

2018 Corn Grain Top 30 Harvest Report

Nebraska Southeast [NESE] UNION
 Nick Smith, Cass County, NE 68455



PREV. CROP/HERB: Soybean / Authority XL, Prefix
 SOIL DESCRIPTION: Marshall silty clay loam, well drained, non-irrigated
 SOIL CONDITION: No-till, high P, medium K, 5.6 pH, 4.2% OM, 15.7 CEC
 PEST MANAGEMENT: Cinch, atrazine, 2,4-D, glyphosate
 FERTILITY - Applied N: 180 Spring
 Applied N-P-K (units): 180-60-40
 SEEDING - RATE - ROW: Apr 28 31,000 /A 30" spacing
 HARVESTED - STAND: Nov 21 29,000 /A

Early-Season Test
107 - 112 Day CRM
 B2018NESE11a

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
Dekalb	DKC60-88RIB	VT2P,B	110	233.9	15.4	0	30.2	699	1
Augusta	A5162GT3000	3000GT	112	225.4	15.9	0	29.2	671	2
Dekalb	DKC62-53RIB GC	VT2P,B	112	223.5	15.5	0	29.2	668	3
Pioneer	P1197AM GC	AM,B	111	223.3	15.6	0	28.5	667	4
Armor	1227Pro2	VT2P	112	222.9	15.6	0	29.2	665	5
Hoegemeyer/HPT	7900AM	AM,B	109	220.4	15.2	0	28.5	660	6
Champion	62A18VT2ProRIB	VT2P,B	112	216.2	15.7	0	28.5	645	7
Golden Harvest	G11B63-3010A	3010,A	111	213.3	15.6	0	28.9	637	8
Dyna-Gro	D52SS63	STX	112	212.9	15.4	0	28.2	637	9
Wyffels	W7576RIB	VT2P,B	112	212.5	15.5	0	28.2	635	10
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	211.5	15.5	0	29.2	632	11
NuTech	5VN-4707	3111	107	210.3	15.6	0	30.2	628	12
Taylor	EXP C-108-16	VT2P,B	108	207.5	15.5	0	29.9	620	13
Dyna-Gro	D52VC15	VT2P	112	206.6	15.5	0	27.9	617	15
Taylor	EXP C-112	VT2P,B	112	206.2	15.1	0	28.5	618	14
Wyffels	W7456RIB	VT2P,B	112	203.8	16.1	0	29.5	606	18
NuTech	5NN-8812	3000GT	112	203.2	15.8	0	28.9	606	19
Rob-See-Co	Innotech IC5831^	3111	108	202.7	15.3	0	27.9	607	17
LG Seeds	LG58C77VT2PRO	VT2P	108	202.5	15.7	0	28.9	604	20
Augusta	A4658GT3220	3220	108	201.6	15.3	0	28.9	603	21
Champion	61A19VT2ProRIB	VT2P	111	198.9	15.5	0	28.5	594	22
NK Brand	NK0962-3220A-EZR	3220,A,B	109	198.4	15.4	0	28.5	593	23
Hoegemeyer/HPT	7946AM	AM,B	109	198.2	15.6	0	29.9	592	24
Hefty	H5922VT2P	VT2P	109	197.1	15.2	0	29.5	590	25
Hefty	H6212VT2PRIB	VT2P,B	112	196.9	15.4	0	29.2	589	26
Wyffels	W6956	VT2P	111	195.5	15.8	0	29.2	583	27
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	193.9	15.3	0	28.9	580	28
Hoegemeyer/HPT	HP1655YHR	OI	110	193.5	15.7	0	29.5	577	30
Renk	RK859DGV2P	VT2P,DG,B	112	193.4	15.5	0	29.5	578	29
Hoegemeyer/HPT	7886AM	AM,B	108	192.0	16.0	0	28.9	571	31
Rob-See-Co	RC6001-3220-EZR CK	3220,B	110	204.4	15.6	0	28.9	610	16

Adam Stuteville
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Averages =	199.8	15.5	0	29.0	597
LSD (0.10) =	10.5	0.1	ns		
LSD (0.25) =	5.5	0.1	ns		
C.V. =	5.0	Prev. years average yield, 199.2 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 seedbed and had a nice uniform stand. May, June and July brought plenty of heat with timely rains throughout the growing season. This location was planted on hill ground, which allowed any excess water to drain away quickly. Plants were tall and stood well at harvest. Very little disease pressure was seen. Harvest was delayed due to wet weather this fall.*

† 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: Cinch, atrazine, 2,4-D, glyphosate
 FERTILITY - Applied N: 180 Spring
 Applied N-P-K (units): 180-60-40
 SEEDING - RATE - ROW: Apr 28 31,000 /A 30" spacing
 HARVESTED - STAND: Nov 21 29,300 /A

Full-Season Test
113 - 116 Day CRM
 B2018NESE11b

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	D55VC45	VT2P	115	239.2	16.8	0	28.5	707	1
Armor	1447Pro2	VT2P	114	235.3	16.7	0	28.5	696	2
Hoegemeyer/HPT	8414AM	AM,B	114	232.8	16.2	0	29.5	691	3
Wyffels	W7976RIB	VT2P,B	113	231.9	15.9	0	29.2	690	4
Wyffels	W7696RIB	VT2P,B	113	231.4	16.6	0	28.9	685	5
Champion	CSX65A17VT2ProRIB	VT2P,B	115	230.2	15.9	0	29.2	685	6
Renk	RK965VT2P	VT2P,B	116	229.2	15.6	0	29.2	684	7
Hefty	H6423	VT2P,DG	114	229.2	17.0	0	29.9	676	9
Champion	66A18VT2ProRIB	VT2P,B	116	228.8	16.2	0	28.9	680	8
Wyffels	W8646RIB	VT2P,B	116	226.9	16.4	0	28.9	673	10
Armor	1500Pro2	VT2P	115	226.0	16.5	0	28.5	670	11
Taylor	8835VT2ProRIB	VT2P,B	114	223.3	16.7	0	29.5	660	13
Renk	RK945DGV2P	VT2P,DG	115	222.3	16.0	0	29.5	661	12
Renk	RK961VT2P	VT2P,B	116	221.3	16.1	0	28.9	658	14
Pioneer	P1637AM GC	AM,B	116	219.6	16.6	0	28.9	650	15
Rob-See-Co	RC6401-3120-EZR GC	3120,B	114	219.1	16.5	0	29.2	649	16
Pioneer	P1366AM GC	AM,B	113	218.6	16.3	0	28.9	649	17
LG Seeds	LG66C32STXRIB	STX,B	116	218.6	16.7	0	29.5	647	18
Armor	1667Pro2	VT2P	116	216.4	16.2	0	29.5	643	19
Taylor	8866VT2ProRIB	VT2P,B	115	212.6	16.3	0	29.2	631	20
Dyna-Gro	D54VC14	VT2P	114	212.6	16.5	0	29.9	630	21
Hefty	H6424SS	STX	114	211.8	16.7	0	30.2	626	23
Taylor	EXP C-113-17	VT2P,B	113	210.8	16.7	0	29.2	623	24
LG Seeds	LG5643VT2RIB	VT2P,B	114	209.4	16.7	0	29.2	619	25
Golden Harvest	G15L32-3110	3110	115	208.3	16.6	0	29.9	617	26
Golden Harvest	G16K01-3111	3111	116	208.1	16.7	0	29.2	615	27
Channel	213-37VT2PRIB GC	VT2P,B	113	206.3	16.8	0	29.2	610	29
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	114	205.4	16.0	0	28.9	611	28
Hoegemeyer/HPT	8326AM	AM,B	113	205.3	16.6	0	29.9	608	30
Renk	RK937SSTX	STX	113	203.2	16.1	0	29.5	604	31
Rob-See-Co	RC6001-3220-EZR CK	3220,B	110	210.3	15.8	0	29.2	627	22

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Averages =	211.2	16.3	0	29.3	626
LSD (0.10) =	10.4	0.1	ns		
LSD (0.25) =	5.5	0.1	ns		
C.V. =	4.7	Prev. years average yield, 199.2 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.