

# 2018 Corn Grain Top 30 Harvest Report

Nebraska Southeast [ NESE ] DU BOIS  
 Scott Farwell, Pawnee County, NE 68345



PREV. CROP/HERB: Soybean / Prowl, Authority, Cobra  
 SOIL DESCRIPTION: Wymore silt loam, moderately drained, non-irrigated  
 SOIL CONDITION: No-till, low P, low K, 5.8 pH, 4.3% OM, 15.2 CEC  
 PEST MANAGEMENT: SureStart, atrazine, 2,4-D, glyphosate  
 FERTILITY - Applied N: 140 Spring  
 Applied N-P-K (units): 140-40-40  
 SEEDING - RATE - ROW: May 6 28,000 /A 30" spacing  
 HARVESTED - STAND: Oct 22 27,400 /A

**Early-Season Test**  
**107 - 112 Day CRM**  
 B2018NESE07a

## 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
Renk	RK842SSTX	STX	112	<b>178.4</b>	15.2	0	26.9	534	1
Augusta	A5162GT3000	3000GT	112	<b>177.3</b>	15.9	0	27.9	528	2
Wyffels	W6956	VT2P	111	<b>174.5</b>	14.8	1	27.9	524	3
Champion	62A18VT2ProRIB	VT2P,B	112	<b>173.0</b>	15.7	2	26.2	516	4
Taylor	8822VT2ProRIB	VT2P,B	111	<b>172.4</b>	15.8	0	27.2	514	6
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	<b>172.1</b>	14.8	2	27.9	516	5
Wyffels	W7456RIB	VT2P,B	112	<b>167.2</b>	17.0	2	28.2	493	7
Augusta	A4860GT3220A	3220,A	110	<b>164.1</b>	15.5	1	27.9	490	8
NuTech	5NN-8812	3000GT	112	<b>162.0</b>	16.6	3	27.2	480	10
Armor	0887Pro2	VT2P	108	<b>161.4</b>	16.3	0	27.5	479	11
Renk	RK877DGV2P	VT2P,DG,B	111	157.9	15.7	0	26.6	471	12
Hoegemeyer/HPT	7886AM	AM,B	108	157.5	15.7	2	26.9	470	13
Golden Harvest	G11B63-3010A	3010,A	111	156.7	17.3	2	27.9	461	16
Renk	RK815SSTX	STX,B	110	156.6	15.8	2	27.9	467	14
LG Seeds	LG5590VT2RIB	VT2P,B	110	155.6	15.3	2	27.5	466	15
NK Brand	NK0962-3220A-EZR	3220,A,B	109	153.9	15.7	1	27.2	459	17
Augusta	A4658GT3220	3220	108	147.4	15.6	0	27.2	440	18
Hoegemeyer/HPT	HP1655YHR	OI	110	147.3	16.8	0	27.2	435	19
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	147.1	17.0	0	27.5	434	21
LG Seeds	LG61C48VT2RIB	VT2P,B	111	146.6	16.2	1	28.5	435	20
Hefty	H6024SS	STX,B	110	146.6	16.7	0	27.5	434	22
Taylor	EXP C-112	VT2P,B	112	145.4	16.3	1	27.5	431	23
NuTech	5VN-4707	3111	107	142.4	16.5	0	27.9	422	24
Dyna-Gro	D52SS63	STX	112	141.2	16.0	0	27.9	420	25
Armor	1227Pro2	VT2P	112	139.7	16.6	0	27.2	414	26
LG Seeds	LG58C77VT2PRO	VT2P	108	138.9	16.4	2	27.9	412	27
Renk	RK859DGV2P	VT2P,DG,B	112	138.0	15.6	3	26.2	412	28
Rob-See-Co	Innotech IC5831^	3111	108	132.9	16.1	0	27.5	395	29
LG Seeds	LG59C66VT2PRO	VT2P	109	132.4	15.9	2	27.2	394	30
Dekalb	DKC60-88RIB	VT2P,B	110	131.6	16.1	2	27.5	391	31
Rob-See-Co	RC6001-3220-EZR CK	3220,B	110	<b>163.1</b>	16.5	3	27.2	483	9

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Averages = **147.1** **16.1** **1** **27.4** **437**

LSD (0.10) = 11.7 0.3 2

LSD (0.25) = 8.1 0.2 1

C.V. = 5.8 Prev. years average yield, 141.1 bu/a, 8 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, soil temperature was cooler than normal which slowed emergence. The second half of May, June and July brought very hot days, with spotty rains. Scott, our plot host, said this site caught a couple of rains in late June and early July that really helped. Scott said corn yields just a few miles south of this plot were in the 20-60 bu/ac range.*

† 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: 10/25/2018 Revised:

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PEST MANAGEMENT: SureStart, atrazine, 2,4-D, glyphosate  
FERTILITY - Applied N: 140 Spring  
Applied N-P-K (units): 140-40-40  
SEEDING - RATE - ROW: May 6 28,000 /A 30" spacing  
HARVESTED - STAND: Oct 22 27,400 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
B2018NESE07b

**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
Renk	RK965VT2P	VT2P,B	116	<b>176.7</b>	18.0	1	26.9	517	1
Hefty	H6423	VT2P,DG	114	<b>170.1</b>	16.7	0	27.5	503	2
Rob-See-Co	RC6401-3120-EZR GC	3120,B	114	<b>168.4</b>	17.0	1	27.2	497	3
Golden Harvest	G16K01-3111	3111	116	<b>166.9</b>	17.8	1	27.5	489	4
Taylor	8835VT2ProRIB	VT2P,B	114	<b>165.3</b>	17.7	0	27.2	485	5
Channel	213-37VT2PRIB GC	VT2P,B	113	<b>159.1</b>	16.9	3	27.5	470	6
Champion	CSX65A17VT2ProRIB	VT2P,B	115	<b>154.2</b>	16.5	2	26.2	457	7
Dyna-Gro	D55VC45	VT2P	115	<b>152.7</b>	17.2	1	26.9	450	8
LG Seeds	LG5643VT2RIB	VT2P,B	114	<b>148.9</b>	16.9	0	26.6	440	9
Taylor	EXP C-115-17	VT2P,B	115	<b>147.5</b>	17.9	1	26.9	432	11
Armor	1667Pro2	VT2P	116	<b>147.0</b>	18.2	0	27.9	429	12
NK Brand	NK1433-3120-EZR	3120,B	114	<b>146.7</b>	16.5	0	27.9	435	10
Pioneer	P1366AM GC	AM,B	113	145.5	17.1	0	28.2	429	13
Wyffels	W8646RIB	VT2P,B	116	145.4	17.0	0	28.2	429	14
Hoegemeyer/HPT	8529AM	AM,B	115	144.2	18.4	0	27.2	420	17
Rob-See-Co	RC6435-3010A GC	3010,A	114	143.9	16.1	3	27.5	428	15
Pioneer	P1637AM GC	AM,B	116	143.4	17.7	1	27.9	421	16
Wyffels	W7696RIB	VT2P,B	113	142.0	17.4	0	27.2	417	18
Renk	RK945DGV2P	VT2P,DG	115	140.5	17.0	1	27.5	414	19
Hoegemeyer/HPT	HP1681YHR	OI	114	139.7	17.4	1	27.2	411	21
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	114	139.6	16.5	2	27.2	414	20
Golden Harvest	G14V04-3120-EZR	3120,B	114	134.7	16.9	0	27.9	398	23
Augusta	A4465GT3111	3111	114	134.5	17.4	2	27.5	395	24
Armor	1447Pro2	VT2P	114	132.9	16.0	0	27.9	395	25
Champion	66A18VT2ProRIB	VT2P,B	116	131.8	16.5	3	27.5	390	26
LG Seeds	LG66C32STXRIB	STX,B	116	130.8	16.9	2	27.5	386	29
Wyffels	W7976RIB	VT2P,B	113	130.5	16.2	0	27.5	388	27
Renk	RK937SSTX	STX	113	130.2	16.1	1	27.5	387	28
Renk	RK961VT2P	VT2P,B	116	129.3	17.0	2	27.9	381	30
Hoegemeyer/HPT	8414AM	AM,B	114	129.1	17.4	0	26.9	380	31
Rob-See-Co	RC6001-3220-EZR CK	3220,B	110	136.8	16.4	0	27.5	406	22

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Averages = **138.3** **16.9** **1** **27.4** **408**

LSD (0.10) = 8.2 0.2 2

LSD (0.25) = 5.7 0.2 1

C.V. = 4.4 Prev. years average yield, 141.1 bu/a, 8 yrs

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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.