	546	30
NK Brand	NK1433-3120-EZR	3120,B	114	182.0	15.7	0	31.5	543	31
Rob-See-Co	RC6001-3220-EZR CK	3220,B	110	204.5	15.8	0	32.5	609	18

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Averages =	200.0	15.7	0	32.4	596
LSD (0.10) =	11.0	0.1	ns		
LSD (0.25) =	5.8	0.1	ns		
C.V. =	5.2	Prev. years average yield, 233.4 bu/a, 6 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

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Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Armor	0887Pro2	VT2P	AC,P5V	108					
Armor	1227Pro2	VT2P	AC,P5V	112					
Augusta	A4658GT3220	3220	CM,C2	108					
Augusta	A4860GT3220A	3220,A	CM,C2	110					
Augusta	A5162GT3000	3000GT	CM,C2	112					
Champion	61A19VT2ProRIB	VT2P	AC,P2	111					
Champion	62A18VT2ProRIB	VT2P,B	AC,P2	112					
Dekalb	DKC60-88RIB	VT2P,B	AC,P2	110					
Dekalb	DKC62-53RIB GC	VT2P,B	AC,P2	112					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D52VC15	VT2P	AC,P5V	112					
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
Golden Harvest	G11A33-3111 GC	3111	AVC,C5,Vi	111					
Golden Harvest	G11B63-3010A	3010,A	AVC,C5,Vi	111					
Hefty	H5922VT2P	VT2P	HC	109					
Hefty	H6024SS	STX,B	HC	110					
Hefty	H6212VT2PRIB	VT2P,B	HC	112					
Hoegemeyer/HPT	7886AM	AM,B	MQ,P1V,R	108					
Hoegemeyer/HPT	7900AM	AM,B	MQ,P5V,R	109					
Hoegemeyer/HPT	7946AM	AM,B	MQ,P5V,R	109					
Hoegemeyer/HPT	HP1655YHR	OI	MQ,P5V,R	110					
LG Seeds	LG5590VT2RIB	VT2P,B	AC,P5V	110					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
LG Seeds	LG61C48VT2RIB	VT2P,B	AC,P5V	111					
NK Brand	NK0962-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,l	112					
NuTech	5VN-4707	3111	MQ,P5V,R	107					
Pioneer	P1197AM GC	AM,B	MQ,P1V,R	111					
Renk	RK815SSTX	STX,B	AC,P2	110					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG,B	AC,P2	112					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Rob-See-Co	Innotech IC5831^	3111	AVC,C2,Vi	108					
Rob-See-Co	RC6001-3220-EZR CK	3220,B	AVC,C5,Vi	110					
Taylor	8012VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8822VT2ProRIB	VT2P,B	AC,P2	111					
Taylor	EXP C-108-16	VT2P,B	AC,P2	108					
Taylor	EXP C-112	VT2P,B	AC,P2	112					
Wyffels	W6956	VT2P	AC,P5V	111					
Wyffels	W7456RIB	VT2P,B	AC,P5V	112					
Wyffels	W7576RIB	VT2P,B	AC,P5V	112					

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Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Armor	1447Pro2	VT2P	AC,P2	114					
Armor	1500Pro2	VT2P	AC,P5V	115					
Armor	1667Pro2	VT2P	AC,P5V	116					
Augusta	A4465GT3111	3111	AVC,C5	114					
Champion	66A18VT2ProRIB	VT2P,B	AC,P2	116					
Champion	CSX63A17DGV2ProRIB	VT2P,DG,B	AC,P2	113					
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	AC,P2	114					
Champion	CSX65A17VT2ProRIB	VT2P,B	AC,P2	115					
Channel	213-37VT2PRIB GC	VT2P,B	AC,P2	113					
Dekalb	DKC64-35RIB GC	VT2P,B	AC,P2	114					
Dyna-Gro	D54VC14	VT2P	AC,P5V	114					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Golden Harvest	G14V04-3120-EZR	3120,B	AVC,C5,Vi	114					
Golden Harvest	G15L32-3110	3110	AVC,C5,Vi	115					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Hefty	H6423	VT2P,DG	HC	114					
Hefty	H6424SS	STX	HC	114					
Hoegemeyer/HPT	8326AM	AM,B	CM,C2,R,Lu	113					
Hoegemeyer/HPT	8414AM	AM,B	CM,C2,R,Lu	114					
Hoegemeyer/HPT	8529AM	AM,B	CM,C2,R,Lu	115					
Hoegemeyer/HPT	HP1681YHR	OI	MQ,P1V,R	114					
LG Seeds	LG5643VT2RIB	VT2P,B	AC,P5V	114					
LG Seeds	LG66C32STXRIB	STX,B	AC,P5V	116					
NK Brand	NK1433-3120-EZR	3120,B	AVC,C5,Vi	114					
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115					
Pioneer	P1366AM GC	AM,B	MQ,P1V,R	113					
Pioneer	P1637AM GC	AM,B	MQ,P1V,R	116					
Renk	RK937SSTX	STX	AC,P5V	113					
Renk	RK945DGV2P	VT2P,DG	AC,P2	115					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965VT2P	VT2P,B	AC,P2	116					
Rob-See-Co	RC6001-3220-EZR CK	3220,B	AVC,C5,Vi	110					
Rob-See-Co	RC6401-3120-EZR GC	3120,B	AVC,C5,Vi	114					
Rob-See-Co	RC6435-3010A GC	3010,A	AVC,C5,Vi	114					
Rob-See-Co	RC6580-3111 GC	3111	AVC,C5,Vi	115					
Taylor	8835VT2ProRIB	VT2P,B	AC,P2	114					
Taylor	8866VT2ProRIB	VT2P,B	AC,P2	115					
Taylor	EXP C-113-17	VT2P,B	AC,P2	113					
Taylor	EXP C-115-17	VT2P,B	AC,P2	115					
Wyffels	W7696RIB	VT2P,B	AC,P5V	113					
Wyffels	W7976RIB	VT2P,B	AC,P5V	113					
Wyffels	W8646RIB	VT2P,B	AC,P5V	116					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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