

2016 Soybean Top 30 Harvest Report
 South Dakota Southeast [SDSE] HOWARD
 John Feller, Miner County, SD 57349



PREV. CROP/HERB: Corn
 SOIL DESCRIPTION: Clarno-Bonilla loam, moderately drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.4 pH, 4.2 % OM, no SCN
 TILLAGE/CULTIVATION: Minimum w/o fall till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE - ROW: May 24 150,000 /A 30" Spacing
 HARVESTED - STAND: Oct 10 124,500 /A

All-Season Test
Maturity Group 2.1 - 2.8
 S2016SDSE11

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
Mustang	25456	RR2Y	2.5	S	NCFI	67.2	13.7	1	129.7	\$604
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CCB,In	63.1	12.8	1	130.7	\$568
Pioneer	P28T08R §	RR	2.8	R	None	62.5	14.7	1	114.2	\$560
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	61.8	13.5	1	130.2	\$556
Latham	E2414R2	RR2Y	2.4	S	CCB,Me	61.2	12.7	1	121.0	\$551
LG Seeds	C2605R2	RR2Y	2.6	S	CCB	61.1	13.4	1	128.7	\$549
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	61.1	13.6	1	130.7	\$549
Stine	28RH02 §	RR2Y	2.8	R	SFI	61.0	13.3	1	111.3	\$549
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	60.6	13.5	1	132.1	\$545
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	60.1	13.5	1	130.7	\$540
Titan Pro	TP-26X16	RRX	2.6	R	IS	59.8	12.7	1	118.1	\$538
Hefty	H27X6	RRX	2.7	MR	None	59.8	13.2	1	123.9	\$538
Hefty	H23X7	RRX	2.3	S	DST	59.6	12.5	1	129.7	\$536
Pioneer	P25T51R §	RR	2.5	R	EE,G	58.9	12.9	2	122.9	\$530
Titan Pro	TP-28X45	RRX	2.8	R	IS	58.6	13.5	1	119.1	\$527
Asgrow	AG2535 §	RR2Y	2.5	MR	ACi	58.4	12.8	2	118.1	\$526
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	57.9	13.5	1	120.0	\$521
Asgrow	AG2733 §	RR2Y	2.7	MR	ACi	57.8	13.3	1	123.9	\$520
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G	57.6	13.1	1	128.7	\$518
Hefty	H25X7	RRX	2.5	MR	DST	57.6	13.3	1	122.5	\$518
Latham	L2454R2X	RRX	2.4	S	CCB,Me	57.4	12.6	1	124.9	\$517
Pfister	26R204	RR2Y	2.6	R	CCB	57.2	14.9	1	122.9	\$513
Mustang	21X127	RRX	2.1	R	ACi	57.1	12.5	1	124.9	\$514
Renk	RS237X	RRX	2.3	S	CMB	57.0	12.6	1	128.7	\$513
Hefty	H26X7	RRX	2.6	MR	DST	56.8	13.0	1	125.8	\$511
Pfister	21R201	RR2Y	2.1	R	CCB	56.2	12.4	1	120.0	\$506
Channel	1808R2 GC	RR2Y	1.8	R	None	56.2	13.1	1	125.8	\$506
Hefty	H24X6	RRX	2.4	MR	DST	55.8	13.2	1	127.8	\$502
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	55.5	12.5	1	135.0	\$500
Pioneer	P20T79R2 §	RR2Y	2.0	R	None	55.5	12.7	1	124.9	\$500

Averages = **56.0** **13.1** **1** **124.5** **\$503**

LSD (0.10) = 6.0 0.7 ns

LSD (0.25) = 4.2 0.5 ns

C.V. = 7.9 Prev. years avg. yield, 50.9 bu/a, 8 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: *The dry weather in June through mid-July contributed to relatively short beans of 36" at harvest. Above normal rainfall in August and September helped product large sized soybeans and very good yield levels here. At harvest, some soybean plants still had green leaves and green stems. Almost ideal grain moistures for harvest. A few weed breakouts noted but not enough to impact yields.*

† 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: 10/11/2016 Revised:

2016 Soybean - South Dakota Southeast [SDSE]
All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2431 §	RR2Y	2.4	S	ACi	Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In
Asgrow	AG2535 §	RR2Y	2.5	MR	ACi	Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In
Asgrow	AG2733 §	RR2Y	2.7	MR	ACi	Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CCB,In
Channel	1808R2 GC	RR2Y	1.8	R	None	Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In
Channel	2108R2	RR2Y	2.1	R	None	Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In
Dairyland	DSR-2110/R2Y GC	RR2Y	2.1	R	CMB	Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	Renk	RS237X	RRX	2.3	S	CMB
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	Renk	RS246NR2	RR2Y	2.4	R	CMBV
Dyna-Gro	S24RY87	RR2Y	2.4	R	CCB	Renk	RS276NX	RRX	2.8	R	AM
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	CCB	Stine	24RE03 §	RR2Y	2.4	MR	SFI
Hefty	H21X6	RRX	2.1	MR	DST	Stine	24RH62 §	RR2Y	2.4	R	SFI
Hefty	H23X7	RRX	2.3	S	DST	Stine	28RH02 §	RR2Y	2.8	R	SFI
Hefty	H24X6	RRX	2.4	MR	DST	Titan Pro	TP-21X46	RRX	2.1	R	None
Hefty	H25X7	RRX	2.5	MR	DST	Titan Pro	TP-23X76	RRX	2.3	R	IS
Hefty	H26X7	RRX	2.6	MR	DST	Titan Pro	TP-24R26	RR2Y	2.4	R	IS
Hefty	H27X6	RRX	2.7	MR	None	Titan Pro	TP-26R35	RR2Y	2.6	MR	IS
Hefty	H28X6	RRX	2.8	MR	DST	Titan Pro	TP-26X16	RRX	2.6	R	IS
Latham	E2414R2	RR2Y	2.4	S	CCB,Me	Titan Pro	TP-28X45	RRX	2.8	R	IS
Latham	L2128R2	RR2Y	2.1	R	CCB,Me						
Latham	L2184R2X	RRX	2.1	R	SS						
Latham	L2228R2	RR2Y	2.2	R	CCB,Me						
Latham	L2454R2X	RRX	2.4	S	CCB,Me						
Latham	L2482R2	RR2Y	2.4	R	CCB,Me						
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
LG Seeds	C2520R2	RR2Y	2.5	R	CCB						
LG Seeds	C2605R2	RR2Y	2.6	S	CCB						
Mustang	21X127	RRX	2.1	R	ACi						
Mustang	24X226	RRX	2.4	R	NCFI						
Mustang	25456	RR2Y	2.5	S	NCFI						
Mustang	27X827	RRX	2.7	R	ACi						
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me						
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me						
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me						
Pfister	21R201	RR2Y	2.1	R	CCB						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pfister	26R204	RR2Y	2.6	R	CCB						
Pfister	28R202	RR2Y	2.8	R	CCB						
Pioneer	P20T79R2 §	RR2Y	2.0	R	None						
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G						
Pioneer	P22T69R GC	RR	2.2	R	None						
Pioneer	P22T73R §	RR	2.2	R	EE,G						
Pioneer	P25T51R §	RR	2.5	R	EE,G						
Pioneer	P28T08R §	RR	2.8	R	None						

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.