

2017 Soybean Top 30 Performance Summary for Pennsylvania Southeast [PASE]



All-Season Test

Maturity Group 2.8 - 3.8

S2017PASE

Top 30 of 36

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Centre Hall		Martinsburg	
										\$/Acre	Rank	Hanover	Northumberland		
T.A. Seeds	TS2849R2S	RR2Y,ST	2.8	MR	53.3	37.0	16.9	13.0	7	\$489	1	54.4	54.4	46.7	58.9
Doebler	RPM 30R8^	RR	3.0	R	52.6	35.1	18.8	12.8	4	\$483	2	48.9	42.8	56.5	58.6
Asgrow	AG38X8 §	RRX	3.8	R	51.9	35.4	17.6	12.8	6	\$476	3	54.2	51.6	49.5	54.5
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	51.5	36.5	18.2	12.9	7	\$473	4	44.7	50.5	48.0	56.0
Doebler	RPM DB2817R^	RR	2.8	R	50.7	35.5	18.6	12.7	2	\$465	5	44.0	39.5	54.6	57.9
Bayer	CZ3841LL	LL	3.8	R	50.7	34.9	18.4	13.2	9	\$465	6	50.0	54.1	40.5	57.4
Hubner	H35-27R2X	RRX	3.5	R	50.5	36.7	17.6	12.4	5	\$464	7	49.0	52.1	43.2	56.3
Asgrow	AG36X6 §	RRX	3.6	R	49.5	36.3	17.7	12.8	3	\$454	8	50.0	54.3	43.6	50.6
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	49.1	35.8	18.4	12.9	8	\$451	9	50.0	53.2	41.2	53.0
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	48.8	36.7	17.6	13.0	7	\$448	10	44.0	48.2	36.2	61.9
NK Brand	S35-K9X §	RRX	3.5	R	48.6	35.8	17.4	12.6	1	\$446	11	44.0	44.8	42.2	58.9
Bayer	CZ3443LL	LL	3.4	MR	48.6	35.3	17.6	12.6	5	\$446	12	44.0	49.0	48.5	48.4
Doebler	RPM DB3817R^	RR	3.8	R	47.9	36.9	17.2	13.1	3	\$440	13	44.0	47.6	36.8	59.3
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	47.9	35.1	18.2	13.8	8	\$439	14	39.0	51.7	44.4	47.7
Hubner	H38-37R2X	RRX	3.8	R	47.8	35.9	17.2	13.3	7	\$439	15	44.0	52.5	40.0	51.0
Bayer	CZ3548LL	LL	3.5	MR	47.5	35.3	18.3	13.0	3	\$436	16	39.0	46.6	39.7	56.3
T.A. Seeds	TS3169R2	RR2Y	3.1	MR	47.5	35.5	17.2	12.7	6	\$436	17	44.0	42.8	48.0	51.6
Channel	3417R2X	RRX	3.4	R	47.5	35.7	17.2	13.1	6	\$436	18	44.0	51.2	39.2	52.1
Stine	29RI32 §	RR2Y	2.9	R	46.5	37.2	17.0	12.9	7	\$427	19	44.0	51.2	38.5	49.7
NK Brand	S29-K3X §	RRX	2.9	R	45.6	35.7	17.1	12.9	3	\$419	20	50.0	43.8	38.6	54.4
Doebler	RPM DB3517R^	RR	3.5	R	45.5	36.6	16.8	13.1	1	\$418	21	44.0	48.5	34.1	53.9
Stine	28RH02 §	RR2Y	2.8	R	45.5	35.9	18.0	12.7	4	\$418	22	44.0	44.6	35.5	56.3
Stine	38RE02 §	RR2Y,ST	3.8	R	45.4	36.5	17.4	13.7	9	\$416	23	44.0	48.1	38.2	49.8
Channel	3116R2X	RRX	3.1	MR	45.1	36.2	17.0	12.8	4	\$414	24	44.0	44.0	38.9	52.3
Channel	3318R2X	RRX	3.3	R	44.8	35.9	16.6	13.0	5	\$411	25	44.0	45.7	31.0	57.8
Chemgro	C3751RXS	RRX,ST	3.7	R	44.6	36.0	17.7	13.1	9	\$409	26	49.8	36.2	41.1	56.4
Channel	3517R2X	RRX	3.5	MR	44.3	36.5	17.5	13.3	6	\$406	27	37.2	41.2	41.6	50.0
Asgrow	AG30X6 §	RRX	3.0	MR	44.2	35.8	17.5	13.1	4	\$406	28	37.8	40.4	41.8	50.3
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	44.2	36.3	17.2	13.4	8	\$405	29	48.8	50.3	28.7	53.7
Chemgro	C3346R2	RR2Y	3.3	R	44.1	36.0	18.1	12.9	6	\$405	30	42.8	46.6	35.0	50.7

Data Rejected - Not in Summary

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Averages =	46.7	35.9	17.7	13.0	6	\$429	47.3	46.7	40.4	53.1
LSD (0.10) =	3.5	0.7	0.4	0.5	2		ns	4.8	7.0	5.4
LSD (0.25) =	1.8	0.4	0.2	0.2	1		ns	2.5	3.7	2.8

Previous years average yield for region, 51.1 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.18 GMO; \$9.18 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). ns = not significantly different; ‡ = 2 reps.

Additional reports available at www.firstseedtests.com.

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Report Date: 12/12/2017 Revised: 1/17/2018 Protein and oil content results added

2017 Soybean - Pennsylvania Southeast [PASE]



All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG30X6 §	RRX	3.0	MR	ACi
Asgrow	AG36X6 §	RRX	3.6	R	ACi
Asgrow	AG38X8 §	RRX	3.8	R	ACi
Bayer	CZ3233LL	LL	3.2	R	EE,IL,PV
Bayer	CZ3443LL	LL	3.4	MR	EE,IL,PV
Bayer	CZ3548LL	LL	3.5	MR	EE,IL,PV
Bayer	CZ3738LL	LL	3.7	MR	EE,IL,PV
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV
Channel	3116R2X	RRX	3.1	MR	ACi
Channel	3318R2X	RRX	3.3	R	ACi
Channel	3417R2X	RRX	3.4	R	ACi
Channel	3517R2X	RRX	3.5	MR	ACi
Chemgro	C3346R2	RR2Y	3.3	R	En
Chemgro	C3751RXS	RRX,ST	3.7	R	None
Doebler	RPM 30R8^	RR	3.0	R	DPHB,IL
Doebler	RPM 33R8^	RR	3.3	R	DPHB,IL
Doebler	RPM DB2817R^	RR	2.8	R	DPHB
Doebler	RPM DB3517R^	RR	3.5	R	DPHB
Doebler	RPM DB3817R^	RR	3.8	R	DPHB
Hubner	H30-27R2X	RRX	3.0	R	AC,PV
Hubner	H32-13R2	RR2Y	3.2	MR	AC,PV
Hubner	H35-27R2X	RRX	3.5	R	AC,PV
Hubner	H38-37R2X	RRX	3.8	R	AC,PV
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	PS
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	PS
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	PS
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	PS
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	PS
NK Brand	S29-K3X §	RRX	2.9	R	CCB,Me
NK Brand	S35-K9X §	RRX	3.5	R	CCB,Me
NK Brand	S37-H5X §	RRX	3.7	R	CCB,Me
Stine	28RH02 §	RR2Y	2.8	R	SFI
Stine	29RI32 §	RR2Y	2.9	R	SFI
Stine	38RE02 §	RR2Y,ST	3.8	R	SFI
T.A. Seeds	TS2849R2S	RR2Y,ST	2.8	MR	TE
T.A. Seeds	TS3169R2	RR2Y	3.1	MR	TE

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.

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

* Seed treatments may include unspecified plant health promoting components.