

Test by: Peterson Seed Testing LLC New Richland, MN

## 2024 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD  
Robert Snoozy, Minnehaha County, SD

<b>Early-Season Test</b>	98 - 102 Day CRM B2024SDSE03a
<b>Top 31 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Sonic, Roundup, Enlist
<b>SOIL DESCRIPTION:</b>	Nora-Crofton Complex silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, medium P, high K, 6.2 pH, 3.1% OM, 20.5 CEC
<b>PEST MANAGEMENT:</b>	Surestart, Callisto
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-70-90
<b>SEEDED - RATE - ROW:</b>	May 11 32.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 29.9 /A

### TEST COMMENTS:

*This site was planted May 11 in ideal soil conditions. Emergence was excellent, and the crop got off to a fast start. June brought excess moisture, which slowed root growth and nutrient uptake to an extent. July and August were on the dry side, bringing this crop to maturity rapidly. Plants stood well at harvest, and looked very healthy with no lodging issues. There was no weed pressure noted at harvest.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heine	7291PWE ↗	PCE	102	<b>248.0</b>	15.9	1	29.8	959	1
Wyffels	W1996RIB ↗	VT2P	98	<b>245.4</b>	15.2	1	30.1	955	2
Renk	RK628VT2P ↗	VT2P	102	<b>244.9</b>	16.2	1	30.5	943	3
Thunder	T8502 DC ↗	D	102	<b>239.1</b>	16.1	1	29.8	922	5
Augusta	A2252 ↗	D	102	<b>238.2</b>	16.5	1	30.1	915	9
Thunder	T6501 AA ↗	AA	101	<b>237.6</b>	15.7	1	30.5	920	7
Heine	7480DGVT2PRIB ↗	VT2PDG	102	<b>237.3</b>	15.5	1	29.8	920	8
Thunder	T6500 VT2P ↗	VT2P	100	236.8	15.2	1	30.5	922	6
DeKalb	DKC101-35RIB GC ↗	VT2P	101	235.3	15.3	1	30.5	915	10
Integra	5225 TRERIB ↗	TRE	102	233.8	15.5	1	30.5	907	12
Wyffels	W1869 ↗	STXP	97	233.4	14.9	1	29.4	910	11
Integra	5055 VT4PRIB ↗	VT4P	100	232.7	15.2	1	29.8	906	13
Thunder	T8598 SS ↗	STX	98	232.1	14.7	1	29.5	905	14
Heine	7025VT2PRIB ↗	VT2P	100	231.1	15.1	1	29.8	900	15
Wyffels	W2386 ↗	VT2P	100	230.0	15.1	1	30.1	896	16
Renk	RK579DGVT2P ↗	VT2PDG	99	229.9	15.4	1	30.1	893	18
Integra	4845PCE ↗	PCE	98	229.9	15.1	1	29.4	896	17
Dairyland	DS-4191V ↗	VE	101	229.6	15.3	1	29.8	893	19
Golden Harvest	G01U74-AA ↗	AA	101	229.4	16.2	1	29.8	884	20
Miller Hybrids	M02-06PC ↗	PCE	102	224.5	15.2	1	29.8	874	21
Integra	4993 TRERIB ↗	TRE	99	224.2	15.1	1	30.1	874	22
Thunder	T6498 PC ↗	PCE	98	223.7	15.0	1	30.1	872	23
Heine	7053VT2PRIB ↗	VT2P	100	223.3	15.3	1	29.8	868	24
Renk	RK586VT4P ↗	VT4P	99	221.4	14.8	1	29.4	863	25
Dairyland	DS-3881V ↗	VE	98	221.1	14.7	1	30.1	862	26
Renk	RK597SSPRO ↗	STXP	99	219.4	14.9	1	30.0	856	27
Heine	6650TRERIB ↗	TRE	99	218.5	14.8	1	29.8	852	28
Viking   Blue River	24-01 ↗	CONV	101	218.5	16.1	1	30.1	842	30
Golden Harvest	G00A97-AA ↗	AA	100	217.7	15.5	1	30.5	845	29
Renk	RK609VT2P ↗	VT2P	101	215.5	15.1	1	30.1	840	31
<b>PIONEER</b>	<b>P05737V CK</b>	<b>VE</b>	<b>105</b>	<b>243.6</b>	<b>16.3</b>	<b>1</b>	<b>29.8</b>	<b>937</b>	<b>4</b>

*Payden Peterson*

Payden Peterson

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Averages = **225.6** **15.3** **1** **29.9** **876**

LSD (0.10) = 11.6 0.3 ns

LSD (0.25) = 6.1 0.2 ns

C.V. = 5.6 Historic yield: 217.35 bu/a, 16 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.90

Report Date: 10/17/2024

† 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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Test by: Peterson Seed Testing LLC New Richland, MN

## 2024 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD  
Robert Snoozy, Minnehaha County, SD

<b>Full-Season Test</b>	103 - 108 Day CRM B2024SDSE03b
<b>Top 31 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Sonic, Roundup, Enlist
<b>SOIL DESCRIPTION:</b>	Nora-Crofton Complex silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, medium P, high K, 6.2 pH, 3.1% OM, 20.5 CEC
<b>PEST MANAGEMENT:</b>	Surestart, Callisto
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-70-90
<b>SEEDED - RATE - ROW:</b>	May 11 32.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 30.0 /A

### TEST COMMENTS:

*This site was planted May 11 in ideal soil conditions. Emergence was excellent, and the crop got off to a fast start. June brought excess moisture, which slowed root growth and nutrient uptake to an extent. July and August were on the dry side, bringing this crop to maturity rapidly. Plants stood well at harvest, and looked very healthy with no lodging issues. There was no weed pressure noted at harvest.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heine	7429PWERIB ↗	PCE	104	<b>249.3</b>	17.5	1	29.8	948	1
Dairyland	DS-4533PCE ↗	PCE	105	<b>246.0</b>	17.4	1	30.5	936	2
Integra	5802 VT2PRIB ↗	VT2P	108	<b>245.3</b>	24.8	1	30.1	861	24
Wyffels	W3579RIB ↗	STXP	105	242.7	17.6	1	30.1	921	3
Renk	RK742VT2P ↗	VT2P	108	242.0	20.6	1	29.8	890	12
Renk	RK705VT4P ↗	VT4P	105	241.3	20.5	1	30.1	888	14
Thunder	T2504 CONV ↗	CONV	104	240.8	17.8	1	30.1	912	4
Thunder	T6507 PC ↗	PCE	107	240.4	20.2	1	30.0	888	15
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	240.2	18.2	1	29.4	906	8
Dairyland	DS-4488V ↗	VE	104	239.7	17.5	1	30.1	911	5
Wyffels	W3309RIB ↗	STXP	103	239.4	17.4	1	30.1	911	6
Legacy	LC554-23 SSSX RIB GC ↗	STX	105	239.3	17.3	1	30.1	911	7
Augusta	A2356 ↗	PCE	106	237.6	19.6	1	30.5	883	17
Golden Harvest	G03U08-D ↗	D	103	236.6	17.2	1	30.1	902	9
Heine	7761VT2PRIB ↗	VT2P	107	236.4	23.0	1	30.5	847	28
Rob-See-Co	RC5430-DGVT2P GC ↗	VT2PDG	104	236.1	17.6	1	30.1	897	10
Heine	7634PWERIB ↗	PCE	106	236.0	20.2	1	30.1	872	21
Heine	795VT2PRIB ↗	VT2P	108	235.7	17.8	1	30.5	893	11
Viking   Blue River	75-07 GC ↗	CONV	107	234.1	19.4	1	29.8	872	22
Wyffels	W3286RIB ↗	VT2P	103	233.3	17.3	1	30.5	889	13
Rob-See-Co	RC5768-VT2P GC ↗	VT2P	107	233.2	20.2	1	30.5	861	25
Miller Hybrids	M06-62 ↗	CONV	106	230.7	17.9	1	30.1	873	20
Thunder	T6504 PC ↗	PCE	104	230.5	16.9	1	30.1	881	18
Renk	RK625DGVT2P ↗	VT2PDG	104	230.3	18.5	1	29.8	866	23
Enestvedt	E514 ↗	CONV	104	229.9	17.3	1	29.8	876	19
Miller Hybrids	RX03-47 ↗	CONV	103	229.7	16.0	1	30.1	887	16
Dairyland	DS-4833AM ↗	AM	108	229.3	20.8	1	29.8	841	29
Renk	RK720TRE ↗	TRE	106	228.5	19.4	1	29.4	851	27
Viking   Blue River	72-06 GC ↗	CONV	106	224.6	20.0	1	30.1	831	30
Miller Hybrids	M08-54 ↗	CONV	108	221.8	19.4	1	29.8	826	31
<b>PIONEER</b>	<b>P05737V CK</b>	<b>VE</b>	<b>105</b>	<b>224.5</b>	<b>17.6</b>	<b>1</b>	<b>29.8</b>	<b>852</b>	<b>26</b>
				<b>Averages =</b>	<b>230.5</b>	<b>19.5</b>	<b>1</b>	<b>30.0</b>	<b>857</b>
				LSD (0.10) =	13.5	1.3	ns		
				LSD (0.25) =	7.1	0.7	ns		
				C.V. =	6.4				
Payden Peterson				Historic yield: 217.35 bu/a, 16 yr(s)					
payden.peterson@firstseedtests.com, (507) 461-2492									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.90

Report Date: 10/17/2024

† 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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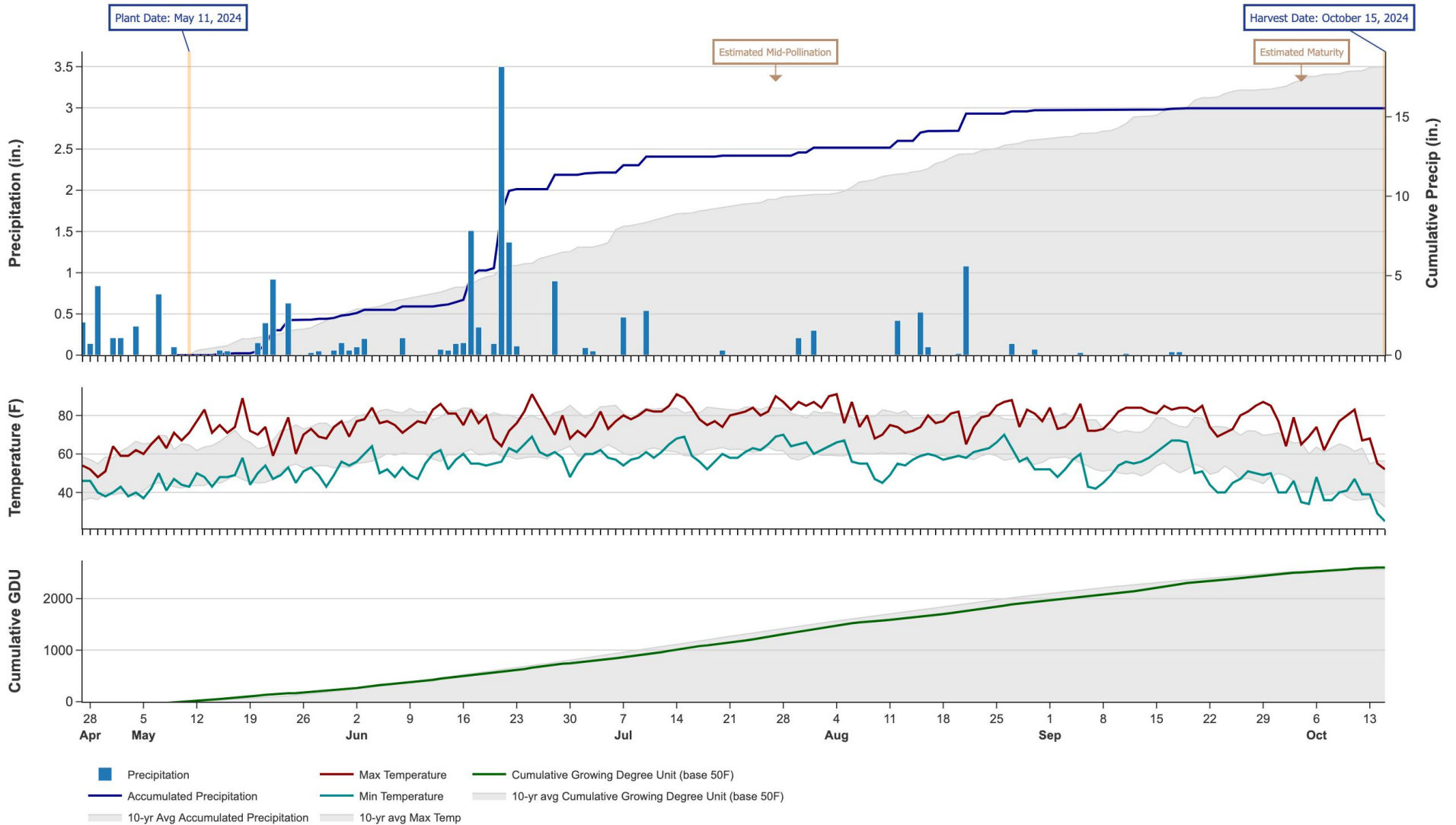
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# 2024 Corn - South Dakota Southeast [ SDSE ]

## Weather Conditions Summary at COLTON, SD

Weather Data Retrieved: 10/17/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.4   0.4 (+0.9)	4.1   3.9 (+0.2)	8.9   4.0 (+4.9)	1.4   3.6 (-2.2)	2.6   3.5 (-0.9)	0.1   3.1 (-3.0)	0.0   1.4 (-1.4)	18.5   19.9 (-1.4)
GDU   Avg (Diff)	2   0 (+2)	308   288 (+19)	506   597 (-91)	640   676 (-36)	571   600 (-29)	510   409 (+100)	136   68 (+67)	2673   2640 (+32)



\* 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 Southeast [ SDSE ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2252	D	N	102	CM,C2
Augusta	A2351	AA	Y	101	CM,C2
Dairyland	DS-3881V	VE	Y	98	Lum, L1
Dairyland	DS-4191V	VE	Y	101	Lum, L1
DeKalb	DKC101-35RIB GC	VT2P	Y	101	AC,P5V
Golden Harvest	G00A97-AA	AA	Y	100	CM,C5,Vi,Va
Golden Harvest	G01U74-AA	AA	Y	101	CM,C1,Vi,Va
Golden Harvest	G98B99-AA GC	AA	Y	98	CM,C5,Vi,Va
Heine	6650TRERIB	TRE	N	99	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
Heine	7291PWE	PCE	Y	102	F,I,B,NE,NU
Heine	7480DGV2PRIB	VT2PDG	Y	102	F,I,B,NE,NU
Integra	4845PCE	PCE	Y	98	AC,P5V,St,SU
Integra	4993 TRERIB	TRE	N	99	AC,P5V,St,SU
Integra	5055 VT4PRIB	VT4P	Y	100	AC,P5V,St,SU
Integra	5225 TRERIB	TRE	Y	102	AC,P5V,St,SU
Legacy	LC494-23 PCE RA GC	PCE	Y*	99	CM,C2,Vi,Va
Miller Hybrids	M00-75	CONV	N	100	MSC
Miller Hybrids	M02-06PC	PCE	Y	102	MSC
Miller Hybrids	RX00-58	CONV	N	100	MSC
Miller Hybrids	RX98-30	CONV	N	98	CM,C2,Vi,Va
Pioneer	P05737V CK	VE	Y	105	Lum
Pioneer	P97299PCE GC	PCE	Y	97	Lum
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK586VT4P	VT4P	N	99	AC,P5V,EDC-EL
Renk	RK597SSPRO	STXP	Y*	99	AC,P5V,EDC-EL
Renk	RK609VT2P	VT2P	Y	101	AC,P2
Renk	RK628VT2P	VT2P	Y*	102	AC,P2
Thunder	T6498 PC	PCE	N	98	CM,C2,Vi,Va
Thunder	T6500 VT2P	VT2P	Y	100	AC,P2
Thunder	T6501 AA	AA	Y	101	F,I
Thunder	T8502 DC	D	Y	102	F,I
Thunder	T8598 SS	STX	Y	98	F,I
Viking   Blue River	24-01	CONV	N	101	CM,C2
Viking   Blue River	24-99	CONV	N	99	CM,C2
Wyffels	W1869	STXP	N	97	AC,P5V
Wyffels	W1996RIB	VT2P	Y*	98	CM,C2,Vi,Va
Wyffels	W2386	VT2P	N	100	AC,P5V
Wyffels	W2446RIB	VT2P	Y*	100	CM,C2,Vi,Va

\* 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 Southeast [ SDSE ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2356	PCE	N	106	CM,C2
Augusta	A2357	V	N	107	CM,C2
Dairyland	DS-4488V	VE	Y	104	Lum, L1
Dairyland	DS-4533PCE	PCE	Y	105	Lum, L1
Dairyland	DS-4833AM	AM	Y	108	Lum
Enestvedt	E514	CONV	N	104	AC,P5V
Enestvedt	E541	CONV	N	106	CM,C2,Vi
Golden Harvest	G03U08-D	D	Y	103	CM,C1,Vi,Va
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Heine	7429PWERIB	PCE	Y	104	F,I,B,NE,NU
Heine	7634PWERIB	PCE	Y	106	F,I,B,NE,NU
Heine	7761VT2PRIB	VT2P	Y	107	F,I,B,NE,NU
Heine	7840PWERIB	PCE	Y	108	F,I,B,NE,NU
Heine	795VT2PRIB	VT2P	Y	108	F,I,B,NE,NU
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,St,SU
Integra	5584 PCE	PCE	Y*	105	AC,P5V,St,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Legacy	LC554-23 SXX RIB GC	STX	Y*	105	P5V
Miller Hybrids	M06-62	CONV	N	106	MSC
Miller Hybrids	M08-54	CONV	N	108	MSC
Miller Hybrids	RX03-47	CONV	N	103	MSC
Pioneer	P05737V CK	VE	Y	105	Lum
Renk	RK625DGV2P	VT2PDG	Y*	104	AC,P2
Renk	RK703PCE	PCE	Y*	106	Lum
Renk	RK705VT4P	VT4P	N	105	AC,P5V,EDC-EL
Renk	RK720TRE	TRE	Y*	106	AC,P2
Renk	RK742VT2P	VT2P	N	108	AC,P5V,EDC-EL
Rob-See-Co	RC5430-DGV2P GC	VT2PDG	Y	104	AC,P2
Rob-See-Co	RC5768-VT2P GC	VT2P	Y	107	CM,C2,Vi,Va
Thunder	T2504 CONV	CONV	N	104	AC,P5V
Thunder	T6306 PC	PCE	Y	106	CM,C2,Vi,Va
Thunder	T6504 PC	PCE	Y	104	F,I
Thunder	T6507 PC	PCE	Y	107	F,I
Thunder	T6509 AV	V	Y	108	F,I
Viking   Blue River	72-06 GC	CONV	N	106	CM,C2
Viking   Blue River	75-07 GC	CONV	N	107	CM,C2
Wyffels	W3286RIB	VT2P	Y*	103	CM,C2,Vi,Va
Wyffels	W3309RIB	STXP	Y*	103	CM,C2,Vi,Va
Wyffels	W3579RIB	STXP	Y*	105	CM,C2,Vi,Va
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va

\* 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®
CONV	Conventional
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
PCE	PowerCore® Enlist®
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

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,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
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
MSC	Miller Hybrids ShieldCoat™ with Vertex
P5V	Poncho 500/Votivo

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