

2016 Soybean Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM

Kurt Stiefvater, McCook County, SD 57058



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

PREV. CROP/HERB: Corn
 SOIL DESCRIPTION: Crossplain-Clarno clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 7.5 pH, 4.2 % OM, no SCN
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Authority, FirstRate, Flexstar GT
 SEEDING - RATE - ROW: May 19 150,000 /A 30" Spacing
 HARVESTED - STAND: Oct 21 117,100 /A

All-Season Test
Maturity Group 2.1 - 2.8
 S2016SDSE09

Top 30 of 63
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Asgrow	AG2431 §	RR2Y	2.4	S	ACi	65.9	14.6	1	120.0	\$591
Latham	L2454R2X	RRX	2.4	S	CCB,Me	65.1	14.6	1	120.0	\$584
Pioneer	P28T08R §	RR	2.8	R	None	64.9	14.6	1	117.1	\$582
Titan Pro	TP-21X46	RRX	2.1	R	None	64.2	14.6	1	114.7	\$576
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	63.8	14.6	1	115.2	\$572
Titan Pro	TP-28X45	RRX	2.8	R	IS	63.4	14.9	1	115.2	\$568
LG Seeds	C2605R2	RR2Y	2.6	S	CCB	63.2	15.0	1	120.0	\$566
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	63.1	15.3	3	120.0	\$565
Channel	2108R2	RR2Y	2.1	R	None	63.0	14.8	2	116.6	\$565
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CCB,In	62.9	14.6	1	113.3	\$564
Renk	RS237X	RRX	2.3	S	CMB	62.7	14.8	1	116.2	\$562
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	61.9	15.0	1	116.6	\$555
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	61.8	15.6	1	112.3	\$553
Pioneer	P20T79R2 §	RR2Y	2.0	R	None	61.6	15.0	1	119.1	\$552
Latham	E2414R2	RR2Y	2.4	S	CCB,Me	61.3	14.6	1	120.0	\$550
Pioneer	P22T73R §	RR	2.2	R	EE,G	61.3	14.9	1	124.9	\$549
Asgrow	AG2535 §	RR2Y	2.5	MR	ACi	61.3	15.2	1	118.1	\$549
Pioneer	P25T51R §	RR	2.5	R	EE,G	61.1	15.4	1	118.1	\$547
Channel	1808R2 GC	RR2Y	1.8	R	None	60.8	15.0	2	115.2	\$545
Mustang	21X127	RRX	2.1	R	ACi	60.7	14.8	1	118.1	\$544
Stine	24RH62 §	RR2Y	2.4	R	SFI	60.7	15.0	4	119.1	\$544
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	60.1	14.6	2	113.7	\$539
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	59.8	15.1	1	117.1	\$536
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	59.6	15.0	1	117.1	\$534
Hefty	H24X6	RRX	2.4	MR	DST	59.6	15.2	1	121.0	\$534
Asgrow	AG2733 §	RR2Y	2.7	MR	ACi	59.6	15.1	2	116.2	\$534
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	59.4	15.3	1	113.3	\$532
Stine	24RE03 §	RR2Y	2.4	MR	SFI	59.3	15.0	1	119.1	\$531
Pioneer	P22T69R GC	RR	2.2	R	None	59.2	14.6	1	115.7	\$531
Renk	RS276NX	RRX	2.8	R	AM	58.7	15.2	1	115.2	\$526

Averages = **58.6** **14.9** **1** **117.1** **\$525**

LSD (0.10) = 6.0 0.4 ns

LSD (0.25) = 4.2 0.3 ns

C.V. = 7.6 Prev. years avg. yield, 52.5 bu/a, 6 yrs

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *We got this test planted late May into perfect conditions, just before a wet period started. Area rainfall was at or above normal all growing season. At harvest, soybeans stood straight, around 30" tall, which helped make for good harvest conditions. Area soybean harvest has been slowed by numerous damp cloudy days. A few insignificant late emerging weeds were widely scattered across the test.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 10/22/2016 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® and XL® are registered trademarks of DuPont Pioneer.
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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.