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

2022 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] BERESFORD, SD

Jason Frick, Lincoln County, SD 57004

Early-Season Test	**98** - **102** Day CRM B2022SDSE08a
Top 30 of 60	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Soybeans / NA
SOIL DESCRIPTION:	Egan-Chancellor-Davison Complex silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, low K, 7.2 pH, 3.1% OM, 28.7 CEC
PEST MANAGEMENT:	
FERTILITY - Applied N:	
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 14 32.5 /A 30" spacing
HARVESTED - STAND:	

TEST COMMENTS:

This site was abandoned due to severe drought damage. The surrounding field was combining at 30 bu/acre. There was a lot of ear lodging and the biggest ears were fist size.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income $/Acre	Gross Income Rank

Abandoned due to drought

Averages =				
LSD (0.10) =	ns	ns	ns	
LSD (0.25) =	ns	ns	ns	
C.V. =				Historic yield: 166.45 bu/a, 17 yr(s)

Yield & Income Factors: Base Moisture = 15% Shrink = 1.2 Drying = $0.00 Prices: GMO = $3.75

Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Report Date: 10/28/2022

† 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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2022 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] BERESFORD, SD

Jason Frick, Lincoln County, SD 57004

Full-Season Test	**103** - **108** Day CRM B2022SDSE08b
Top 30 of 59	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Soybeans / NA
SOIL DESCRIPTION:	Egan-Chancellor-Davison Complex silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, low K, 7.2 pH, 3.1% OM, 28.7 CEC
PEST MANAGEMENT:	
FERTILITY - Applied N:	
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 14 32.5 /A 30" spacing
HARVESTED - STAND:	

TEST COMMENTS:

This site was abandoned due to severe drought damage. The surrounding field was combining at 30 bu/acre. There was a lot of ear lodging and the biggest ears were fist size.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income $/Acre	Gross Income Rank

Abandoned due to drought

Averages =				
LSD (0.10) =	ns	ns	ns	
LSD (0.25) =	ns	ns	ns	
C.V. =				Historic yield: 166.45 bu/a, 17 yr(s)

Yield & Income Factors: Base Moisture = 15% Shrink = 1.2 Drying = $0.00 Prices: GMO = $3.75

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Report Date: 10/28/2022

† 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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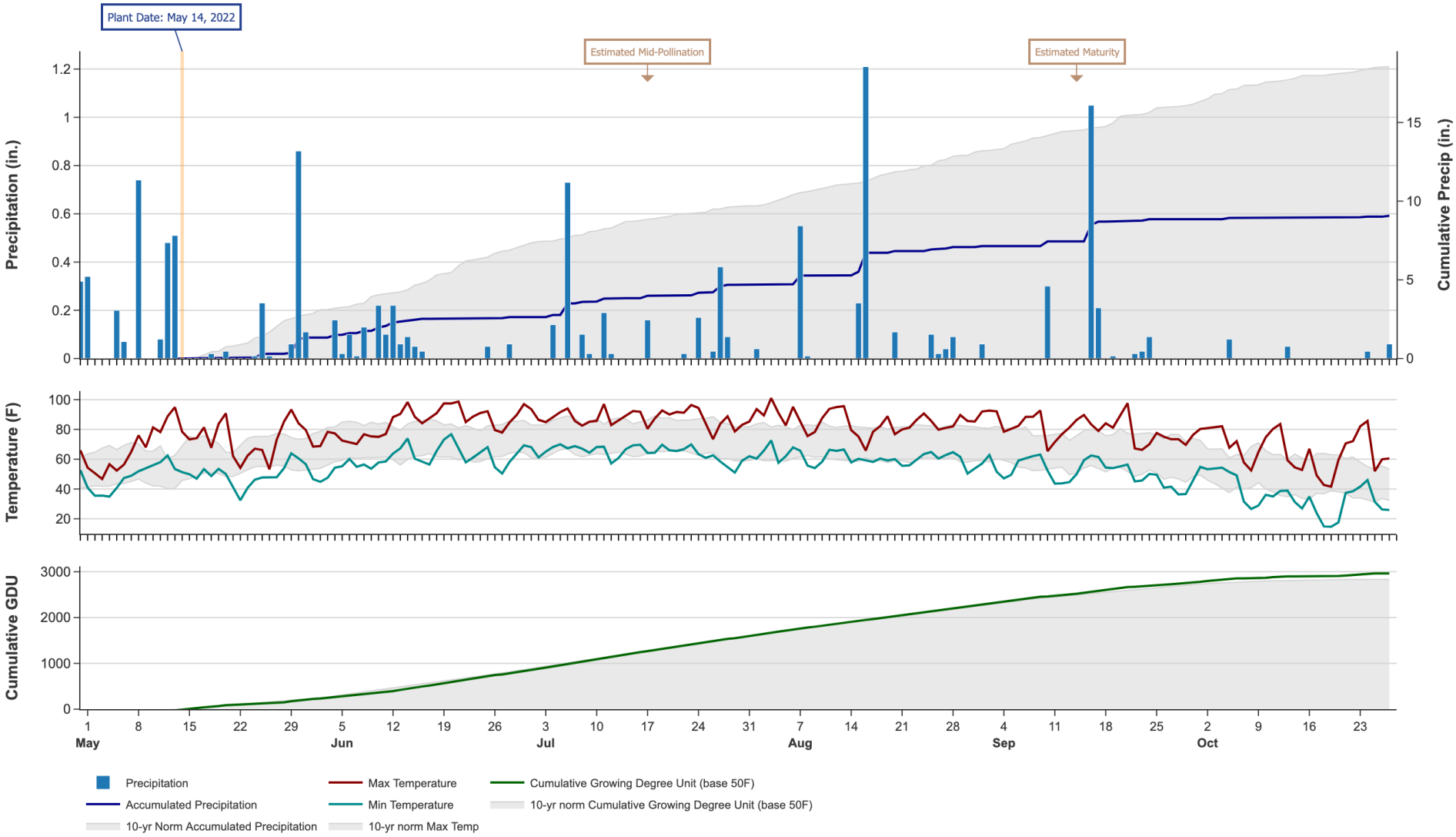
2022 Corn - South Dakota Southeast [SDSE]

Weather Conditions Summary at BERESFORD, SD

Weather Data Retrieved: 10/28/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) | Normal (Diff)	0.3 | 0.1 (+0.3)	3.8 | 4.5 (-0.8)	1.3 | 4.4 (-3.1)	2.0 | 2.5 (-0.5)	2.4 | 3.4 (-1.0)	1.8 | 3.0 (-1.3)	0.2 | 2.4 (-2.2)	11.8 | 20.3 (-8.5)
GDU | Normal (Diff)	9 | 5 (+3)	345 | 333 (+11)	619 | 650 (-31)	761 | 742 (+19)	673 | 649 (+23)	498 | 463 (+34)	199 | 110 (+88)	3104 | 2955 (+148)



* 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.

2022 Corn - South Dakota Southeast [SDSE]

Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2150-5222-EZ	DV	Y	100	CM,C2,Vi
Augusta	A22-250	AA	Y	100	AC,P5
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-3959Q	QR	Y	99	Lum, L1
Dairyland	DS-4014Q	QR	Y	100	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
DeKalb	DKC52-99RIB GC	TRE	Y	102	AC,P5V,EDC-EL
Dyna-Gro	D40VC41RIB	VT2P	N	100	AC,P5V
Enestvedt	E539DP RIB	VT2P	Y	102	AC,P2
Epley	E9910	CONV	N	99	Vi5
Golden Harvest	G00A97-AA	AA	Y	100	AVC,C2,Vi,Va
Golden Harvest	G02K39-AA	AA	Y	102	AVC,C2,Vi,Va
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hefty	H5062	VT2P	N	100	HC
Hefty	H5132	VT2P	N	101	HC
Hefty	H5254	STX	N	102	HC
Heine	6650TRE	TRE	N	99	AC,P5V,EDC-EL
Heine	7010VT2PRIB	VT2P	Y	100	AC,P2
Heine	7175	VT2P	N	101	AC,P5
Heine	7275TRE	TRE	N	102	AC,P5V,EDC-EL
Heine	7280	VT2P	N	102	AC,P5V,EDC-EL
Innotech	IC5267-3120-EZ	AA	Y	102	AVC,C2,Vi
Integra	4993 TRERIB	TRE	N	99	AC,P5V
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,SU+Zn
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P5V,SU+Zn
Latham	LH 5047 VT2P RIB	VT2P	Y	100	AC,P2
Latham	LH 5159 SS RIB	STX	Y	101	AC,P5V,Va
Latham	LH 5209 DV	DV	Y	102	AVC,C2,Vi,Va
Latham	LH 5245 VT2P RIB	VT2P	Y	102	AC,P2
Miller Hybrids	M00-75BGH EZ	AA	Y	100	MSC
NK Brand	NK0007-AA	AA	Y	100	AVC,C2,Vi,Va
NK Brand	NK9874-V	V	Y	98	AVC,C2,Vi,Va
NK Brand	NK9922-DV	DV	Y	99	AVC,C2,Vi,Va
Pioneer	P0421AM CK	AM	Y	104	Lum
REA	100T19	TRE	Y	100	AC,P5V,EDC-B
REA	101B51	VT2P	Y	101	AC,P5V,EDC-B
REA	5B994	VT2P	Y	99	AC,P5V,EDC-B
REA	98A15	STX	Y	98	AC,P5V,EDC-B
Renk	RK579DGVT2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK615SSTX	STX	Y	102	AC,P5V
Rob-See-Co	RC4817-CONV	CONV	N	98	CM,C2,Vi
Rob-See-Co	RC4838-3010	3010	N	98	AC,P2
Rob-See-Co	RC4881-5122	D	Y	98	AVC,C2,Vi
Rob-See-Co	RC4983-5222	DV	Y	99	AVC,C2,Vi,Va
Thunder	T6298 VT2P	VT2P	Y	98	AC,P2
Thunder	T6300 VT2P	VT2P	Y	100	AC,P5V,EDC-B
Thunder	T6398 TRE	TRE	Y	98	AC,P2
Thunder	T6902 VT2P	VT2P	Y	102	AVC,C2,Vi
Thunder	T6999 VT2P	VT2P	Y	99	AC,P2
Viking	46-02	CONV	N	102	CM,C2,Sb
Viking	52-00	CONV	N	100	CM,C2,Sb
Wyffels	W1758	STX	N	97	Treated
Wyffels	W1996	VT2P	N	98	Treated
Wyffels	W2236RIB	VT2P	Y	99	AC,P2
Wyffels	W2506RIB	VT2P	Y	101	AC,P2
Wyffels	W2656	VT2P	N	101	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.

2022 Corn - South Dakota Southeast [SDSE]

Full-Season Test Products (59 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dairyland	DS-4567Q	QR	Y	105	Lum, L1
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
DeKalb	DKC50-87RIB GC	STX	Y	100	AC,P5V,EDC-EL
DeKalb	DKC55-53RIB GC	STX	Y	105	AC,P5V,EDC-EL
DeKalb	DKC57-71RIB GC	STX	Y	107	AC,P5V,EDC-EL
DeKalb	DKC58-64RIB GC	STX	Y	108	AC,P5V,EDC-EL
Dyna-Gro	D43VC81RIB	VT2P	N	103	AC,P5V
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Golden Harvest	G05K08-D	D	Y	105	AVC,C2,Vi,Va
Golden Harvest	G08D29-AA	AA	Y	108	AVC,C2,CM,C5,Vi,Va
Hefty	H5442	VT2P	N	104	HC
Hefty	H5655	TRE	N	106	HC
Hefty	H5666	PC,E	N	106	HC
Hefty	H5832	VT2P	N	108	HC
Hefty	H5862	VT2P	N	108	HC
Heine	7520STX	STX	N	105	AC,P5V,EDC-EL
Heine	7560	STX	N	105	AC,P5V,EDC-EL
Heine	7570STXRIB	STX	Y*	105	P5V
Heine	7580	TRE	N	105	AC,P5V,EDC-EL
Heine	7660	STX	N	106	AC,P5
Innotech	IC5723-5122	D	Y	107	AVC,C2,Vi,Va
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P5V,SU+Zn
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Latham	LH 5377 VT2P RIB	VT2P	Y	103	AC,P2
Latham	LH 5487 VT2P RIB	VT2P	Y*	104	AC,P2
Latham	LH 5646 PCE	PC,E	N	106	AVC,C2,Vi,Va
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
Miller Hybrids	M03-47	CONV	N	103	MSC
Miller Hybrids	M05-72	CONV	N	105	MSC
Miller Hybrids	M09-51PB	CONV	N	108	MSC
NK Brand	NK0877-V	V	Y	108	AVC,C2,CM,C5,Vi,Va
Pioneer	P0421AM CK	AM	Y	104	Lum
REA	103B55	VT2P	Y	103	AC,P5V,EDC-B
REA	104P75	STXP	Y	104	AC,P5V,EDC-B
REA	106P79	STXP	Y	106	AC,P5V,EDC-B
REA	107B83	VT2P	Y	107	AC,P5V,EDC-B
REA	6D054	VT2PDG	Y	105	AC,P5V,EDC-B
Renk	RK625DGVT2P	VT2PDG	N	104	AC,P2
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK710DGVT2P	VT2PDG	Y	107	AC,P2
Renk	RK715SSTX	STX	Y	105	AC,P5V
Renk	RK774VT2P	VT2P	N	108	AC,P2
Rob-See-Co	RC5323-3110	3110	N	103	CM,C2,Vi
Rob-See-Co	RC5465-GT	GT	N	104	CM,C2,Vi
Rob-See-Co	RC5510-3220	V	Y	105	AVC,C2,Vi
Thunder	T6204 VT2P	VT2P	Y	104	AC,P2
Thunder	T6306 PC	PC	Y	106	AC,P2
Thunder	THX22-08	VT2P	Y	108	AC,P2
Viking	48-08	CONV	N	108	CM,C2,Sb
Viking	72-06	CONV	N	106	CM,C2,Sb
Viking	84-05	CONV	N	105	CM,C2,Sb
Wyffels	W3576	VT2P	N	103	AC,P2
Wyffels	W4025	TRE	N	105	AC,P2
Wyffels	W4246RIB	VT2P	Y	105	AC,P2
Wyffels	W5086RIB	VT2P	Y	107	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.

* 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

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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

3010	Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
GT	Agrisure® GT
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
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,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
MSC	Miller Hybrids ShieldCoat™ with Vertex
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified
Vi5	Vibrance® Cinco

* Seed treatments may include unspecified plant health promoting components.