

2023 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 B2023SDNE02a
Top 30 of 43	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Round-Up, Liberty, Ams
SOIL DESCRIPTION:	Nutley-Sinai silty clay, well drained, non-irrigated
SOIL CONDITION:	No-Till, very low P, medium K, 7.5 pH, 4.4% OM, 26.1 CEC
PEST MANAGEMENT:	Classact, Incinerate, Outlook, Cornerstone 5
FERTILITY - Applied N:	70 Spring, 70 Sidedress
Applied N-P-K (units):	140-0-0
SEEDED - RATE - ROW:	May 16 32.5 /A 30" spacing
HARVESTED - STAND:	Nov 8 27.3 /A

TEST COMMENTS:

This area had some of the wetter corn moistures that we've seen this year. The side hill location showed variable grain moisture at harvest with low areas being wetter than higher ground. The early season hybrids seemed to have the more consistent yield results. There were stalk heights on the shorter side with six-foot average height and a consistent stand with no lodging or weed issues. Use early-season test results with caution due to higher yield variance, and full-season results were rejected because of yield variability early- and late- season drought stress.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK444VT2P ↗	VT2P	93	181.1	22.7	1	27.6	731	1
Heine	6215 ↗	VT2P	95	179.5	23.9	1	27.6	712	3
Heine	6350 ↗	VT2P	97	173.6	20.4	1	26.2	725	2
Golden Harvest	G91V51-DV ↗	DV	91	171.3	22.6	1	27.1	692	4
Hefty	H4564 ↗	STX	95	166.5	23.7	1	29.0	662	9
Thunder	T6294 VT2P ↗	VT2PDG	94	165.5	22.4	1	27.1	672	7
Dairyland	DS-3203AM ↗	AM	92	162.8	20.9	1	28.1	675	6
Chargen	VX9131 ↗	DV	91	162.7	20.1	1	27.6	682	5
Rob-See-Co	RC4213-AA ↗	AA	92	160.8	21.1	1	27.6	664	8
REA	95B53 ↗	VT2P	95	159.1	23.0	1	27.6	639	14
REA	92B10 ↗	VT2P	92	157.0	22.2	2	28.1	638	15
Renk	RK502SSTX ↗	STX	95	155.1	21.8	1	27.6	635	16
Dairyland	DS-3599Q ↗	QR	95	153.5	19.7	1	26.6	647	10
Thunder	T8494 SSP ↗	STXP	94	153.5	20.0	1	26.9	645	12
Jacobsen	JS7045VT2PRO ↗	VT2P	95	151.1	19.4	1	27.1	640	13
Heine	6330DGV2PRIB ↗	VT2PDG	95	150.6	20.8	1	27.1	626	17
Rob-See-Co	RC4518-VT2P ↗	VT2P	95	149.3	21.0	2	26.6	618	18
Enestvedt	E612RR ↗	RR2	92	148.7	20.9	1	27.1	616	19
Hefty	H4264 ↗	STX	92	148.0	21.4	1	27.1	609	20
Heine	6450 ↗	STX	95	147.0	22.2	1	27.1	598	22
Heine	6200 ↗	VT2P	95	141.8	20.5	1	27.6	591	23
Jacobsen	JS9263VT2PRO ↗	VT2P	92	140.4	18.8	1	27.1	600	21
Master Farmer	MBZ-P920-V ↗	V	92	140.3	22.2	1	27.6	571	26
Dairyland	DS-3477AM ↗	AM	94	139.9	20.7	1	27.6	581	24
Hefty	H4332 ↗	VT2P	93	138.6	24.2	1	27.1	547	28
Golden Harvest	G92A51-AA ↗	AA	92	136.7	20.8	1	27.1	568	27
Rob-See-Co	RC4166-V ↗	V	91	136.6	20.2	1	27.1	572	25
Thunder	TEX23-94 ↗	VT2P	94	136.0	23.3	1	27.6	545	29
Thunder	T6992 VT2P ↗	VT2P	92	128.9	22.8	1	27.6	520	31
Dairyland	DS-3159AM ↗	AM	91	125.1	20.2	2	27.1	524	30
DEKALB	DKC50-87RIB CK	STX	100	162.1	23.7	1	27.1	645	11



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Averages = **142.4** **22.1** **1** **27.3** **584**
 LSD (0.10) = 24.5 ns ns
 LSD (0.25) = 12.8 ns ns
 C.V. = 16.3

Historic yield: 166.05 bu/a, 14 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.1 Drying = \$0.06 Prices: GMO = \$4.50

Test by: MNS Seed Testing, LLC New Richland, MN

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South Dakota Northeast [SDNE] WEBSTER, SD
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Full-Season Test	96 - 100 Day CRM B2023SDNE02b
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Round-Up, Liberty, Ams
SOIL DESCRIPTION:	Nutley-Sinai silty clay, well drained, non-irrigated
SOIL CONDITION:	No-Till, very low P, medium K, 7.5 pH, 4.4% OM, 26.1 CEC
PEST MANAGEMENT:	Classact, Incinerate, Outlook, Cornerstone 5
FERTILITY - Applied N:	70 Spring, 70 Sidedress
Applied N-P-K (units):	140-0-0
SEEDED - RATE - ROW:	May 16 32.5 /A 30" spacing
HARVESTED - STAND:	Nov 8 27.2 /A

TEST COMMENTS:

This area had some of the wetter corn moistures that we've seen this year. The side hill location showed variable grain moisture at harvest with low areas being wetter than higher ground. The early season hybrids seemed to have the more consistent yield results. There were stalk heights on the shorter side with six-foot average height and a consistent stand with no lodging or weed issues. Use early-season test results with caution due to higher yield variance, and full-season results were rejected because of yield variability early- and late- season drought stress.

Company/Brand	Product/Brand	Tested †	RR	Yield Bu/a	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/acre	Rank
Thunder	TR288 PC +	PC2	98	142.8	22.8	1	27.8	738	1
Hera	8882 +	TR2	98	174.8	25.8	1	27.1	728	2
Dakota	DAC20-8888-82 +	VT2P	100	172.2	22.8	1	27.8	687	4
Hera	8882V27A +	27A	98	171.8	22.1	1	27.1	708	3
Hera	8882V27P +	VT2P	98	170.4	23.8	1	27.1	680	7
Jacobson	JAC2279E +	TR2	97	171.8	21.8	1	27.8	688	6
Hera	8882V27P2 +	VT2P2	98	169.8	21.8	1	27.1	678	8
Hera	8882V27P2 +	27P2	98	169.4	21.8	1	27.1	680	5
Charger	V8801 +	TR2	98	168.8	21.7	1	27.8	642	11
Charger	V8801 +	TR2	98	168.8	21.7	1	27.1	648	9
Holly	H8842 HB +	TR2	98	168.8	21.8	1	27.1	648	10
Dorland	DR-28819E	TR2	98	168.8	22.2	1	28.1	628	14
Wester Farm	W82-8882 AA +	AA	97	168.8	19.8	1	28.1	638	12
Dorland Harvest	DR888 AA +	AA	98	161.8	21.8	1	27.1	621	18
Thunder	TR288 VT2P +	TR2	98	161.8	25.8	2	28.8	632	13
Rob-See-Co	RC-8882-VT2P +	VT2P	98	161.2	26.2	1	27.8	678	24
L3 Seeds	L3-8882-VT2P +	VT2P	97	161.1	21.4	1	27.8	622	16
Rob-See-Co	RC-88-43-TR2	TR2	98	160.8	21.8	1	27.1	617	17
Jacobson	JAC2279E +	VT2P	97	148.2	22.1	1	27.1	604	19
Dorland	DR-28819E	TR2	98	148.2	22.8	1	27.1	588	21
Holly	H8842 +	27P	98	148.2	21.4	1	27.8	601	20
Dorland	DR-28819E +	VT2P	98	148.8	22.8	1	28.8	588	22
L3 Seeds	L3-8882-VT2P2 +	VT2P2	98	142.8	24.1	1	28.8	581	27
Holly	H8842 +	VT2P	100	141.8	24.1	1	27.8	581	28
NSA	NSA78 +	27A	98	141.7	19.2	1	27.8	602	18
Rob-See-Co	RC-88-43-VT2P +	VT2P	97	141.3	23.8	1	27.8	588	25
Hera	8882V27P2 +	VT2P2	98	138.1	22.4	1	27.8	584	26
NSA	NSA78 +	27A	98	137.8	22.4	1	27.8	588	29
Hera	8782 +	TR2	97	134.8	22.7	1	27.1	548	31
Rob-See-Co	RC-8879-PC2 +	PC2	97	134.8	25.8	1	27.1	558	30

REJECTED DATA

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Averages =	143.0	22.2	1	27.2	585
LSD (0.10) =	ns	ns	ns		
LSD (0.25) =	ns	ns	ns		
C.V. =	21.8			Historic yield: 166.05 bu/a, 14 yr(s)	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.1 Drying = \$0.06 Prices: GMO = \$4.50

Report Date: 11/09/2023

† 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

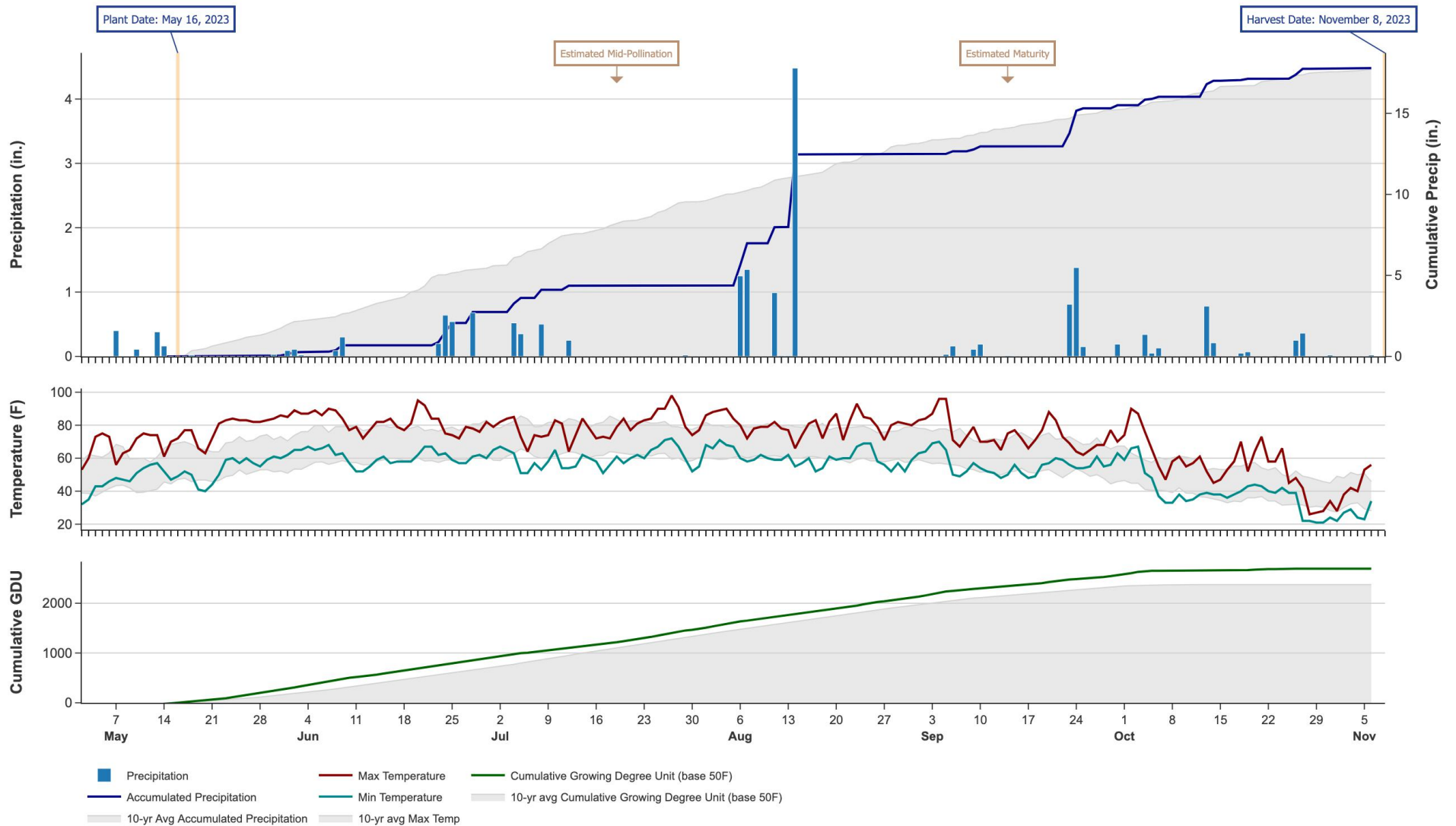
Additional reports available at www.firstseedtests.com

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2023 Corn - South Dakota Northeast [SDNE]

Weather Conditions Summary at WEBSTER, SD

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	1.1 3.0 (-1.9)	2.7 3.7 (-1.0)	1.6 4.1 (-2.5)	8.1 3.6 (+4.5)	3.0 2.1 (+0.9)	2.3 2.4 (-0.1)	0.0 0.1 (-0.1)	18.8 18.9 (-0.1)
GDU Avg (Diff)	394 226 (+167)	632 540 (+91)	592 663 (-71)	628 598 (+29)	452 381 (+70)	132 35 (+96)	0 0 (0)	2830 2447 (+382)



* 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.

2023 Corn - South Dakota Northeast [SDNE]

Early-Season Test Products (43 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1943-AA	AA	N	93	AC,P5V
Augusta	A2140-D	D	N	90	CM,C2
Chargen	VX9131	DV	Y	91	CM, Vi
Dairyland	DS-3159AM	AM	Y	91	Lum, L1
Dairyland	DS-3203AM	AM	Y	92	Lum, L1
Dairyland	DS-3477AM	AM	Y	94	Lum, L1
Dairyland	DS-3599Q	QR	Y	95	Lum, L1
DeKalb	DKC50-87RIB CK	STX	Y	100	AC,P5V,EDC-EL
Enestvedt	E612RR	RR2	N	92	CM, Vi
Golden Harvest	G91V51-DV	DV	Y	91	AVC,C1,Va
Golden Harvest	G92A51-AA	AA	Y	92	CM,C5,Va
Hefty	H4264	STX	Y	92	HC
Hefty	H4332	VT2P	N	93	HC
Hefty	H4462	VT2P	N	94	HC
Hefty	H4562	VT2P	N	95	HC
Hefty	H4564	STX	N	95	HC
Heine	6200	VT2P	Y	95	Treated
Heine	6215	VT2P	Y*	95	Treated
Heine	6330DGVT2PRIB	VT2PDG	Y*	95	Treated
Heine	6350	VT2P	N	97	Treated
Heine	6450	STX	Y	95	Treated
Jacobsen	JS5044DGVT2P	VT2PDG	Y	95	Treated
Jacobsen	JS7045VT2PRO	VT2P	Y	95	Treated
Jacobsen	JS9263VT2PRO	VT2P	Y	92	Treated
LG Seeds	LG42C80VT2PRIB	VT2P	Y	92	AC,P2V
Master Farmer	MBZ-P920-V	V	Y	92	CM,C2,Vi,Va
REA	92B10	VT2P	Y	92	AC,P5V,EDC-B
REA	95A36	STX	Y	95	AC,P5V,EDC-B
REA	95B53	VT2P	Y	95	AC,P5V,EDC-B
Renk	RK444VT2P	VT2P	N	93	AC,P2
Renk	RK485DGVT2P	VT2PDG	N	94	AC,P2
Renk	RK502SSTX	STX	N	95	AC,P5V
Renk	RK561DGVT2P	VT2PDG	N	95	AC,P2
Rob-See-Co	RC4166-V	V	Y	91	CM,C2,Vi,Va
Rob-See-Co	RC4185-VT2P	VT2P	Y	91	AC,P2V
Rob-See-Co	RC4213-AA	AA	Y	92	CM,C2,Vi,Va
Rob-See-Co	RC4300-VT2P	VT2P	Y	93	AC,P2V
Rob-See-Co	RC4518-VT2P	VT2P	Y	95	CM,C2,Vi,Va
Thunder	T6294 VT2P	VT2PDG	Y	94	AC,P2
Thunder	T6396 VT2P	VT2P	Y	94	AC,P2
Thunder	T6992 VT2P	VT2P	Y	92	AC,P2
Thunder	T8494 SSP	STXP	Y	94	AC,P5

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	TEX23-94	VT2P	Y	94	AC,P2

* 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.

2023 Corn - South Dakota Northeast [SDNE]

Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Chargen	VX9631	PCE	Y	96	CM, Vi
Chargen	VX9931	PCE	Y	99	CM, Vi
Dairyland	DS-3881AM	AM	Y	98	Lum
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-4003Q	QR	Y	100	Lum, L1
DeKalb	DKC50-87RIB CK	STX	Y	100	AC,P5V,EDC-EL
DeKalb	DKC50-88RIB GC	VT2P	Y	100	AC,P5V,EDC-EL
Enestvedt	E600DP RIB	VT2P	Y	99	AC,P2
Golden Harvest	G97B68-DV	DV	Y	97	AVC,C1,Va
Golden Harvest	G98B99-AA	AA	Y	98	CM,C5,Va
Hefty	H4653 RIB	VT2PDG	Y	96	HC
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H4964	STXP	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hefty	H5062	VT2P	N	100	HC
Heine	6575VT2PRIB	VT2P	Y*	99	Treated
Heine	6650	TRE	N	99	Treated
Heine	6725PWE	PCE	Y	97	Treated
Heine	6760	TRE	Y	97	Treated
Heine	6815PWE	PCE	Y	98	Treated
Jacobsen	JS7096VT2PRO	VT2P	Y	97	Treated
Jacobsen	JS9723TRE	TRE	Y	97	Treated
LG Seeds	LG47C77VT2RIB	VT2P	Y	97	AC,P2
LG Seeds	LG48C87VT2PRO	VT2P	N	98	AC,P5V
LG Seeds	LG5465VT2RIB	VT2P	Y	97	Treated
Master Farmer	MBZ-R962-AA	AA	Y	96	CM,C2,Vi,Va
REA	96A79	STX	Y	96	AC,P5V,EDC-B
REA	98A15	STX	Y	98	AC,P5V,EDC-B
REA	98T64	TRE	Y	98	AC,P5V,EDC-B
Renk	RK571PWE	PCE	N	96	Lum,P5V
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK582SSTX	STX	N	98	AC,P5V
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V,B300
Rob-See-Co	D97-95-VT2P	VT2P	Y	97	CM,C2,Vi,Va
Rob-See-Co	D98-43-TRE	TRE	Y	98	CM,C2,Vi,Va
Rob-See-Co	RC4680-VT2P	VT2P	Y	96	AC,P2V
Rob-See-Co	RC4779-PCE	PCE	N	97	CM,C2,Vi,Va
Rob-See-Co	RC4937-SSP	STXP	Y	99	P5V
Thunder	T6298 VT2P	VT2P	Y	98	AC,P2
Thunder	T6300 VT2P	VT2P	Y	100	AC,P2
Thunder	T6497 TRE	TRE	Y	97	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	T6498 PC	PCE	N	98	CM,C2,Vi,Va
Thunder	T6999 VT2P	VT2P	Y	99	AC,P2

* 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

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

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
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
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
CM, Vi	CruiserMaxx®, Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.