

2016 Soybean Top 30 Performance Summary for Pennsylvania Southeast [PASE]



All-Season Test

Maturity Group 2.8 - 3.8

S2016PASE

Top 30 of 42

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Hanover	Martinsburg	Northumberland State College	
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	56.4	34.4	19.7	13.7	3	\$518	47.4	55.4	66.7	56.0
Doebler	RPM DB3517R^	RR	3.5	R	DPHB	54.9	34.2	19.7	12.6	1	\$505	42.1	50.5	58.6	68.5
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	53.3	35.8	19.5	13.0	2	\$490	42.5	52.6	57.8	60.3
TA Seeds	TS3169R2	RR2Y	3.1	MR	TE	53.2	35.3	18.7	13.1	2	\$489	42.9	50.5	59.3	59.9
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi	53.1	34.3	19.2	13.7	2	\$488	43.1	54.3	58.8	56.1
Doebler	RPM DB3817R^	RR	3.8	R	DPHB	52.9	34.2	19.8	12.4	1	\$487	44.0	51.7	56.9	59.0
Channel	3417R2X	RRX	3.4	R	ACi	52.9	35.2	18.7	13.1	1	\$487	40.4	53.1	56.0	62.2
Doebler	RPM DB3315RR^	RR	3.3	R	DPHB	52.7	35.4	19.4	12.5	1	\$485	40.2	49.3	59.6	61.5
Hubner	H35-16R2	RR2Y	3.5	R	ACi	52.7	35.0	18.7	12.8	2	\$485	42.6	50.5	55.4	62.3
Pioneer	P31T77R §	RR	3.1	R	None	52.6	34.8	20.3	13.0	0	\$484	37.2	46.3	66.1	60.6
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	52.6	35.3	19.1	13.0	1	\$484	42.3	48.3	59.8	60.0
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI	52.6	35.2	19.1	13.3	1	\$484	39.6	47.1	60.0	63.7
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi	52.6	35.3	18.9	12.9	1	\$484	41.0	49.9	61.1	58.5
Channel	3116R2X	RRX	3.1	MR	ACi	52.6	35.8	18.3	13.0	1	\$484	39.8	53.1	53.2	64.2
Steyer	3806XR	RRX	3.8	MR	SStd	52.5	35.7	19.3	13.1	2	\$483	45.1	45.0	60.9	58.8
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	52.5	35.0	19.3	13.2	2	\$483	37.4	53.5	58.2	61.0
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi	52.4	35.0	19.6	12.9	1	\$482	40.0	50.7	56.4	62.3
Mycogen	5N312R2	RR2Y	3.1	R	CCB	52.4	35.3	18.6	13.1	2	\$482	40.7	49.1	63.9	56.0
Pioneer	P35T58R §	RR	3.5	R	EE,G	52.2	33.6	20.4	12.9	1	\$480	45.6	46.9	56.6	59.5
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	51.8	34.9	19.1	13.6	2	\$476	40.8	48.1	59.0	59.2
Steyer	2805R2	RR2Y	2.8	MR	SStd	51.7	35.1	19.7	13.2	1	\$475	38.3	51.3	55.1	62.0
Chemgro	C3750R2X	RRX	3.7	R	ACi	51.6	35.9	19.4	13.1	1	\$475	43.0	48.8	57.0	57.7
Mid-Atlantic	MAS3516NRR2	RR2Y	3.5	MR	ACi	51.6	35.5	18.9	13.5	2	\$474	41.0	52.4	58.2	54.8
TA Seeds	TS3759R2	RR2Y	3.7	R	TE	51.5	36.3	18.3	12.7	2	\$474	36.3	52.8	60.9	55.8
Mycogen	5N343R2	RR2Y	3.4	R	CCB	51.3	35.3	18.9	12.7	1	\$472	39.1	47.1	62.8	56.2
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	51.3	35.1	19.2	12.9	3	\$472	40.2	48.0	58.2	58.6
TA Seeds	TS2849R2S	RR2Y,ST	2.8	MR	TE	51.2	36.1	18.4	12.9	1	\$471	36.7	40.9	65.3	61.9
Mycogen	5N332R2	RR2Y	3.3	R	CCB	51.2	34.3	19.9	12.6	2	\$471	40.5	46.0	60.2	58.1
Channel	3617R2X	RRX	3.6	R	ACi	51.1	35.2	19.1	13.4	1	\$470	41.1	51.4	53.8	58.0
Mycogen	5N387R2	RR2Y	3.8	R	CCB	50.9	33.7	20.1	13.8	0	\$467	40.6	52.3	55.2	55.5

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Averages =	51.4	35.1	19.2	13.0	1	\$473	40.5	48.3	58.3	58.5
LSD (0.10) =	3.7	0.6	0.4	0.5	1		4.7	6.0	6.7	5.4
LSD (0.25) =	2.6	0.4	0.3	0.4	1		3.3	4.2	4.7	3.7

Previous years average yield for region, 53.9 bu/a, 11 yrs

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.020

Prices = \$9.20 GMO; \$9.20 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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Protein and oil content results added

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. 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*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaicho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.