

2017 Soybean Top 30 Harvest Report
 South Dakota Southeast [SDSE] COLTON
 Floyd Snoozy, Minnehaha County, SD 57018



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

PREV. CROP/HERB: Corn / SureStart, atrazine, Roundup UltraMax
 SOIL DESCRIPTION: Moody clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 7.0 pH, 4.3% OM, 22.6 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup, Authority
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 26 150,000 /A 30" Spacing
 HARVESTED - STAND: 10 19 117,400 /A

All-Season Test
Maturity Group 2.1 - 2.8
 S2017SDSE04

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Deere	D28-2100R2†	RR2†	2.6	RR	82.9	11.6	1	115.7	\$736	1
HR Brand	521-417 g	RR2†	2.1	R	81.8	10.6	2	116.5	\$736	2
L.G. Seeds	2200R2	RR2†	2.6	S	79.8	11.5	1	116.5	\$716	3
Frans Brand	FR-2100R2	RR2†	2.6	S	71.5	11.7	4	116.5	\$696	4
Tran Pro	TP-20R2	RR2†	2.6	RR	71.1	11.4	4	116.5	\$696	5
Stone	20R2 g	RR2†	2.6	R	70.8	11.5	2	116.5	\$691	6
Tran Pro	TP-2104R	RR1	2.1	R	76.3	11.4	1	116.5	\$676	7
Latham	L24R2	RR2†	2.6	RR	74.8	11.5	3	116.5	\$671	8
Frans Brand	FR-2400R2	RR2†	2.4	R	71.5	10.5	1	116.5	\$662	9
Woolberg	214R	RR2†	2.6	S	71.5	11.5	1	116.2	\$657	10
HR Brand	528-417 g	RR2†	2.6	R	72.7	11.4	1	116.5	\$654	11
Tran Pro	TP-24R2	RR2†	2.4	R	72.3	11.5	1	121.3	\$653	12
Pioneer	P2175R g	RR1	1.9	R	71.5	11.5	2	116.5	\$648	13
Latham	L240R1-17	R1	2.0	R	71.7	11.6	1	115.7	\$648	14
Deere	D28-2100R2†	RR2†	2.6	RR	71.5	10.5	1	115.1	\$644	15
Pharo	21R2	RR2†	2.1	R	71.4	10.6	1	117.1	\$642	16
Fugro	F220R g	RR1	2.1	R	71.2	10.8	2	115.7	\$641	17
Latham	L24R2	RR2†	2.6	R	70.8	10.7	1	117.1	\$638	18
Latham	L24R1	RR1	2.1	R	70.4	10.8	1	120.5	\$634	19
Latham	L24R1	RR1	2.1	R	70.4	11.4	3	121.5	\$634	20
Latham	L24R2†	RR2†	2.7	R	70.5	10.7	2	116.1	\$633	21
Pioneer	P2177R g	RR1	2.2	R	69.9	10.6	2	115.7	\$628	22
Hoff	H24R	RR2†	2.4	R	69.8	11.4	1	116.5	\$628	23
Stone	21R2 g	RR2†	2.1	R	69.4	10.4	1	117.6	\$628	24
Woolberg	21R2†	RR1	2.7	R	69.3	10.8	1	114.2	\$624	25
Dura-Gro	520R17	RR2†	2.7	R	69.0	11.0	1	115.2	\$621	26
Pharo	24R2†	RR2†	2.4	R	69.0	10.6	2	116.5	\$621	27
Tran Pro	TP-24R7	RR1	2.4	RR	68.3	11.3	1	114.7	\$615	28
Pharo	24R2†	RR2†	2.6	R	68.1	10.8	1	116.1	\$615	29
Woolberg	2112R	RR1	2.5	R	67.5	10.8	1	115.2	\$615	30

DATA REJECTED

 Mark Tollefson mark.tollefson@firstseedtests.com, (507) 456-2357	Averages =	68.9	10.9	2	117.4	\$620
	LSD (0.10) =	5.6	0.2	1.7		
	LSD (0.25) =	2.9	0.1	0.9		
	C.V. =	7.7				
						Prev. years avg. yield, 71.5 bu/a, 1 yr

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

TEST COMMENTS: *Dicamba drift from an adjacent soybean field damaged dicamba sensitive soybeans in the test and surrounding field. The drift cupped leaves and created disussion about how much yield impact it may have caused. At harvest, Floyd didn't see a significant yield loss from the drift. However, since dicamba drift is known to either reduce or enhance yield of sensitive soybeans, we reject these test results.*

† 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: 10/24/2017 Revised:

2017 Soybean - South Dakota Southeast [SDSE]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG24X7 §	RRX	2.4	R	ACi	Stine	21RI32 §	RR2Y	2.1	R	SFI
Asgrow	AG26X8 §	RRX	2.6	R	ACi	Stine	24RH62 §	RR2Y	2.4	R	SFI
Asgrow	AG27X8 §	RRX	2.7	S	ACi	Stine	28RH02 §	RR2Y	2.8	R	SFI
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB	Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	EQV,Ci	Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL
Dyna-Gro	S28XT58	RRX	2.8	R	EQV,Ci	Titan Pro	TP-26R35	RR2Y	2.6	MR	IS,IL
Hefty	H22X7	RRX	2.2	R	DST	Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL
Hefty	H22X8	RRX	2.2	R	DST	Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL
Hefty	H23X8	RRX	2.3	S	DST						
Hefty	H24X8	RRX	2.4	R	DST						
Hefty	H25X8	RRX	2.5	R	DST						
Hefty	H26X7	RRX	2.6	R	DST						
Hefty	H27X6	RRX	2.7	R	DST						
Hefty	H28X8	RRX	2.8	R	DST						
Latham	L2454R2X	RRX	2.4	S	CCB,Me						
Latham	L2482R2	RR2Y	2.4	R	SS+						
Latham	L2484R2X	RRX	2.4	R	SS+						
Latham	L2638EXGT	BG	2.6	R	SS+						
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me						
Latham	L2682R2X	RRX	2.6	R	SS+						
Latham	L2749R2X	RRX	2.7	R	CCB,Me						
Latham	L2887R2X	RRX	2.8	R	CCB,Me						
LG Seeds	C2201RX	RRX	2.2	R	ASfi,IL						
LG Seeds	C2605R2	RR2Y	2.6	S	ASfi,IL						
Mustang	24X728	RRX	2.4	R	F,I						
Mustang	25456	RR2Y	2.5	S	F,I						
Mustang	25X528	RRX	2.5	R	F,I						
Mustang	27X827	RRX	2.7	R	F,I						
NK Brand	S21-M7 §	RR2Y	2.1	R	CCB,Me						
NK Brand	S25-B6X §	RRX	2.5	R	CCB,Me						
NK Brand	S27-M8X	RRX	2.7	R	CCB,Me						
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pfister	26R207	RR2Y	2.6	R	CCB						
Pioneer	P19T55X §	RRX	1.9	R	EE,G						
Pioneer	P22T73R §	RR	2.2	R	EE,G						
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CMB						
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB						
Prairie Brand	PB-2600R2	RR2Y	2.6	S	CMB						
Renk	RS228NX	RRX	2.2	R	AM,IL						
Renk	RS248NX	RRX	2.4	R	AM,IL						
Renk	RS268NX	RRX	2.6	R	AM,IL						
Renk	RS288NX	RRX	2.8	R	AM,IL						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.