

2016 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] CAVOUR
Greg Bich, Beadle County, SD 57324



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

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Houdek-Prosper loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 5.3 pH, 2.9 % OM, no SCN
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Roundup PowerMax, Select Max, Valor
SEEDED - RATE - ROW: May 16 150,000 /A 30" Spacing
HARVESTED - STAND: Oct 13 112,300 /A

All-Season Test
Maturity Group 1.6 - 2.3
S2016SDEC07

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
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In	65.1	13.2	1	115.2	\$586
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	64.7	13.1	2	116.2	\$582
Latham	L2128R2	RR2Y	2.1	R	CCB,Me	64.2	13.4	2	113.7	\$577
Titan Pro	TP-21X46	RRX	2.1	R	None	64.1	13.1	2	114.2	\$577
Hefty	H20X7	RRX	2.0	MR	DST	64.0	13.1	1	116.2	\$576
Latham	L1759R2X	RRX	1.7	R	CCB,Me	63.1	13.1	1	115.2	\$568
Latham	L2184R2X	RRX	2.1	R	SS	63.1	12.7	3	114.2	\$568
Renk	RS207NX	RRX	2.0	R	CMBV	62.9	12.9	2	110.4	\$566
Pfister	18R201	RR2Y	1.8	R	CCB	62.9	12.9	3	114.2	\$566
Pioneer	P20T79R2 §	RR2Y	2.0	R	None	62.8	13.2	1	108.4	\$565
Channel	1808R2 GC	RR2Y	1.8	R	None	62.8	12.7	3	106.5	\$565
Dyna-Gro	S21XT77	RRX	2.1	R	ACi	62.5	12.9	1	108.4	\$563
Mustang	21X127	RRX	2.1	R	ACi	62.3	12.8	3	117.1	\$561
Channel	2108R2	RR2Y	2.1	R	None	61.8	13.4	2	117.6	\$556
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G	61.8	13.7	2	115.7	\$555
Pfister	19R24	RR2Y	1.9	R	CCB	61.7	13.5	3	114.2	\$555
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	61.1	13.3	1	111.3	\$550
Thunder	3619R2YN	RR2Y	1.9	R	CMB	61.1	13.0	2	112.3	\$550
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB	61.1	12.6	3	108.4	\$550
Latham	L1673R2	RR2Y	1.6	S	SS+	61.0	13.2	1	110.4	\$549
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	60.9	12.0	2	115.2	\$548
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	60.8	13.4	1	114.2	\$547
Mustang	19726	RR2Y	1.9	R	NCFI	60.6	13.0	3	117.1	\$545
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	60.5	13.2	2	110.4	\$544
Proseed	XT614 GC	RRX	1.4	R	CMBV	60.3	13.4	2	119.1	\$542
Stine	19RF32 §	RR2Y	1.9	R	SFI	60.2	13.1	1	113.3	\$542
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	59.8	13.2	2	114.2	\$538
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In	59.7	13.3	2	110.4	\$537
REA	R2115	RR2Y	2.1	R	ACi	59.7	13.4	2	119.1	\$537
Latham	L1968R2	RR2Y	1.9	R	CCB,Me	59.5	13.0	3	111.3	\$536

Averages = **58.6** **13.1** **2** **112.3** **\$527**

LSD (0.10) = 6.6 0.7 ns

LSD (0.25) = 4.6 0.5 ns

C.V. = 8.4 Prev. years avg. yield, 45.4 bu/a, 9 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: Soybean plants were relatively short at 30 inches or less. Dry weather in June and July shortened plants in the back third of our test and may have contributed to the reduced yields there. Strong yields and large soybean grain size are due to rainfall being at or above normal in August (2.8" above) and September. No weed control issues observed.

† 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: 10/14/2016 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. 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.