

2019 Soybeans Top 30 Performance Summary for South Dakota East Central [SDEC]

All-Season Test

1.6 - 2.3 Day CRM

S2019SDEC

Top 30 of 54

For Gross Income (Sorted by Yield), (8) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington REJECTED	Colton	Salem *	Watertown
DYNA-GRO	S19RY65	RR2Y	1.9	R	53.9	14.1	1	457	1	26.6	62.4	47.8	51.6
PIONEER	P21A28X §	RRX	2.1	R	52.6	14.8	1	445	2	31.9	59.5	49.4	48.8
GOLDEN HARVEST	GH1915X	RRX	1.9	R	52.2	14.2	1	442	3	23.9	59.5	47.8	49.3
NK BRAND	S20-J5X §	RRX	2.0	R	52.1	14.3	2	441	5		59.2	50.1	47.1
GOLDEN HARVEST	GH2230X	RRX	2.2	R	52.1	14.3	2	442	4		60.9	48.9	46.6
STINE	19GA02 §	LG27	1.9	R	50.9	14.0	2	432	6		59.0	48.7	45.1
NK BRAND	S18-H3X §	RRX	1.8	R	50.5	14.4	3	428	7		57.7	43.9	50.1
ASGROW	AG20X9 §	RRX	2.0	R	50.2	14.5	3	425	8		54.6	47.5	48.5
THUNDER	TE7017N	E3	1.7	R	50.1	14.9	2	424	9		53.9	50.8	45.7
ASGROW	AG22X0 §	RRX	2.2	R	50.0	15.2	6	422	11		61.2	46.6	42.2
HEFTY	H20X7	RRX	2.0	MR	49.9	14.2	2	423	10		58.3	43.1	48.2
ASGROW	AG19X0 §	RRX	1.9	R	49.6	14.7	2	420	12		55.4	44.8	48.8
REA	RX1739	RRX	1.7	R	49.6	14.3	2	420	13		53.5	42.9	52.3
CREDENZ	CZ 1850GTLL	LG27	1.8	MR	49.4	14.4	2	418	14		59.6	43.2	45.4
THUNDER	TG6013N	E3	1.3	R	49.1	15.1	5	415	15		57.9	37.7	51.8
HEFTY	Z1900E	E3	1.9	R	48.9	14.5	1	413	16	20.8	53.0	46.7	47.0
PIONEER	P19A14X §	RRX	1.9	R	48.6	14.6	3	411	17		58.4	39.2	48.3
GOLDEN HARVEST	GH2041X	RRX	2.0	R	48.3	14.2	2	410	18		52.1	48.6	44.3
REA	RX1930	RRX	1.9		48.1	14.7	2	407	19		48.7	44.0	51.7
LATHAM	L 1829 E3	E3	1.8	R	47.9	15.1	2	405	20		52.8	48.0	43.0
GENESIS	G2181GL	LG27	2.2	R	47.8	15.1	1	404	21		54.6	47.3	41.7
LATHAM	L 2084R2	RR2Y	2.0	R	47.8	15.0	2	404	23		58.1	45.2	40.0
REA	RX2039 GC	RRX	2.0	R	47.8	14.3	1	404	22		55.8	42.0	45.5
LATHAM	L 2178 LLGT27	LG27	2.1	R	47.6	14.4	2	403	24		55.9	38.9	48.1
REA	RX1610	RRX	1.6	R	47.3	15.3	1	400	25		57.4	43.5	41.0
CREDENZ	CZ 2040GTLL	LG27	2.0	R	47.1	14.4	1	399	26		54.7	43.9	42.7
GENESIS	G2140E	E3	2.1	R	47.0	15.6	2	397	28		49.5	47.7	44.0
PIONEER	P18A98X §	RRX	1.8	R	47.0	14.3	3	398	27	25.6	52.9	45.8	42.2
HEFTY	H23X0	RRX	2.3	R	46.8	15.3	1	395	30	26.2	52.0	45.5	42.9
NK BRAND	S18-G4X §	RRX	1.8	R	46.8	14.8	3	396	29	23.6	50.5	47.4	42.5

Data Rejected - Not in Summary



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Averages =	47.3	15.0	2	397	27.4	54.6	44.5	41.8
LSD (0.10) =	4.0	0.6	1		8.4	4.3	5.5	7.6
LSD (0.25) =	2.1	0.3	1		4.4	2.2	2.9	4.0

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.50

† 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 value not significantly different. *There were 2 reps for the site.

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2019 Soybeans - South Dakota East Central [SDEC]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG19X0 §	RRX	R	1.9
ASGROW	AG20X9 §	RRX	R	2.0
ASGROW	AG22X0 §	RRX	R	2.2
CREDENZ	CZ 1850GTLL	LG27	MR	1.8
CREDENZ	CZ 2040GTLL	LG27	R	2.0
CREDENZ	CZ 2230GTLL	LG27	MR	2.2
DYNA-GRO	S19RY65	RR2Y	R	1.9
DYNA-GRO	S21EN70	E3	R	2.1
DYNA-GRO	S23XT90	RRX	R	2.3
GENESIS	G1840E	E3	R	1.8
GENESIS	G2140E	E3	R	2.1
GENESIS	G2181GL	LG27	R	2.2
GENESIS	G2340E	E3	R	2.3
GOLDEN HARVEST	GH1915X	RRX	R	1.9
GOLDEN HARVEST	GH2041X	RRX	R	2.0
GOLDEN HARVEST	GH2230X	RRX	R	2.2
HEFTY	H20X0	RRX	R	2.0
HEFTY	H20X7	RRX	MR	2.0
HEFTY	H23X0	RRX	R	2.3
HEFTY	H23X9	RRX	MR	2.3
HEFTY	Z1800E	E3	R	1.8
HEFTY	Z1900E	E3	R	1.9
HEFTY	Z2000E	E3	R	2.0
HEFTY	Z2300E	E3	R	2.3
HEFTY	Z2301E	E3	R	2.3
LATHAM	L 1769R2X	RRX	R	1.7
LATHAM	L 1829 E3	E3	R	1.8
LATHAM	L 2084R2	RR2Y	R	2.0
LATHAM	L 2159 R2X	RRX	R	2.1
LATHAM	L 2178 LLGT27	LG27	R	2.1
LATHAM	L 2193 E3	E3	R	2.1
LATHAM	L2295R2X	RRX	R	2.2
LATHAM	L2368R2X	RRX	R	2.3
NK BRAND	S18-G4X §	RRX	R	1.8
NK BRAND	S18-H3X §	RRX	R	1.8
NK BRAND	S20-J5X §	RRX	R	2.0

Company/Brand	Brand/Product	Technology	RM	SCN
PIONEER	P18A98X §	RRX	R	1.8
PIONEER	P19A14X §	RRX	R	1.9
PIONEER	P21A28X §	RRX	R	2.1
REA	RX1610	RRX	R	1.6
REA	RX1739	RRX	R	1.7
REA	RX1930	RRX	NA	1.9
REA	RX2039 GC	RRX	R	2.0
REA	RX2240	RRX	NA	2.2
RENK	RS200NX	RRX	R	2.1
STINE	19EA33 §	E3	R	1.9
STINE	19GA02 §	LG27	R	1.9
THUNDER	SB8021N	RRX	R	2.1
THUNDER	SB8818N	RRX	R	1.8
THUNDER	TE7017N	E3	R	1.7
THUNDER	TG6013N	E3	R	1.3
TITAN PRO	20E9	E3	R	2.0
TITAN PRO	22E8	E3	R	2.2
TITAN PRO	23E9	E3	R	2.3

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.
§	United Soybean Board sponsored entry

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybeans Technologies*

E3	Enlist E3™
LG27 or G27	LibertyLink® 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