

2018 Soybean Top 30 Performance Summary for South Dakota Southeast [SDSE]



All-Season Test

Maturity Group 2.1 - 2.8

Top 30 of 54

S2018SDSE

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Beresford		Dell Rapids	
										\$/Acre	Rank	Colton	Salem		
Dyna-Gro	S25XT99	RRX	2.5	R	73.5	34.4	18.0	10.6	1	\$588	1	74.1	66.4	82.4	71.2
LG Seeds	LGS2444RX	RRX	2.4	R	73.0	34.8	17.9	10.4	2	\$584	2	72.2	63.4	80.2	76.3
Latham	L2549R2X	RRX	2.5	R	71.3	34.6	18.0	10.4	1	\$570	3	69.6	65.2	75.9	74.3
Latham	L2464R2X	RRX	2.4	R	69.9	34.0	19.2	10.5	2	\$559	4	64.0	69.5	74.1	71.8
NK Brand	S21-W8X §	RRX	2.1	R	69.4	34.7	18.6	10.4	2	\$555	5	64.1	65.6	77.8	70.0
Hefty	H23X9	RRX	2.3	MR	69.3	33.8	19.3	10.7	1	\$554	6	68.4	64.9	75.5	68.4
Golden Harvest	GH2230X	RRX	2.2	R	69.0	34.6	19.0	10.3	1	\$552	7	66.1	66.1	73.9	69.8
Golden Harvest	GH2788X	RRX	2.7	R	69.0	34.6	18.5	10.6	2	\$552	8	64.4	63.0	78.1	70.6
Hefty	H22X8	RRX	2.2	MR	68.9	34.4	19.1	10.6	2	\$551	9	66.3	59.9	79.4	70.0
LG Seeds	LGS2417RX	RRX	2.4	R	68.5	35.2	18.5	11.2	2	\$548	10	67.5	62.1	74.4	70.1
Mustang	22X228 §	RRX	2.2	R	68.5	34.4	19.1	10.5	3	\$548	11	67.3	64.8	74.1	67.6
Renk	RS207NX	RRX	2.0	R	68.4	35.1	18.5	10.5	2	\$547	12	69.5	60.0	75.1	68.8
Prairie Brand	PB-2600R2	RR2Y	2.6	S	68.3	34.8	18.0	10.8	1	\$546	13	70.5	62.3	75.1	65.4
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	68.3	34.9	17.8	10.9	2	\$546	14	65.7	62.5	75.7	69.3
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	68.2	34.3	18.7	10.8	2	\$546	15	68.7	65.1	71.5	67.6
Stine	27RI02 GC	RR2Y	2.7	R	68.2	34.3	18.2	11.3	3	\$546	16	66.0	59.8	76.4	70.5
Mustang	24X728 GC	RRX	2.4	R	67.9	34.9	18.6	11.2	2	\$543	17	68.2	59.0	77.5	67.0
Stine	21RI32 §	RR2Y	2.1	R	67.4	34.2	18.7	10.4	1	\$539	18	64.8	62.8	71.9	70.0
Latham	L2638GT27	G27	2.6	R	67.4	34.4	19.3	10.8	1	\$539	19	68.0	62.8	71.0	67.7
Asgrow	AG24X7 §	RRX	2.4	R	67.4	34.6	18.6	10.7	2	\$539	20	65.2	64.6	71.0	68.9
Latham	L2295R2X	RRX	2.2	R	67.3	35.5	18.3	10.5	2	\$538	21	65.4	62.3	75.3	66.3
Hefty	H24X8	RRX	2.4	MR	67.2	34.8	18.7	11.1	1	\$538	22	67.4	56.7	77.2	67.4
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	67.1	34.5	19.1	10.6	2	\$537	23	66.5	63.7	74.9	63.2
Renk	RS248NX	RRX	2.4	R	67.0	34.8	18.4	11.2	2	\$536	24	65.5	58.5	80.2	63.8
Asgrow	AG26X8 §	RRX	2.6	R	66.9	34.6	18.5	10.8	2	\$535	25	67.5	60.2	74.4	65.5
NK Brand	S27-M8X §	RRX	2.7	R	66.7	34.5	18.3	10.6	1	\$534	26	64.7	61.6	74.0	66.3
Latham	L2482R2	RR2Y	2.4	R	66.5	34.5	19.0	10.6	2	\$532	27	61.8	61.6	72.0	70.7
Dairyland	DSR-2197/R2Y	RR2Y	2.1	R	66.2	33.9	18.8	10.4	2	\$530	28	64.4	60.5	79.7	60.0
Stine	24RH62 §	RR2Y	2.4	R	65.9	34.7	18.9	10.5	1	\$527	29	66.7	59.0	74.4	63.3
Pioneer	P22T73R §	RR	2.2	R	65.7	34.5	18.9	10.5	2	\$526	30	63.5	56.8	76.2	66.3

Mark Tollefson

Averages =	66.0	34.5	18.6	10.7	2	\$528	65.5	60.4	73.1	65.2
LSD (0.10) =	2.8	0.3	0.2	0.3	1		3.6	4.9	4.8	5.1
LSD (0.25) =	1.5	0.2	0.1	0.2	1		1.9	2.6	2.5	2.7

mark.tollefson@firstseedtests.com, (507) 456-2357 Previous years average yield for region, 49.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/25/2018 Revised: 11/20/2018 Protein and oil results added

2018 Soybean - South Dakota Southeast [SDSE]



All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG24X7 §	RRX	2.4	R	AC,PV
Asgrow	AG26X8 §	RRX	2.6	R	AC,PV
Asgrow	AG27X8 §	RRX	2.7	S	AC,PV
Dairyland	DSR-2062/R2Y GC	RR	2.2	R	None
Dairyland	DSR-2073/R2Y GC	RR	1.9	R	None
Dairyland	DSR-2197/R2Y	RR2Y	2.1	R	CMB
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB
Dyna-Gro	S24XT08	RRX	2.4	R	EQV,Ci
Dyna-Gro	S25XT99	RRX	2.5	R	EQV,Ci
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	EQV,Ci
Golden Harvest	GH2230X	RRX	2.2	R	None
Golden Harvest	GH2499X	RRX	2.4	R	CCB,Me
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me
Hefty	H21X9	RRX	2.1	MR	DST
Hefty	H22X8	RRX	2.2	MR	DST
Hefty	H23X9	RRX	2.3	MR	DST
Hefty	H24X8	RRX	2.4	MR	DST
Hefty	H25X8	RRX	2.5	MR	DST
Hefty	H25X9	RRX	2.5	MR	DST
Hefty	H28X8	RRX	2.8	MR	DST
Latham	E2584R2X	RRX	2.5	R	SS+
Latham	E2647R2X	RRX	2.6	S	SS+
Latham	L2295R2X	RRX	2.2	R	SS+
Latham	L2464R2X	RRX	2.4	R	SS+
Latham	L2482R2	RR2Y	2.4	R	SS+
Latham	L2549R2X	RRX	2.5	R	SS+
Latham	L2638GT27	G27	2.6	R	SS+
Latham	L2887R2X	RRX	2.8	R	SS+
LG Seeds	LGS2417RX	RRX	2.4	R	ASfi,IL
LG Seeds	LGS2444RX	RRX	2.4	R	ASfi,IL
Mustang	22X228 §	RRX	2.2	R	F,I
Mustang	24X728 GC	RRX	2.4	R	F,I
Mustang	27X827 GC	RRX	2.7	R	F,I
NK Brand	S21-W8X §	RRX	2.1	R	CCB,Me
NK Brand	S25-B6X §	RRX	2.5	R	CCB,Me
NK Brand	S27-M8X §	RRX	2.7	R	CCB,Me
Pfister	20R23	RR2Y	2.0	R	CCB
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P19A14X §	RRX	1.9	R	None
Pioneer	P22T73R §	RR	2.2	R	None
Prairie Brand	PB-2600R2	RR2Y	2.6	S	CMB

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Renk	RS207NX	RRX	2.0	R	EcTC
Renk	RS219NX	RRX	2.1	R	EcTC
Renk	RS239NX	RRX	2.3	R	None
Renk	RS248NX	RRX	2.4	R	EcTC
Renk	RS269X	RRX	2.6	S	EcTC
Renk	RS288NX	RRX	2.8	R	EcTC
Stine	19BA23 GC	G27	2.0	R	None
Stine	21RI32 §	RR2Y	2.1	R	SF
Stine	24RH62 §	RR2Y	2.4	R	SF
Stine	27RI02 GC	RR2Y	2.7	R	None
Stine	28BA02 §	G27	2.8	R	None
Titan Pro	TP 26X37	RRX	2.6	MR	None

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

* Seed treatments may include unspecified plant health promoting components.