

2016 Soybean Top 30 Harvest Report
 Pennsylvania Southeast [PASE] STATE COLLEGE
 Carl Gates, Centre County, PA 16877



PREV. CROP/HERB: Corn / Lumax, atrazine
 SOIL DESCRIPTION: Hublersburg silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 3.1 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Credit Extra
 SEEDING - RATE - ROW: Jun 13 175,000 /A 15" Spacing
 HARVESTED - STAND: Nov 7 154,700 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2016PASE08

Top 30 of 42
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Doeblers	RPM DB3517R [^]	RR	3.5	R	DPHB	68.5	11.6	1	158.0	\$643
Channel	3116R2X	RRX	3.1	MR	ACi	64.2	11.8	2	164.9	\$603
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI	63.7	11.8	2	160.3	\$598
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi	62.3	11.4	2	162.6	\$585
Hubner	H35-16R2	RR2Y	3.5	R	ACi	62.3	11.7	2	160.3	\$585
Channel	3417R2X	RRX	3.4	R	ACi	62.2	12.1	2	158.0	\$584
Steyer	2805R2	RR2Y	2.8	MR	SStd	62.0	12.0	2	155.7	\$582
TA Seeds	TS2849R2S	RR2Y,ST	2.8	MR	TE	61.9	11.9	2	155.7	\$581
Doeblers	RPM DB3315RR [^]	RR	3.3	R	DPHB	61.5	11.2	1	162.6	\$577
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	61.0	11.9	3	158.0	\$573
Pioneer	P31T77R §	RR	3.1	R	None	60.6	11.8	1	155.7	\$569
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	60.3	11.4	4	162.6	\$566
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	60.0	11.9	1	153.3	\$563
TA Seeds	TS3169R2	RR2Y	3.1	MR	TE	59.9	12.0	5	158.0	\$562
Channel	3416R2X	RRX	3.4	R	ACi	59.8	11.9	2	158.0	\$562
Pioneer	P35T58R §	RR	3.5	R	EE,G	59.5	11.6	2	151.0	\$559
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	59.2	12.1	6	104.5	\$556
Channel	3017R2X	RRX	3.0	R	ACi	59.1	11.9	2	158.0	\$555
Doeblers	RPM DB3817R [^]	RR	3.8	R	DPHB	59.0	11.4	1	151.0	\$554
Steyer	3806XR	RRX	3.8	MR	SStd	58.8	12.0	5	151.0	\$552
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	58.6	11.8	6	160.3	\$550
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi	58.5	12.0	3	160.3	\$549
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi	58.3	11.7	2	153.3	\$547
Mycogen	5N332R2	RR2Y	3.3	R	CCB	58.1	11.6	3	160.3	\$546
Channel	3617R2X	RRX	3.6	R	ACi	58.0	12.3	3	162.6	\$545
Chemgro	C3750R2X	RRX	3.7	R	ACi	57.7	11.8	3	158.0	\$542
Hubner	H32-13R2	RR2Y	3.2	MR	ACi	56.4	12.1	4	155.7	\$530
Mycogen	5N343R2	RR2Y	3.4	R	CCB	56.2	11.5	2	158.0	\$528
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi	56.1	12.2	6	151.0	\$527
Mycogen	5N312R2	RR2Y	3.1	R	CCB	56.0	12.0	4	153.3	\$526

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Averages =	58.5	11.8	3	154.7	\$549
LSD (0.10) =	5.4	0.3	3		
LSD (0.25) =	3.7	0.2	2		
C.V. =	6.7			Prev. years avg. yield, 54.3 bu/a, 2 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.39 GMO; \$9.39 non-GMO

TEST COMMENTS: *Emergence and early growth was good. Carl reported that rainfall was timely, a few July showers kept soybeans growing nicely and late August showers helped fill pods. Bean size was average with little purple stain. Overall rating test is 7 of 10. (10=best)*

† 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: 11/08/2016 Revised:

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG3034 §	RR2Y	3.0	R	ACi						
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi						
Asgrow	AG3832 §	RR2Y	3.8	R	ACi						
Channel	3017R2X	RRX	3.0	R	ACi						
Channel	3116R2X	RRX	3.1	MR	ACi						
Channel	3416R2X	RRX	3.4	R	ACi						
Channel	3417R2X	RRX	3.4	R	ACi						
Channel	3617R2X	RRX	3.6	R	ACi						
Chemgro	C3346R2	RR2Y	3.3	R	En						
Chemgro	C3449R2	RR2Y	3.4	R	En						
Chemgro	C3750R2X	RRX	3.7	R	ACi						
Doeblers	RPM DB3315RR^	RR	3.3	R	DPHB						
Doeblers	RPM DB3517R^	RR	3.5	R	DPHB						
Doeblers	RPM DB3817R^	RR	3.8	R	DPHB						
Hubner	H32-13R2	RR2Y	3.2	MR	ACi						
Hubner	H35-16R2	RR2Y	3.5	R	ACi						
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi						
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi						
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi						
Mid-Atlantic	MAS3516NRR2	RR2Y	3.5	MR	ACi						
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi						
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi						
Mycogen	5N312R2	RR2Y	3.1	R	CCB						
Mycogen	5N332R2	RR2Y	3.3	R	CCB						
Mycogen	5N343R2	RR2Y	3.4	R	CCB						
Mycogen	5N387R2	RR2Y	3.8	R	CCB						
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me						
NK Brand	S36-Y6 §	RR2Y,ST	3.6	R	CCB,Me						
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me						
Pioneer	92Y51 §	RR	2.5	R	EE,G						
Pioneer	P31T77R §	RR	3.1	R	None						
Pioneer	P35T58R §	RR	3.5	R	EE,G						
Steyer	2805R2	RR2Y	2.8	MR	SStd						
Steyer	3003XR	RRX	3.0	MR	SStd						
Steyer	3408XR	RRX	3.4	MR	SStd						
Steyer	3806XR	RRX	3.8	MR	SStd						
Stine	32RF02 §	RR2Y	3.2	R	SFI						
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI						
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI						
TA Seeds	TS2849R2S	RR2Y,ST	2.8	MR	TE						
TA Seeds	TS3169R2	RR2Y	3.1	MR	TE						
TA Seeds	TS3759R2	RR2Y	3.7	R	TE						

Footnotes and Abbreviation Descriptions

Brand Footnotes

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

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.