

Test by: Centrol Crop Consulting Volga, SD

## 2024 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER, SD

Fred Zenk, Day County, SD 57274

**Early-Season Test** 91 - 95 Day CRM  
B2024SDNE02a

**Top 30 of 40** For Gross Income  
(Sorted by Yield)  
Average of (4) Replications

**PREV. CROP/HERB:** Soybeans / Liberty, Roundup  
Powermax

**SOIL DESCRIPTION:** Nutley-Sinai silty clay, well  
drained, non-irrigated

**SOIL CONDITION:** No-Till, low P, medium K, 7.4 pH,  
5.0% OM, 27.7 CEC

**PEST MANAGEMENT:** Cornerstone Plus, Sterling Blue,  
Class Act

**FERTILITY - Applied N:** No N, P-K in fall

**Applied N-P-K (units):** 0-78-90

**SEEDED - RATE - ROW:** Jun 16 32.5 /A 30" spacing

**HARVESTED - STAND:** Nov 6 33.0 /A

### TEST COMMENTS:

Challenges abound for this trial site. Late planted due to extremely wet conditions. Soil conditions at planting were wet, but it was a last-ditch effort to get the trial in. No nitrogen was applied due to persistent wet conditions, with P and K applied in the fall. According to the cooperater this trial had 35" of rain from April 25 through mid-August before the moisture finally shut off. Stalk rots were the cause for the lodging. The early-season test was rejected due to high yield variability.

Company/Brand	Product/Brand	Tested	RR	Yield Bu/a	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/acre	Rank
Danisco	860-200V2P98B +	V2P	95	144.8	28.2	0	34.8	402	1
Rock	86020V2P +	V2P	95	140.8	28.5	0	35.5	427	2
Jackson	2000V2P +	V2P	95	138.9	28.8	0	35.8	430	3
Rock	86020V2P +	V2P98B	94	137.2	31.2	0	37.7	413	4
Rock	86020V2P +	V2P	94	135.1	33.4	0	37.7	394	5
Jackson	2000V2P +	V2P	94	132.7	31.9	0	37.3	399	6
Danisco	860-200V2P98B +	V2P	94	131.0	30.1	0	36.9	399	7
Danisco	860-200V2P98B +	V2P	94	131.0	31.0	0	36.9	399	8
Thorsen	1000 95 +	95	94	121.9	28.8	0	34.8	373	9
Rock	86020V2P +	V2P	94	119.2	34.4	0	37.9	398	11
Rock	7000 V2P +	V2P	94	117.0	27.7	0	37.9	394	12
Anglo	CC11000V1 +	V1	94	114.8	34.4	0	35.3	329	15
Danisco	860200 +	98B	93	113.0	30.0	0	34.8	366	13
Rock	860200V2P98B +	V2P98B	93	110.4	31.0	0	36.1	332	16
Danisco	860-200V2P98B +	V2P	93	109.3	28.7	0	34.8	366	18
Rock	86020V2P98B +	V2P	93	108.2	34.8	0	35.4	359	19
Danisco	20 30V2P +	V2P	94	105.8	29.7	0	35.9	324	14
Anglo	4100 V2P98B +	V2P	91	100.4	34.4	0	35.9	298	22
Rock	86020V2P +	V2P	95	99.4	27.0	0	36.1	311	17
Danisco	860-200V2P98B +	V2P98B	94	97.1	32.0	0	36.1	299	23
Rock	86040V2P +	V2P	95	95.2	35.0	0	37.2	280	21
Danisco	2000V2P +	V	94	95.0	27.2	0	35.3	301	20
Anglo	4100 95 +	95	95	92.0	28.9	0	34.9	296	24
Danisco	2000V2P98B 95 +	V2P	91	90.8	27.7	0	35.9	290	25
Jackson	2000V2P +	V2P	91	90.3	27.8	21	36.1	283	26
Pharos	PH000 95 +	95	94	89.4	28.2	0	35.8	273	28
Thorsen	1000 V2P +	V2P	92	89.1	27.8	0	35.8	276	27
Anglo	LC114 21 95B 98B +	V1	91	87.2	28.7	0	37.2	267	30
Jackson	2000V2P +	V2P	90	86.8	31.7	0	36.0	259	31
Thorsen	1000 95 +	95	91	85.8	28.8	0	35.9	273	29



Matt Eich  
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Averages =	100.3	30.4	4	33.0	307
LSD (0.10) =	28.2	2.6	ns		
LSD (0.25) =	14.8	1.4	ns		
C.V. =	30.8			Historic yield: 168.57 bu/a, 14 yr(s)	

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.65

Report Date: 11/07/2024

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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Fred Zenk, Day County, SD 57274

<b>Full-Season Test</b>	96 - 100 Day CRM B2024SDNE02b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Liberty, Roundup Powermax
<b>SOIL DESCRIPTION:</b>	Nutley-Sinai silty clay, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, low P, medium K, 7.4 pH, 5.0% OM, 27.7 CEC
<b>PEST MANAGEMENT:</b>	Cornerstone Plus, Sterling Blue, Class Act
<b>FERTILITY - Applied N:</b>	No N, P-K in fall
<b>Applied N-P-K (units):</b>	0-78-90
<b>SEEDED - RATE - ROW:</b>	Jun 16 32.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 6 32.3 /A

### TEST COMMENTS:

Challenges abound for this trial site. Late planted due to extremely wet conditions. Soil conditions at planting were wet, but it was a last-ditch effort to get the trial in. No nitrogen was applied due to persistent wet conditions, with P and K applied in the fall. According to the cooperater this trial had 35" of rain from April 25 through mid-August before the moisture finally shut off. Stalk rots were the cause for the lodging. The early-season test was rejected due to high yield variability.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	T8598 SS ↗	STX	98	<b>170.5</b>	33.2	0	34.8	498	1
Integra	5055 VT4PRIB ↗	VT4P	100	<b>153.6</b>	34.8	0	31.9	439	2
Renk	RK582SSTX ↗	STX	98	<b>153.2</b>	38.0	0	35.8	418	5
Thunder	T8396 SS ↗	STX	96	<b>151.3</b>	39.5	0	34.8	404	7
Renk	RK579DGV2P ↗	VT2PDG	99	<b>149.5</b>	34.3	0	34.8	430	3
Jacobsen	JS9723TRE ↗	TRE	97	<b>149.3</b>	35.5	0	34.8	423	4
Dahlman	R50-252VT2PRIB ↗	VT2P	100	144.3	37.6	0	32.6	396	10
Legacy	LC-4248 SS ↗	STX	100	143.1	38.4	0	34.8	388	13
Heine	6760TRERIB ↗	TRE	97	142.7	38.7	0	33.3	386	14
Renk	RK630TRE ↗	TRE	100	141.9	35.9	0	34.1	399	8
Dairyland	DS-3881V ↗	VE	98	140.9	38.2	0	32.9	384	15
Jacobsen	JS0083VT2P ↗	VT2P	100	140.3	35.5	0	34.1	397	9
Enestvedt	E654PCE ↗	PCE	96	140.2	35.6	0	32.6	396	11
Dahlman	R49-29VT2PRIB ↗	VT2P	98	137.6	34.4	0	33.8	395	12
Chargen	VX-9631 ↗	PCE	96	137.1	36.7	0	30.4	381	17
Augusta	A1946-AA ↗	AA	96	137.1	37.8	0	33.3	376	20
Enestvedt	E665TRE ↗	TRE	97	136.4	36.0	0	31.2	383	16
Golden Harvest	G97B68-DV ↗	DV	97	136.0	31.7	0	33.3	406	6
Integra	4845PCE ↗	PCE	98	135.7	37.1	0	29.0	376	21
Augusta	A2350 ↗	D	100	135.2	36.3	0	32.6	378	19
Thunder	T6298 VT2P ↗	VT2P	98	135.1	40.2	0	33.3	357	30
Enestvedt	E600DP RIB ↗	VT2P	99	135.0	35.8	0	34.1	381	18
Heine	7025VT2PRIB ↗	VT2P	100	133.5	36.0	0	34.8	375	22
Pioneer	P9955AM GC ↗	AM	97	132.7	38.1	0	28.3	362	25
DeKalb	DKC99-11RIB GC ↗	VT2P	99	132.6	38.3	0	34.8	360	26
Jacobsen	JS0063VT4P ↗	VT4P	100	132.3	36.0	0	28.3	372	23
Heine	6650TRERIB ↗	TRE	99	132.3	38.7	8	33.8	358	29
Integra	4702 VT2PRIB ↗	VT2P	97	131.1	38.3	0	33.8	356	31
Renk	RK597SSPRO ↗	STXP	99	128.6	36.3	20	31.9	360	27
Dairyland	DS-3730V ↗	VE	97	128.4	35.2	0	30.4	365	24
DEKALB	DKC43-75RIB CK	VT2P	93	127.5	35.8	0	30.5	359	28
				<b>Averages =</b>	<b>134.9</b>	<b>36.9</b>	<b>1</b>	<b>32.3</b>	<b>376</b>
				<b>LSD (0.10) =</b>	14.0	ns	ns		
				<b>LSD (0.25) =</b>	7.3	ns	ns		
				<b>C.V. =</b>	11.4				
matt.eich@firstseedtests.com, (605) 690-8748				Historic yield: 168.57 bu/a, 14 yr(s)					

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.65

Report Date: 11/07/2024

† 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. ↗ Links to full product yield results at www.firstseedtests.com

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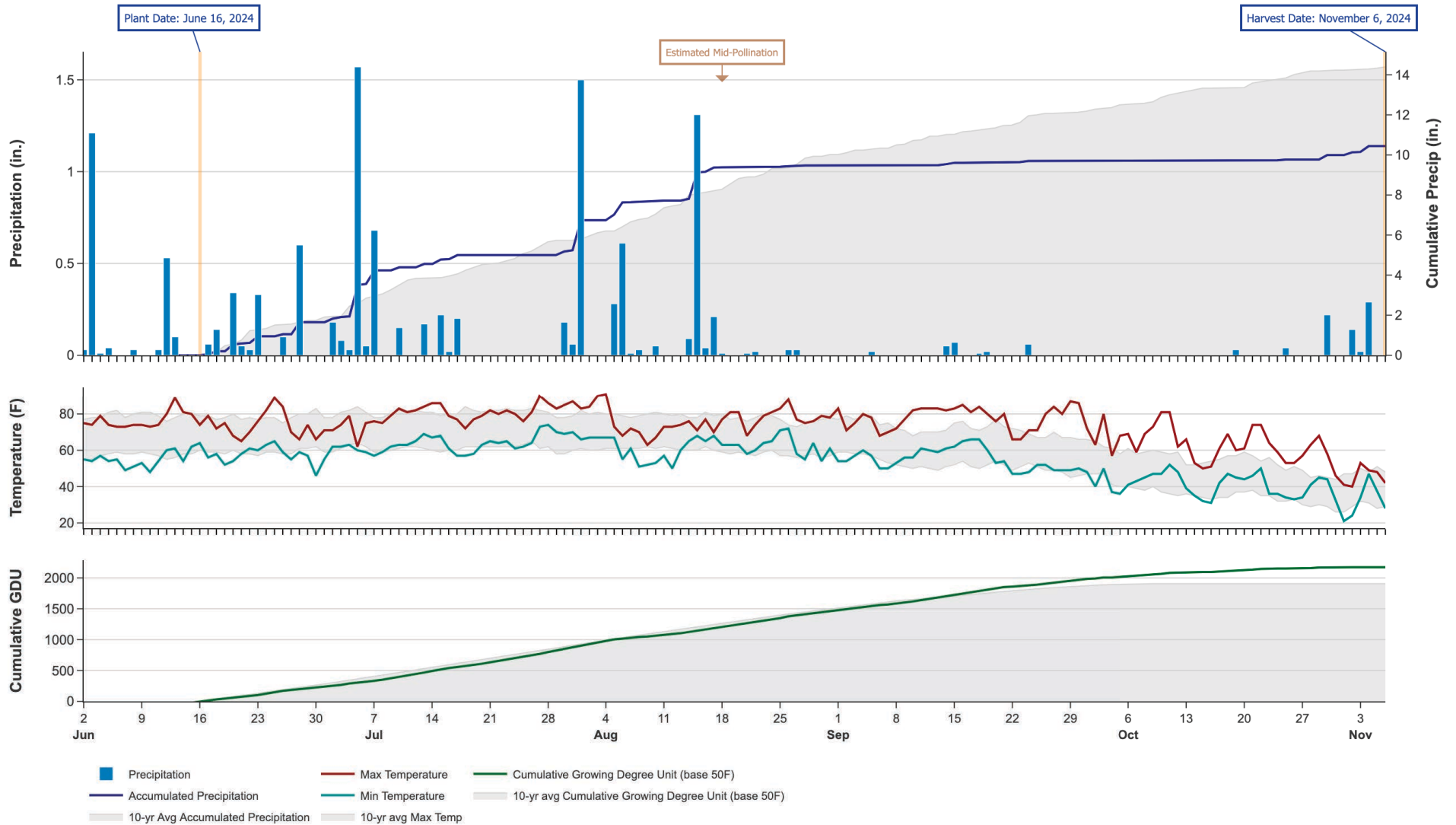
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2024 Corn - South Dakota Northeast [ SDNE ]

## Weather Conditions Summary at WEBSTER, SD

Weather Data Retrieved: 11/07/2024

Monthly Total	Jun*	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   (Diff)	3.6   3.1 (+0.5)	3.6   4.0 (-0.4)	4.2   4.3 (-0.0)	0.2   2.1 (-1.9)	0.3   2.1 (-1.8)	0.5   0.2 (+0.3)	12.4   15.8 (-3.3)
GDU   Avg (Diff)	459   537 (-78)	661   648 (+12)	586   587 (-1)	507   369 (+137)	198   37 (+160)	0   0 (0)	2411   2180 (+231)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2024 Corn - South Dakota Northeast [ SDNE ]

### Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2140-AA	AA	N	90	CM,C2
Augusta	A2244	DV	Y	94	CM,C2
Augusta	A2541-DV	DV	Y	91	CM,C2
Dahlman	R45-250VT2PRIB	VT2P	Y	90	Treated
Dahlman	R47-245DGV2PRIB	VT2PDG	Y	94	Treated
Dahlman	R47-24VT2PRIB	VT2P	Y	94	Treated
Dahlman	R47-258VT2PRIB	VT2P	Y	94	Treated
Dahlman	R48-239VT2PRIB	VT2P	Y*	95	Treated
Dairyland	DS-3477AM	AM	Y	94	Lum,P5V
DeKalb	DKC41-54RIB GC	STXP	Y	91	AC,P5V,EDC-EL
DeKalb	DKC42-64RIB GC	STX	Y	92	AC,P5V,EDC-EL
DeKalb	DKC43-75RIB CK	VT2P	Y	93	AC,P5V
Enestvedt	E612RR	RR2	N	92	CM,C2,Vi
Golden Harvest	G91V51-DV	DV	Y	91	AVC,C5,Vi,Va
Golden Harvest	G94U63-V	V	Y	94	CM,C5,Vi,Va
Heine	6122VT2PRIB	VT2P	Y	91	F,I,B,NE,NU
Heine	6215VT2PRIB	VT2P	Y*	95	F,I,B,NE,NU
Heine	6330DGV2PRIB	VT2PDG	Y*	95	F,I,B,NE,NU
Heine	6460VT2PRIB	VT2P	Y	94	F,I,B,NE,NU
Heine	6561VT4PRIB	VT4P	Y	95	F,I,B,NE,NU
Integra	4105 VT2PRIB	VT2P	Y	91	AC,P5V,St,SU
Integra	CX311096VT	VT2P	Y	94	Treated
Jacobsen	JS9053VT2P	VT2P	Y	91	Treated
Jacobsen	JS9414VT2P	VT2P	Y	95	Treated
Jacobsen	JS9494VT2P	VT2P	Y	94	Treated
Jacobsen	JS9542DGV2P	VT2PDG	Y	95	Treated
Jacobsen	JS9672VT2P	VT2P	Y	95	Treated
Legacy	LC414-21 SSX RIB	STX	Y	91	P5V
Pioneer	P9211AM GC	AM	Y	92	Lum
Pioneer	P9489Q GC	QR	Y	94	Lum, L1
Renk	RK444VT2P	VT2P	Y*	93	AC,P2
Renk	RK456VT2P	VT2P	N	94	AC,P5V,EDC-EL
Renk	RK485DGV2P	VT2PDG	Y*	94	AC,P2
Renk	RK519VT4P	VT4P	N	95	AC,P5V,EDC-EL
Renk	RK561DGV2P	VT2PDG	Y*	95	AC,P2
Thunder	T6294 VT2P	VT2PDG	Y	94	AC,P2
Thunder	T6591 PC	PCE	Y	91	F,I
Thunder	T6592 VT2P	VT2P	Y	92	F,I
Thunder	T6695 VT2P	VT2P	Y	95	F,I
Thunder	T8592 SS	STX	Y	92	F,I

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 2024 Corn - South Dakota Northeast [ SDNE ]

### Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1946-AA	AA	N	96	CM,C2
Augusta	A2350	D	Y	100	CM,C2
Chargen	VX-9631	PCE	Y	96	CM,C2,Vi,Va
Chargen	VX-9931	PCE	Y	99	CM,C2,Vi,Va
Dahlman	R49-29VT2PRIB	VT2P	Y	98	Treated
Dahlman	R50-252VT2PRIB	VT2P	Y	100	Treated
Dairyland	DS-3730V	VE	Y	97	Lum, L1
Dairyland	DS-3881V	VE	Y	98	Lum, L1
DeKalb	DKC43-75RIB CK	VT2P	Y	93	AC,P5V
DeKalb	DKC99-11RIB GC	VT2P	Y	99	AC,P5V,EDC-EL
Enestvedt	E600DP RIB	VT2P	Y	99	AC,P2
Enestvedt	E654PCE	PCE	N	96	LumPro P2
Enestvedt	E665TRE	TRE	Y	97	AC,P5V,EDC-EL
Golden Harvest	G97B68-DV	DV	Y	97	CM,C5,Vi,Va
Golden Harvest	G98U62-DV	DV	Y	98	CM,C1,Vi,Va
Heine	6650TRERIB	TRE	N	99	F,I,B,NE,NU
Heine	6760TRERIB	TRE	Y	97	F,I,B,NE,NU
Heine	7017SSPRIB	STXP	Y	100	F,I,B,NE,NU
Heine	7025VT2PRIB	VT2P	Y	100	F,I,B,NE,NU
Heine	7053VT2PRIB	VT2P	Y	100	F,I,B,NE,NU
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,St,SU
Integra	4845PCE	PCE	Y	98	AC,P5V,St,SU
Integra	5055 VT4PRIB	VT4P	Y	100	AC,P5V,St,SU
Jacobsen	JS0063VT4P	VT4P	Y	100	Treated
Jacobsen	JS0083VT2P	VT2P	Y	100	Treated
Jacobsen	JS9723TRE	TRE	Y	97	Treated
Jacobsen	JS9904SS	STX	Y	98	Treated
Legacy	LC-4248 SS	STX	Y	100	P5V
Pioneer	P97299Q GC	AQ	Y	97	Lum, L1
Pioneer	P9955AM GC	AM	Y	97	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK582SSSTX	STX	Y*	98	AC,P5V,EDC-EL
Renk	RK586VT4P	VT4P	N	99	AC,P5V,EDC-EL
Renk	RK597SSPRO	STXP	Y*	99	AC,P5V,EDC-EL
Renk	RK630TRE	TRE	N	100	AC,P2
Thunder	T6298 VT2P	VT2P	Y	98	AC,P5V,Va
Thunder	T6498 PC	PCE	N	98	CM,C2,Vi,Va
Thunder	T6500 VT2P	VT2P	Y	100	AC,P2
Thunder	T8396 SS	STX	Y	96	AC,P5
Thunder	T8598 SS	STX	Y	98	F,I

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

### Corn Technologies

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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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

## Corn Seed Treatments\*

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NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematicide
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

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