

2016 Soybean Top 30 Harvest Report
 South Dakota Northeast [SDNE] ARLINGTON
 Tim Bjorklund, Brookings County, SD 57212



PREV. CROP/HERB: Corn
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, high K, 7.5 pH, 4.4 % OM, no SCN
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Sharpen, Durango, Sonic
 SEEDED - RATE - ROW: May 24 150,000 /A 30" Spacing
 HARVESTED - STAND: Oct 15 114,300 /A

All-Season Test
Maturity Group 1.0 - 1.7
 S2016SDNE03

Top 30 of 63
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Dairyland	DST15-008/R2Y	RR2Y	1.5	R	CMB	75.6	14.3	1	110.4	\$678
Titan Pro	TP-16X36	RRX	1.6	R	None	70.6	14.8	1	116.2	\$633
Federal	F1670NR2X	RRX	1.6	R	MAG	70.5	14.9	5	116.2	\$632
Hefty	H17X7	RRX	1.7	MR	AM	70.0	14.2	1	108.9	\$628
Latham	L1673R2	RR2Y	1.6	S	SS+	69.8	13.9	1	110.4	\$627
Mustang	10X127	RRX	1.0	R	ACi	68.7	14.3	1	111.8	\$617
Stine	10RD03 §	RR2Y	1.0	S	SFI	68.2	14.2	1	105.3	\$612
Pfister	14R203	RR2Y	1.4	R	CCB	67.8	14.2	1	115.4	\$609
Dyna-Gro	S17RY67	RR2Y	1.7	R	CCB	67.0	14.2	3	110.4	\$601
AgVenture	10H7R2^	RR2Y	1.0	S	CMBV	66.3	14.2	1	108.9	\$595
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In	66.1	14.7	1	114.7	\$593
Hefty	H12X7	RRX	1.2	MR	DST	65.9	14.3	1	113.3	\$591
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	65.7	14.3	1	111.8	\$590
Hefty	H16X7	RRX	1.6	MR	DST	65.7	14.7	1	120.5	\$589
Renk	RS147NR2	RR2Y	1.4	R	CMBV	65.6	14.3	3	110.4	\$589
Latham	E1584R2	RR2Y	1.5	R	SS+	65.5	14.9	1	116.2	\$587
Federal	F106NRR2Y	RR2Y	1.0	R	MAG	64.6	14.6	1	114.7	\$579
REA	R1415	RR2Y	1.4	R	ACi	64.3	14.6	1	122.0	\$577
Federal	F147NRR2Y	RR2Y	1.4	R	MAG	64.2	14.2	1	117.6	\$576
Renk	RS153NR2	RR2Y	1.5	R	CMBV	64.0	14.4	1	116.9	\$574
Mustang	13327	RR2Y	1.3	R	ACi	63.9	14.6	1	107.4	\$573
REA	71G14	RR2Y	1.1	R	ACi	63.9	14.7	1	120.5	\$573
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	63.8	14.4	1	109.6	\$572
Federal	F1370NR2X	RRX	1.3	R	ACi	63.5	14.4	1	117.6	\$570
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	63.1	14.2	1	119.1	\$566
Latham	E1748R2	RR2Y	1.7	R	CCB,Me	63.1	14.7	1	124.9	\$566
Stine	13RI32 §	RR2Y	1.3	R	SFI	62.8	14.3	1	117.6	\$564
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	62.8	14.3	1	113.3	\$564
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	62.6	14.2	1	111.8	\$562
Stine	17RH03 §	RR2Y	1.7	S	SFI	62.5	14.7	1	107.4	\$560

Averages = **62.7** **14.5** **1** **114.3** **\$562**

LSD (0.10) = 6.8 0.6 ns

LSD (0.25) = 4.8 0.4 ns

C.V. = 6.5 Prev. years avg. yield, 50.8 bu/a, 4 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: *This was a really nice looking test plot start to finish. Soybean plants were very uniform across the field with heights around 32 inches. Monthly rainfall totals were July 8.7", August 5.3" and Sept 4.4", all exceeding their 30-yr avg. Timely and ample rainfall contributed to the large seed size and nice yields here. A replication was lost to a planting error, ruining the right side vertical rep.*

† 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: 10/16/2016 Revised:

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All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgVenture	08E5RR^	RR	0.8	S	IS	Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In
AgVenture	09E1RR^	RR	0.9	R	IS	Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In
AgVenture	10H7R2^	RR2Y	1.0	S	CMBV	Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In
AgVenture	12M2R2^	RR2Y	1.2	S	EE,G,IL	Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In
AgVenture	14H6R^	RR	1.4	R	EE	REA	71G14	RR2Y	1.1	R	ACi
AgVenture	16M6R^	RR	1.6	S	EE,G,IL	REA	R1415	RR2Y	1.4	R	ACi
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	Renk	RS107NX	RRX	1.0	R	CMB
Asgrow	AG1636 §	RR2Y	1.6	R	ACi	Renk	RS137NX	RRX	1.3	R	CMBV
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	Renk	RS147NR2	RR2Y	1.4	R	CMBV
Dairyland	DSR-1120/R2Y	RR2Y	1.1	S	CMB	Renk	RS153NR2	RR2Y	1.5	R	CMBV
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	Stine	10RD03 §	RR2Y	1.0	S	SFI
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Stine	13RI32 §	RR2Y	1.3	R	SFI
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	Stine	17RH03 §	RR2Y	1.7	S	SFI
Dairyland	DST15-008/R2Y	RR2Y	1.5	R	CMB	Thunder	3511R2YN	RR2Y	1.1	R	CMB
Dyna-Gro	S12RY44	RR2Y	1.2	R	CCB	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB	Titan Pro	TP-12X55	RRX	1.2	R	None
Dyna-Gro	S17RY67	RR2Y	1.7	R	CCB	Titan Pro	TP-16X36	RRX	1.6	R	None
Federal	F106NRR2Y	RR2Y	1.0	R	MAG	Titan Pro	TP-17X26	RRX	1.7	R	None
Federal	F1260NR2X	RRX	1.2	R	AG						
Federal	F1370NR2X	RRX	1.3	R	ACi						
Federal	F1470NR2X	RRX	1.4	R	ACi						
Federal	F147NRR2Y	RR2Y	1.4	R	MAG						
Federal	F154NRR2Y	RR2Y	1.5	R	MAG						
Federal	F1670NR2X	RRX	1.6	R	MAG						
Hefty	H11X7	RRX	1.1	MR	DST						
Hefty	H12X7	RRX	1.2	MR	DST						
Hefty	H13X7	RRX	1.3	MR	DST						
Hefty	H16X7	RRX	1.6	MR	DST						
Hefty	H17X7	RRX	1.7	MR	AM						
Latham	E1584R2	RR2Y	1.5	R	SS+						
Latham	E1748R2	RR2Y	1.7	R	CCB,Me						
Latham	L1285R2X	RRX	1.2	MR	CCB,Me						
Latham	L1345R2	RR2Y	1.3	S	SS+						
Latham	L1438R2	RR2Y	1.4	R	CCB,Me						
Latham	L1538R2	RR2Y	1.5	R	CCB,Me						
Latham	L1673R2	RR2Y	1.6	S	SS+						
Latham	L1759R2X	RRX	1.7	R	CCB,Me						
Mustang	10X127	RRX	1.0	R	ACi						
Mustang	13327	RR2Y	1.3	R	ACi						
Mustang	13X927	RRX	1.3	R	ACi						
Mustang	16846	RR2Y	1.6	S	NCFI						
NK Brand	S14-A6 §	RR2Y	1.4	MR	CCB,Me						
NK Brand	S15-P1 §	RR2Y	1.5	MR	CCB,Me						
NK Brand	S17-B3 §	RR2Y	1.7	R	CCB,Me						
Pfister	14R203	RR2Y	1.4	R	CCB						

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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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.