

2018 Soybean Top 30 Harvest Report
 Pennsylvania Southeast [PASE] MARTINSBURG
 Jim Smith, Blair County, PA 16673



PREV. CROP/HERB: Corn / glyphosate, 2,4-D, Capreno, atrazine
 SOIL DESCRIPTION: Silt loam, moderately drained, irrigated
 SOIL CONDITIONS: Very high P, medium K, 6.2 pH, 4.6% OM, 14.0 CEC
 TILLAGE/CULTIVATION: Minimum w/o fall till
 PEST MANAGEMENT: glyphosate, Broadaxe, Tricor DF
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 18 155,000 /A 30" Spacing
 HARVESTED - STAND: Dec 10 131,300 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2018PASE08

Top 30 of 36
 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
Seed Consultants	SC 3319L	LL	3.1	R	58.7	15.4	1	141.3	\$490	1
Pioneer	P31T77R §	RR	3.1	R	58.2	15.4	1	133.6	\$486	2
Asgrow	AG38X8 §	RRX	3.8	R	55.4	15.9	3	139.4	\$462	3
Mid-Atlantic	MAS3311NRR2/STS/XRRX		3.3	n/a	55.1	15.2	1	127.8	\$460	4
Pioneer	P39T28X §	RRX	3.9	R	54.4	15.5	2	133.6	\$454	5
Hubner	H34-37R2X	RRX	3.4	R	54.1	15.9	1	129.7	\$451	6
Hubner	H33-37R2X	RRX	3.3	R	54.1	15.8	2	127.8	\$451	7
Local Seed Co.	LS3787XS	RRX,ST	3.7	R	53.5	16.0	9	133.6	\$446	8
Pioneer	P36T86R §	RR	3.6	R	53.2	15.1	2	129.7	\$445	9
Seed Consultants	SC 8279X	RRX	2.7	R	53.2	15.3	3	137.5	\$444	10
Mycogen	MY360A1 §	RR2Y	3.6	MR	53.2	16.0	3	131.6	\$444	11
NK Brand	S34-T2X §	RRX	3.4	R	52.6	15.5	8	133.6	\$439	12
Credenz	CZ3738LL	LL	3.7	MR	52.5	16.2	4	135.5	\$438	13
Local Seed Co.	LS2847R2S	RR2Y,ST	2.8	R	52.1	15.8	6	133.6	\$435	14
Doebblers	RPM 30R8	RR	3.0	R	51.6	15.4	2	133.6	\$431	15
Chemgro	C3751RXS	RRX,ST	3.7	R	51.6	15.3	10	125.8	\$431	16
NK Brand	S35-K9X §	RRX	3.5	R	51.5	15.3	9	129.7	\$430	17
Credenz	CZ3548LL	LL	3.5	MR	51.3	15.4	1	123.9	\$428	18
Mid-Atlantic	MAS3611RR2/STS/XRRX,ST		3.6	R	51.3	15.5	14	135.5	\$428	19
Seed Consultants	SC 8358X	RRX	3.5	R	51.1	15.9	2	125.8	\$426	20
Mycogen	5N342R2 §	RR2Y	3.4	R	50.9	15.3	2	131.6	\$425	21
Chemgro	C3451RX	RRX	3.4	R	50.6	15.1	3	123.9	\$423	22
Credenz	CZ3841LL	LL	3.8	R	50.2	16.1	9	131.6	\$419	23
Seed Consultants	SC 8379X	RRX	3.7	R	49.6	16.3	9	135.5	\$413	24
Asgrow	AG36X6 §	RRX	3.6	R	49.0	15.6	7	129.7	\$409	25
Mycogen	5N387R2 §	RR2Y	3.8	R	48.9	15.8	7	127.8	\$408	26
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	48.6	15.4	16	129.7	\$406	27
Credenz	CZ3233LL	LL	3.2	R	47.8	15.6	10	131.6	\$399	28
Credenz	CZ3601LL	LL	3.6	R	47.6	15.8	5	129.7	\$397	29
Hubner	H38-27R2X	RRX	3.8	R	46.9	16.0	9	133.6	\$391	30

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Averages =	50.7	15.6	6	131.3	\$423
LSD (0.10) =	3.7	0.1	3.0		
LSD (0.25) =	2.0	0.0	1.6		
C.V. =	7.0				

Prev. years avg. yield, 62.4 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.40 GMO; \$8.40 non-GMO

TEST COMMENTS: *No-till planted into an oat cover crop. Good soil moisture at planting and excellent uniform emergence. Weed control was good with only a few escapes. Above average rainfall for the growing season. Generally, soybean grain quality was good with only a few with moldy beans. Yields were good considering the amount of rain, lack of sunlight and the late harvest. Overall test rating is 8 out of 10.*

† 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: 12/12/2018 Revised:

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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG30X8 §	RRX	3.0	R	AC,PV						
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV						
Asgrow	AG38X8 §	RRX	3.8	R	AC,PV						
Chemgro	C3451RX	RRX	3.4	R	En						
Chemgro	C3751RXS	RRX,ST	3.7	R	En						
Credenz	CZ3233LL	LL	3.2	R	EE,PV,IL						
Credenz	CZ3548LL	LL	3.5	MR	EE,PV,IL						
Credenz	CZ3601LL	LL	3.6	R	EE,PV,IL						
Credenz	CZ3738LL	LL	3.7	MR	EE,PV,IL						
Credenz	CZ3841LL	LL	3.8	R	EE,PV,IL						
Doebler	RPM 30R8	RR	3.0	R	DPHB,Lu						
Hubner	H33-37R2X	RRX	3.3	R	AC,PV						
Hubner	H34-37R2X	RRX	3.4	R	AC,PV						
Hubner	H36-28R2X	RRX	3.6	R	AC,PV						
Hubner	H38-27R2X	RRX	3.8	R	AC,PV						
Local Seed Co.	LS2847R2S	RR2Y,ST	2.8	R	TE						
Local Seed Co.	LS3787XS	RRX,ST	3.7	R	TE						
Local Seed Co.	TS3759R2	RR2Y	3.7	R	TE						
Mid-Atlantic	MAS3311NRR2/STS/Δ	RRX	3.3	n/a	PS						
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	PS,Me						
Mid-Atlantic	MAS3611RR2/STS/X	RRX,ST	3.6	R	PS						
Mid-Atlantic	MAS3681RR2/X	RRX	3.6	n/a	PS						
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	PS						
Mycogen	5N306R2 §	RR2Y	3.0	R	CCB						
Mycogen	5N342R2 §	RR2Y	3.4	R	CCB						
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB						
Mycogen	MY360A1 §	RR2Y	3.6	MR	CCB						
NK Brand	S34-T2X §	RRX	3.4	R	CCB,Me						
NK Brand	S35-K9X §	RRX	3.5	R	CCB,Me						
Pioneer	P31T77R §	RR	3.1	R	None						
Pioneer	P36T86R §	RR	3.6	R	None						
Pioneer	P39T28X §	RRX	3.9	R	EE,G,IL,Lu						
Seed Consultants	SC 3319L	LL	3.1	R	TT,IL						
Seed Consultants	SC 8279X	RRX	2.7	R	TT,Lu						
Seed Consultants	SC 8358X	RRX	3.5	R	TT,Lu						
Seed Consultants	SC 8379X	RRX	3.7	R	TT,IL						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.