

**2018 Soybean Top 30 Harvest Report**  
 Pennsylvania Southeast [ PASE ] HANOVER  
 Dan Winters, Adams County, PA 17331



PREV. CROP/HERB: Soybean / Acuron  
 SOIL DESCRIPTION: Silty clay loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: Very high P, very high K, 6.3 pH, 2.7% OM, 7.4 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Gramoxone, Prowl, Authority Plus, Liberty, Raptor  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: Jun 8 160,000 /A 30" Spacing  
 HARVESTED - STAND: Dec 8 125,200 /A

**All-Season Test**  
**Maturity Group 2.8 - 3.8**  
 S2018PASE07

**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
Mycogen	5N387R2 §	RR2Y	3.8	R	<b>34.4</b>	14.7	1	129.7	\$288	1
Local Seed Co.	LS3787XS	RRX,ST	3.7	R	<b>32.3</b>	14.0	1	129.7	\$271	2
Credenz	CZ3841LL	LL	3.8	R	<b>29.7</b>	14.8	1	123.9	\$249	3
Mid-Atlantic	MAS3718RR2/X	RRX	3.7	R	<b>29.0</b>	13.9	1	125.8	\$244	4
Seed Consultants	SC 8379X	RRX	3.7	R	<b>28.3</b>	14.4	1	125.8	\$237	5
Chemgro	C3751RXS	RRX,ST	3.7	R	<b>27.7</b>	13.7	1	129.7	\$233	6
Seed Consultants	SC 8358X	RRX	3.5	R	24.5	14.4	1	123.9	\$206	7
Asgrow	AG38X8 §	RRX	3.8	R	24.4	14.5	1	129.7	\$205	8
Pioneer	P39T28X §	RRX	3.9	R	23.9	13.9	1	123.9	\$201	9
Hubner	H38-27R2X	RRX	3.8	R	23.6	14.7	1	131.6	\$198	10
Credenz	CZ3601LL	LL	3.6	R	23.4	14.4	1	137.5	\$196	11
Credenz	CZ3738LL	LL	3.7	MR	23.1	14.3	1	114.2	\$194	12
NK Brand	S35-K9X §	RRX	3.5	R	23.0	13.7	1	123.9	\$193	13
Mid-Atlantic	MAS3681RR2/X	RRX	3.6	n/a	22.1	14.2	1	129.7	\$186	14
Hubner	H34-37R2X	RRX	3.4	R	21.9	14.4	1	129.7	\$184	15
Mid-Atlantic	MAS3611RR2/STS/X	RRX,ST	3.6	R	21.5	13.9	1	122.0	\$181	16
Asgrow	AG30X8 §	RRX	3.0	R	21.5	14.3	1	123.9	\$180	17
Mycogen	MY360A1 §	RR2Y	3.6	MR	21.4	14.5	1	131.6	\$180	18
Credenz	CZ3548LL	LL	3.5	MR	21.3	13.9	1	131.6	\$179	19
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	20.6	14.5	1	127.8	\$173	20
Mid-Atlantic	MAS3311NRR2/STS/X	RRX	3.3	n/a	19.6	13.8	1	122.0	\$165	21
Seed Consultants	SC 8279X	RRX	2.7	R	19.5	13.6	1	127.8	\$164	22
Hubner	H33-37R2X	RRX	3.3	R	19.1	14.2	1	129.7	\$160	23
Asgrow	AG36X6 §	RRX	3.6	R	19.1	14.2	1	123.9	\$160	24
Local Seed Co.	LS2847R2S	RR2Y,ST	2.8	R	18.7	13.9	1	129.7	\$157	25
Hubner	H36-28R2X	RRX	3.6	R	18.7	14.6	1	116.2	\$157	26
Seed Consultants	SC 3319L	LL	3.1	R	18.3	13.8	1	129.7	\$154	27
Mycogen	5N306R2 §	RR2Y	3.0	R	17.8	14.1	1	129.7	\$149	28
Mycogen	5N342R2 §	RR2Y	3.4	R	15.8	14.3	1	118.1	\$133	29
Doebblers	RPM 30R8	RR	3.0	R	14.7	14.1	1	131.6	\$123	30

*Robin Kauffman*

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Averages = **21.0** **14.2** **1** **125.2** **\$176**  
 LSD (0.10) = 3.7 0.2 ns  
 LSD (0.25) = 1.9 0.1 ns  
 C.V. = 16.6

Prev. years avg. yield, 49.6 bu/a, 12 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.42 GMO; \$8.42 non-GMO

**TEST COMMENTS:** *Soil conditions were wet at planting but emergence was fine, with only two varieties having difficulty dealing with the wet soils. Soybean plant height never exceeded 16 inches, with some varieties less than 12 inches. Soybean grain quality was not good with mold evident in pods of many varieties. Plots planted on the same day in the same area looked and yielded much better.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 12/10/2018 Revised:

**2018 Soybean - Pennsylvania Southeast [ PASE ]**

**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/	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.