

Test by: Southern MN FIRST New Richland, MN

2023 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] LAMBERTON, MN
Ed Iverson, Redwood County, MN 56152

Early-Season Test	97 - 102 Day CRM B2023MNSW04a
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Prowl, Battle Star
SOIL DESCRIPTION:	North Twin-Walnut Grove Complex loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, low K, 4.4 pH, 4.0% OM, 51.9 CEC
PEST MANAGEMENT:	Force, Ironclad, Capreno, Aatrex, Stratego At V4, Quilt XI At Tassel
FERTILITY - Applied N:	185 Spring, 15# Sulfur
Applied N-P-K (units):	185-90-80
SEEDED - RATE - ROW:	May 10 34.3 /A 30" spacing
HARVESTED - STAND:	Nov 6 31.6 /A

TEST COMMENTS:

We set planting depth to 2 1/8" so the seed reached moisture consistently. This field looked quite good all summer, with good rainfall falling here into June. Ed told me that his crops looked great in summer. More rain fell here than further east in southern MN. This field received golf ball-sized hail on Oct 24, with an estimated 20% yield loss. Some ears and shelled kernels were seen scattered on the ground during plot harvest. Otherwise stalks still stood well at harvest. Despite the hail, yield data analysis was excellent on all 3 tests.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Heine	7360 ↗	TRE	102	229.1	15.1	0	32.7	1088	1	
DeKalb	DKC101-35RIB GC ↗	VT2P	101	228.8	15.4	0	33.2	1083	2	
Dairyland	DS-4219AM ↗	AM	102	228.2	15.9	0	30.8	1076	3	
Wyffels	W1996RIB ↗	VT2P	98	225.6	15.4	0	30.8	1068	4	
Legacy	LC494-23 ↗	PCE	99	224.1	16.4	0	32.7	1052	5	
DenBesten	DB34-92 ↗	CONV	92	221.8	15.3	0	32.2	1051	6	
Augusta	A3052-DV ↗	DV	102	221.6	16.2	0	33.2	1042	8	
Dairyland	DS-3900AM ↗	AM	99	221.5	15.8	0	32.2	1045	7	
Pioneer	P9955Q GC ↗	QR	99	221.4	16.1	0	32.7	1042	9	
Hefty	H5254 ↗	STX	102	220.4	15.6	0	32.2	1041	10	
Dairyland	DS-4003Q ↗	QR	100	220.2	16.0	0	32.7	1037	11	
Renk	RK628VT2P ↗	VT2P	102	219.5	15.6	0	31.3	1037	12	
Viking Blue River	46-02 ↗	CONV	102	219.0	15.8	0	32.7	1034	13	
Enestvedt	E692 CONV ↗	CONV	98	217.7	15.3	0	32.7	1031	14	
Augusta	A2048-AA ↗	AA	98	216.8	15.6	0	30.3	1025	16	
Jacobsen	JS5206DGV2P ↗	VT2PDG	102	216.5	15.3	0	32.2	1026	15	
Enestvedt	E539 ↗	CONV	102	216.3	15.6	0	33.2	1022	19	
DeKalb	DKC47-85RIB GC ↗	VT2P	97	216.1	15.4	0	31.8	1023	17	
Dairyland	DS-3881AM ↗	AM	98	216.1	15.4	0	30.8	1023	18	
Gold Country	101-51RSP ↗	STXP	101	215.7	15.6	0	29.4	1019	20	
Augusta	A2150-DV ↗	DV	100	215.6	15.8	0	32.2	1017	21	
Rob-See-Co	RC4779-PCE ↗	PCE	97	213.7	15.3	0	30.8	1013	22	
Titan Pro	30-00 SS ↗	STX	100	213.5	15.3	0	31.8	1012	23	
Wyffels	W2595 ↗	TRE	101	213.4	15.5	0	31.3	1009	24	
Wyffels	W2629 ↗	STXP	101	212.3	15.3	0	31.3	1006	25	
Rob-See-Co	RC4937-SSP ↗	STXP	99	212.1	15.7	0	32.2	1002	26	
Dyna-Gro	D41TC74RIB ↗	TRE	101	211.0	15.4	0	29.9	999	27	
Jacobsen	JS7107VT2PRO ↗	VT2P	102	210.6	15.6	3	32.2	996	28	
Heine	7480 ↗	VT2PDG	102	208.3	15.4	0	32.7	986	29	
Heine	7450 ↗	VT2P	104	208.3	15.6	0	31.3	984	30	
DEKALB	DKC51-25RIB CK	VT2P	101	174.8	15.1	0	30.3	830	72	
				Averages =	205.6	15.5	0	31.6	972	
				LSD (0.10) =	12.6	0.4	ns			
				LSD (0.25) =	6.6	0.2	ns			
				C.V. =	5.8					
										Historic yield: 196.91 bu/a, 5 yr(s)

Mark Querna

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.75

Report Date: 11/07/2023

† 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

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Test by: Southern MN FIRST New Richland, MN

2023 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] LAMBERTON, MN
Ed Iverson, Redwood County, MN 56152

Full-Season Test	103 - 107 Day CRM B2023MNSW04b
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Prowl, Battle Star
SOIL DESCRIPTION:	North Twin-Walnut Grove Complex loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, low K, 4.4 pH, 4.0% OM, 51.9 CEC
PEST MANAGEMENT:	Force, Ironclad, Capreno, Aatrex, Stratego At V4, Quilt XI At Tassel
FERTILITY - Applied N:	185 Spring, 15# Sulfur
Applied N-P-K (units):	185-90-80
SEEDED - RATE - ROW:	May 10 34.3 /A 30" spacing
HARVESTED - STAND:	Nov 6 32.0 /A

TEST COMMENTS:

We set planting depth to 2 1/8" so the seed reached moisture consistently. This field looked quite good all summer, with good rainfall falling here into June. Ed told me that his crops looked great in summer. More rain fell here than further east in southern MN. This field received golf ball-sized hail on Oct 24, with an estimated 20% yield loss. Some ears and shelled kernels were seen scattered on the ground during plot harvest. Otherwise stalks still stood well at harvest. Despite the hail, yield data analysis was excellent on all 3 tests.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5704 SSPRO ↗	STXP	107	239.6	16.4	0	30.8	1125	1
Titan Pro	24-05 PCE ↗	PCE	105	238.6	16.2	0	33.2	1122	3
Gold Country	103-76RSS ↗	STX	103	238.5	16.2	0	32.7	1121	4
Titan Pro	24-04 ↗	CONV	104	238.2	15.8	0	33.2	1124	2
DenBesten	DB34-06 ↗	CONV	106	237.3	16.4	0	34.1	1114	6
Wyffels	W3309 ↗	STXP	103	236.3	15.8	0	32.2	1115	5
Dairyland	DS-4567Q ↗	QR	105	235.4	16.6	0	32.7	1103	8
Titan Pro	36-06 ↗	CONV	106	235.2	15.7	0	32.7	1110	7
Heine	7410 ↗	PCE	104	232.1	16.5	0	33.6	1089	10
Viking Blue River	72-06 ↗	CONV	106	230.7	15.3	0	33.2	1093	9
Gold Country	105-51R2P ↗	VT2P	105	230.5	15.7	0	31.8	1088	11
Augusta	A1954 PCE ↗	PCE	104	229.8	16.0	0	32.7	1082	12
Heine	795 ↗	VT2P	107	229.4	16.2	0	33.2	1078	14
Rob-See-Co	RC5694-VT2P ↗	VT2P	106	228.4	15.7	0	33.2	1079	13
Dairyland	DS-4365AM ↗	AM	103	228.3	16.2	0	30.8	1073	15
Pioneer	P0404Q GC ↗	QR	104	227.9	16.0	0	31.3	1073	16
Pioneer	P05737AM GC ↗	AM	105	227.8	16.4	0	32.2	1070	17
Gold Country	107-83R2P ↗	VT2P	107	225.0	16.2	0	30.8	1058	21
Enestvedt	E541 ↗	CONV	106	225.0	15.6	0	30.8	1064	18
Augusta	A1956-PWE ↗	PCE	106	224.6	16.0	0	31.8	1058	22
Titan Pro	32-06 SSP ↗	STXP	106	224.6	15.7	0	31.8	1061	19
Wyffels	W3576RIB ↗	VT2P	103	224.4	15.6	0	32.2	1061	20
Augusta	A1457-D ↗	D	107	224.3	17.2	0	32.7	1046	27
Rob-See-Co	RC5422-PCE ↗	PCE	104	223.7	16.5	0	33.6	1049	25
Jacobsen	JS0513TRE ↗	TRE	107	222.9	15.4	0	31.8	1055	23
Hefty	H5674 ↗	STXP	106	222.0	15.2	0	32.7	1052	24
Viking Blue River	84-05 ↗	CONV	105	221.8	15.5	0	31.8	1049	26
Gold Country	104-75RSP ↗	STXP	104	220.9	15.6	0	32.2	1044	28
Renk	RK703PWE ↗	PCE	106	218.5	15.9	0	32.7	1030	30
Heine	7650VT2PRO ↗	VT2P	106	218.3	15.4	0	33.2	1033	29
DEKALB	DKC51-25RIB CK	VT2P	101	190.7	15.5	1	31.3	902	60
				Averages =	217.5	15.9	0	32.0	1025
				LSD (0.10) =	16.1	0.4	ns		
				LSD (0.25) =	8.4	0.2	ns		
				C.V. =	7.0				
				Historic yield: 196.91 bu/a, 5 yr(s)					

Mark Querna

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.75

Report Date: 11/07/2023

† 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

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2023 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] LAMBERTON, MN
Ed Iverson, Redwood County, MN 56152

Ultra Late-Season Test 108 - 112 Day CRM
B2023MNSW041

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Prowl, Battle Star

SOIL DESCRIPTION: North Twin-Walnut Grove
Complex loam, moderately
drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
low K, 4.4 pH, 4.0% OM, 51.9
CEC

PEST MANAGEMENT: Force, Ironclad, Capreno,
Aatrex, Stratego At V4, Quilt XI
At Tassel

FERTILITY - Applied N: 185 Spring, 15# Sulfur

Applied N-P-K (units): 185-90-80

SEEDED - RATE - ROW: May 10 34.3 /A 30" spacing

HARVESTED - STAND: Nov 6 31.7 /A

TEST COMMENTS:

We set planting depth to 2 1/8" so the seed reached moisture consistently. This field looked quite good all summer, with good rainfall falling here into June. Ed told me that his crops looked great in summer. More rain fell here than further east in southern MN. This field received golf ball-sized hail on Oct 24, with an estimated 20% yield loss. Some ears and shelled kernels were seen scattered on the ground during plot harvest. Otherwise stalks still stood well at harvest. Despite the hail, yield data analysis was excellent on all 3 tests.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-4917AM ↗	AM	109	268.5	17.3	0	31.8	1251	1
Titan Pro	31-10 PCE ↗	PCE	110	263.6	17.5	0	32.7	1226	2
Golden Harvest	G10B61-AA ↗	AA	110	263.0	17.2	0	32.2	1226	3
Dairyland	DS-4833AM ↗	AM	108	257.8	16.3	0	33.2	1211	4
Hefty	H6064 ↗	STX	110	254.5	17.7	0	32.7	1181	6
Hefty	H5862 ↗	VT2P	108	254.3	17.0	0	32.7	1188	5
Golden Harvest	G11V76-D ↗	D	111	251.3	17.5	0	34.1	1169	8
Dairyland	DS-4878AM ↗	AM	108	250.8	17.0	0	31.7	1171	7
DenBesten	DB32-13 ↗	CONV	112	248.3	17.1	0	29.9	1158	9
Pioneer	P1185AM GC ↗	AM	111	247.3	17.0	0	32.2	1155	10
DenBesten	DB34-12 ↗	CONV	112	245.2	17.4	0	31.8	1141	12
Hefty	H6252 ↗	VT2P	112	244.6	17.3	0	31.3	1140	13
Brevant	B09Z08AM GC ↗	AM	109	241.4	16.0	0	32.2	1137	14
Dyna-Gro	D49VC53RIB ↗	VT2P	109	241.3	15.5	0	31.8	1142	11
Pioneer	P0953AM GC ↗	AM	109	239.2	15.9	0	32.7	1128	15
Gold Country	111-39RSS ↗	STX	111	238.3	16.9	0	32.7	1114	16
Wyffels	W5406 ↗	VT2P	108	235.7	15.8	0	31.8	1112	17
DeKalb	DKC110-10RIB GC ↗	STX	110	234.3	16.4	0	31.8	1100	19
DeKalb	DKC108-64RIB GC ↗	STXP	108	233.7	15.7	0	33.2	1104	18
Renk	RK811PWE ↗	PCE	111	233.2	16.3	0	29.9	1096	20
Hefty	H5952 ↗	VT2P	109	230.2	16.6	0	30.8	1079	21
Wyffels	W6886 ↗	VT2P	111	227.9	16.6	0	31.8	1068	22
Integra	6061 STXRIB ↗	STX	110	225.2	17.1	0	31.8	1050	23
DenBesten	DB33-08 ↗	CONV	108	223.7	16.8	0	32.2	1046	25
Renk	RK766SSPRO ↗	STXP	109	223.2	16.5	0	30.3	1047	24
Integra	CXINT108VT ↗	VT2P	108	219.1	15.0	0	33.6	1041	26
Renk	RK773TRE ↗	TRE	109	216.6	16.2	0	30.8	1018	27
Hefty	H6042 RIB ↗	VT2P	110	215.8	15.8	0	30.4	1018	28
Dyna-Gro	D50VC09RIB ↗	VT2P	110	214.6	15.1	0	30.4	1018	29
Integra	5802 VT2PRIB ↗	VT2P	108	214.3	15.2	6	33.2	1016	30

Averages = **233.4** **16.5** **0** **31.7** **1094**

LSD (0.10) = 15.2 0.8 ns

LSD (0.25) = 7.9 0.4 ns

Mark Querna

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C.V. = 6.1

Historic yield: 196.91 bu/a, 5 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.75

Report Date: 11/07/2023

† 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

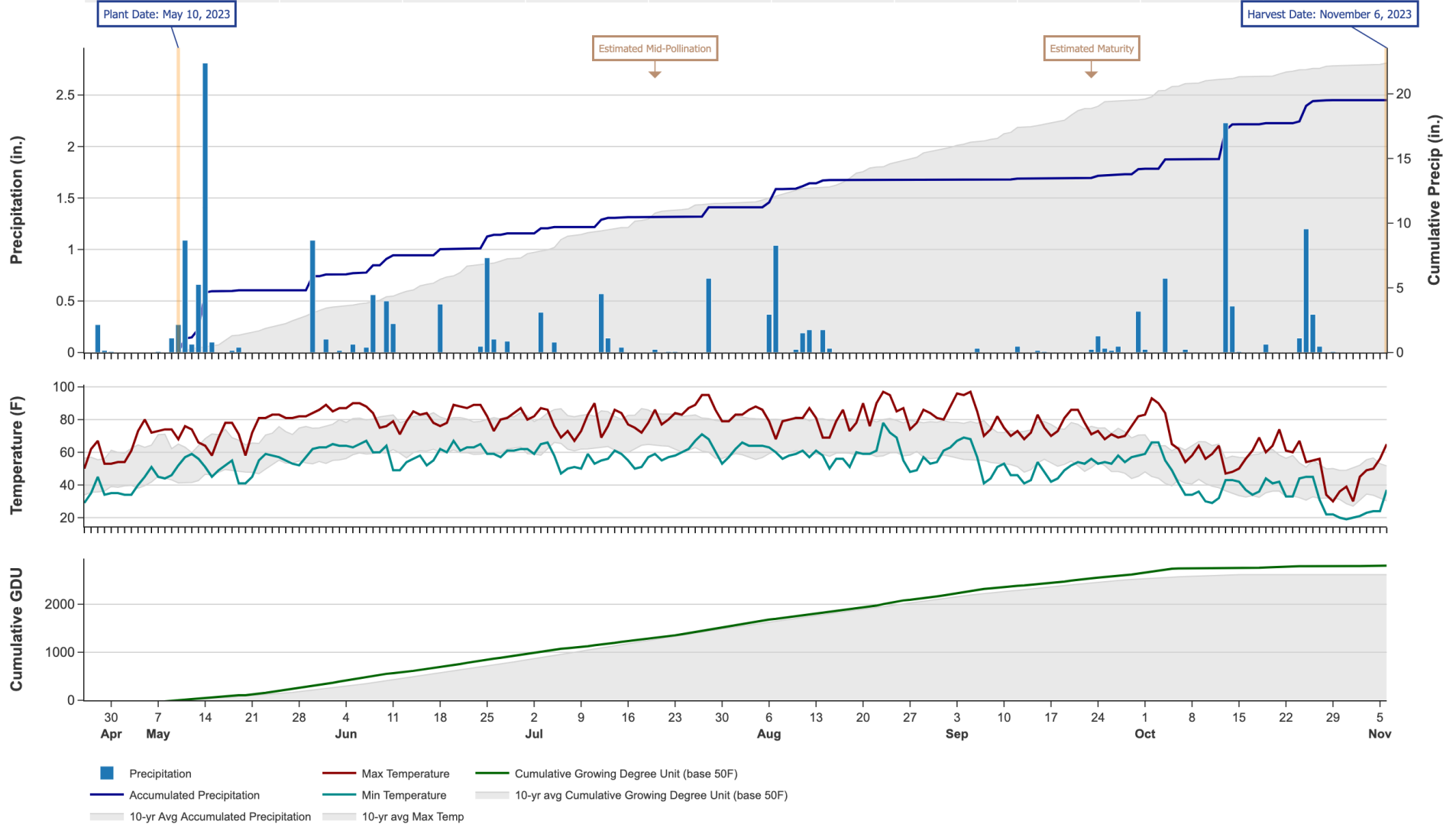
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2023 Corn - Minnesota Southwest [MNSW]

Weather Conditions Summary at LAMBERTON, MN

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.3 0.6 (-0.3)	6.3 4.3 (+2.0)	3.3 4.0 (-0.7)	2.0 4.2 (-2.2)	2.1 4.1 (-2.0)	0.8 3.9 (-3.1)	5.3 2.7 (+2.7)	0.0 0.2 (-0.2)	20.2 24.0 (-3.8)
GDU Avg (Diff)	8 5 (+2)	399 284 (+114)	638 600 (+37)	585 683 (-98)	625 598 (+26)	475 421 (+53)	158 87 (+70)	8 0 (+8)	2896 2681 (+214)



* 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 - Minnesota Southwest [MNSW]

Early-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	5072	CONV	N	102	Vi5
Anderson	528TRE	TRE	Y*	102	AC,P2
Anderson	609R	RR2	N	98	Vi5
Augusta	A2048-AA	AA	N	98	CM,C5
Augusta	A2052-AA	AA	N	102	CM,C5
Augusta	A2150-DV	DV	Y*	100	CM,C2
Augusta	A3052-DV	DV	Y*	102	CM,C2
Dairyland	DS-3881AM	AM	Y	98	Lum
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-4003Q	QR	Y	100	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
DeKalb	DKC101-35RIB GC	VT2P	Y	101	AC,P5V,EDC-EL
DeKalb	DKC47-85RIB GC	VT2P	Y	97	AC,P5V,EDC-EL
DeKalb	DKC51-25RIB CK	VT2P	Y	101	AC,P5V,EDC-EL
DenBesten	DB30-97	CONV	N	97	CM,C2,Vi
DenBesten	DB32-02	CONV	N	102	CM,C2,Vi
DenBesten	DB33-99	CONV	N	99	CM,C2,Vi
DenBesten	DB34-92	CONV	N	92	CM,C2,Vi
Dyna-Gro	D41TC74RIB	TRE	Y*	101	AC,P5V
Enestvedt	E539	CONV	N	102	CM,C2,Vi
Enestvedt	E539DP RIB	VT2P	Y	102	AC250
Enestvedt	E600DP RIB	VT2P	Y	99	AC,P2
Enestvedt	E692 CONV	CONV	N	98	CM,C2,Vi
Enestvedt	E699DP RIB	VT2P	Y	99	AC,P2
Epley	E1014AA	AA	Y	100	Vi5
Gold Country	100-19TRE	TRE	Y	100	AC,P5V
Gold Country	101-51RSP	STXP	Y	101	AC,P5V
Gold Country	98-15RSS	STX	Y	98	AC,P5V
Gold Country	98-64TRE	TRE	Y	98	AC,P5V
Golden Harvest	G01B63-AA	AA	Y	101	CM,C5,Va
Golden Harvest	G97B68-DV	DV	Y	97	AVC,C1,Va
Hefty	H4964	STXP	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hefty	H5062	VT2P	N	100	HC
Hefty	H5254	STX	N	102	HC
Heine	6650	TRE	N	99	Treated
Heine	6840	TRE	Y	98	Treated
Heine	7360	TRE	Y	102	Treated
Heine	7450	VT2P	Y	104	Treated
Heine	7480	VT2PDG	Y	102	Treated
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Integra	4993 TRERIB	TRE	N	99	AC,P5V,SU+Zn

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Integra	CXINT099TRE	TRE	Y	99	AC,P5V,SU+Zn,PT
Jacobsen	JS0223VT2P	VT2P	Y	102	Treated
Jacobsen	JS5206DGV2P	VT2PDG	Y	102	Treated
Jacobsen	JS7107VT2PRO	VT2P	Y	102	Treated
Jacobsen	JS9723TRE	TRE	Y	97	Treated
Legacy	LC494-23	PCE	N	99	CM,C2,Vi,Va
Pioneer	P9955Q GC	QR	Y	99	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V,B300
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK609VT2P	VT2P	Y	101	AC,P5V,B300
Renk	RK628VT2P	VT2P	N	102	AC,P5V,B300
Rob-See-Co	D01-90-VT2P	VT2P	Y	101	CM,C2,Vi,Va
Rob-See-Co	D98-43-TRE	TRE	Y	98	CM,C2,Vi,Va
Rob-See-Co	RC4779-PCE	PCE	N	97	CM,C2,Vi,Va
Rob-See-Co	RC4937-SSP	STXP	Y	99	P5V
Rob-See-Co	RC5062-AA	AA	Y	100	CM,C2,Vi,Va
Titan Pro	11-98 2P	VT2P	Y	98	AC,P2
Titan Pro	26-01	CONV	N	101	CM,C2,Vi,Va
Titan Pro	28-96 PCE	PCE	N	96	CM,C2,Vi,Va
Titan Pro	30-00 SS	STX	Y	100	AC,P5V
Titan Pro	37-97 DV	DV	Y	97	CM,C2,Vi,Va
Viking Blue River	44-98	CONV	N	98	CM,C2,Sb
Viking Blue River	45-97	CONV	N	97	CM,C2,Sb
Viking Blue River	46-02	CONV	N	102	CM,C2,Sb
Wyffels	W1826	VT2P	N	97	AC,P5
Wyffels	W1988	STX	N	98	AC,P5
Wyffels	W1996RIB	VT2P	Y*	98	CM,C2,Vi,Va
Wyffels	W2595	TRE	N	101	AC,P5
Wyffels	W2629	STXP	N	101	AC,P5

* 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 - Minnesota Southwest [MNSW]

Full-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	472SRC	STX	Y*	106	AC,P5
Augusta	A1457-D	D	Y	107	CM,C2
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A1956-PWE	PCE	N	106	AC,P5V
Augusta	A2856-AA	AA	Y	106	CM,C2
Blue River	49M23	CONV	U	103	Treated
Dairyland	DS-4365AM	AM	Y	103	Lum, L1
Dairyland	DS-4567Q	QR	Y	105	Lum, L1
Dairyland	DS-4686AM	AM	Y	106	Lum, L1
DeKalb	DKC51-25RIB CK	VT2P	Y	101	AC,P5V,EDC-EL
DeKalb	DKC56-65RIB GC	STX	Y	106	AC,P5V,EDC-EL
DenBesten	DB32-07	CONV	N	107	CM,C2,Vi
DenBesten	DB33-05	CONV	N	105	CM,C2,Vi
DenBesten	DB34-06	CONV	N	106	CM,C2,Vi
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Dyna-Gro	D45SP33RIB	STXP	Y	105	AC,P5V
Enestvedt	E541	CONV	N	106	CM,C2,Vi
Enestvedt	E598	CONV	N	107	CM,C2,Vi
Gold Country	103-55R2P	VT2P	Y	103	AC,P5V
Gold Country	103-76RSS	STX	Y	103	AC,P5V
Gold Country	104-75RSP	STXP	Y	104	AC,P5V
Gold Country	105-51R2P	VT2P	Y	105	AC,P5V
Gold Country	107-83R2P	VT2P	Y	107	AC,P5V
Hefty	H5373	VT2PDG	Y	103	HC
Hefty	H5432	VT2P	N	104	HC
Hefty	H5442	VT2P	N	104	HC
Hefty	H5655	TRE	N	106	HC
Hefty	H5674	STXP	Y	106	HC
Heine	7410	PCE	Y	104	Treated
Heine	7510	TRE	Y	105	Treated
Heine	7640PWE	PCE	Y	106	Treated
Heine	7650VT2PRO	VT2P	N	106	Treated
Heine	795	VT2P	Y	107	Treated
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,SU+Zn
Integra	5704 SSSPRO	STXP	Y	107	AC,P5V
Jacobsen	JS0513TRE	TRE	Y	107	Treated
Jacobsen	JS7420VT2PRO	VT2P	Y	107	Treated
Legacy	LC554-23	STX	N	105	AC,P5V
Pioneer	P0404Q GC	QR	Y*	104	Lum, L1
Pioneer	P05737AM GC	AM	Y	105	Lum, L1
Pioneer	P0622Q GC	QR	Y	106	Lum, L1
Renk	RK625DGV2P	VT2PDG	N	104	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK720TRE	TRE	N	106	AC,P2
Rob-See-Co	D03-07-VT2P	VT2P	Y	103	AC,P2
Rob-See-Co	RC5422-PCE	PCE	N	104	CM,C2,Vi,Va
Rob-See-Co	RC5694-VT2P	VT2P	Y	106	AC,P2
Titan Pro	24-04	CONV	N	104	CM,C2,Vi,Va
Titan Pro	24-05 PCE	PCE	N	105	CM,C2,Vi,Va
Titan Pro	32-06 SSP	STXP	Y	106	AC,P5V
Titan Pro	34-04 DG2P	VT2PDG	Y	104	AC,P2
Titan Pro	36-06	CONV	N	106	CM,C2,Vi,Va
Viking Blue River	72-06	CONV	N	106	CM,C2,Sb
Viking Blue River	84-05	CONV	N	105	CM,C2,Sb
Wyffels	W3309	STXP	N	103	AC,P5
Wyffels	W3576RIB	VT2P	Y*	103	CM,C2,Vi,Va
Wyffels	W4025RIB	TRE	Y*	105	CM,C2,Vi,Va
Wyffels	W5019	STXP	N	107	AC,P5
Wyffels	W5086RIB	VT2P	Y	107	CM,C2,Vi,Va

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2023 Corn - Minnesota Southwest [MNSW]

Ultra Late-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Brevant	B09Z08AM GC	AM	Y	109	Lum
Channel	208-38VT2PRIB GC	VT2P	Y	108	AC,P5V,EDC-B
Channel	209-53STXRIB GC	STX	Y	109	AC,P5V,EDC-B
Dairyland	DS-4833AM	AM	Y	108	Lum, L1
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
Dairyland	DS-4917AM	AM	Y	109	Lum, L1
DeKalb	DKC108-64RIB GC	STXP	Y	108	AC,P5V,EDC-EL
DeKalb	DKC110-10RIB GC	STX	Y	110	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5V,EDC-EL
DenBesten	DB32-13	CONV	N	112	CM,C2,Vi
DenBesten	DB33-08	CONV	N	108	CM,C2,Vi
DenBesten	DB34-12	CONV	N	112	CM,C2,Vi
Dyna-Gro	D49VC53RIB	VT2P	Y*	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
Gold Country	109-57RSP	STXP	Y	109	AC,P5V
Gold Country	111-39RSS	STX	Y	111	AC,P5V
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-D	D	Y	111	AVC,C1,Va
Hefty	H5862	VT2P	N	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hefty	H6064	STX	N	110	HC
Hefty	H6252	VT2P	N	112	HC
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	CXINT108VT	VT2P	Y	108	AC,P5V,SU+Zn,PT
Pioneer	P0953AM GC	AM	Y	109	Lum, L1
Pioneer	P1185AM GC	AM	Y	111	Lum
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Viking Blue River	85-09	CONV	N	109	CM,C2,Sb
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5

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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®
CONV	Conventional
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®
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
AC250	Acceleron® 250
AC,P2	Acceleron® 250
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
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5	Cruisermaxx® 500
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
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
Vi5	Vibrance® Cinco

* Seed treatments may include unspecified plant health promoting components.