

2016 Soybean Top 30 Harvest Report
 Pennsylvania Southeast [PASE] HANOVER
 Dan Winters, Adams County, PA 17331



PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Conestoga silt loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 5.2 pH, 3.1 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: paraquat, Credit Extra
 SEEDED - RATE - ROW: Jun 11 175,000 /A 15" Spacing
 HARVESTED - STAND: Oct 12 155,700 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2016PASE06

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
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	47.4	15.0	2	148.7	\$428
Pioneer	P35T58R §	RR	3.5	R	EE,G	45.6	14.3	0	160.3	\$412
Steyer	3806XR	RRX	3.8	MR	SStd	45.1	14.2	0	146.4	\$408
Doebbers	RPM DB3817R^	RR	3.8	R	DPHB	44.0	13.5	0	158.0	\$398
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi	43.1	14.5	0	153.3	\$389
Chemgro	C3750R2X	RRX	3.7	R	ACi	43.0	14.1	0	160.3	\$389
Asgrow	AG3034 §	RR2Y	3.0	R	ACi	43.0	14.0	0	167.3	\$389
TA Seeds	TS3169R2	RR2Y	3.1	MR	TE	42.9	13.9	0	158.0	\$388
Hubner	H35-16R2	RR2Y	3.5	R	ACi	42.6	13.8	1	151.0	\$385
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	42.5	14.1	0	146.4	\$384
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	42.3	14.2	0	151.0	\$382
Doebbers	RPM DB3517R^	RR	3.5	R	DPHB	42.1	13.9	0	153.3	\$381
Channel	3617R2X	RRX	3.6	R	ACi	41.1	14.5	0	158.0	\$371
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi	41.0	14.3	0	164.9	\$370
Mid-Atlantic	MAS3516NRR2	RR2Y	3.5	MR	ACi	41.0	14.9	1	151.0	\$370
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	40.8	14.7	0	148.7	\$368
Mycogen	5N312R2	RR2Y	3.1	R	CCB	40.7	14.0	0	160.3	\$368
Mycogen	5N387R2	RR2Y	3.8	R	CCB	40.6	14.5	0	146.4	\$367
Mycogen	5N332R2	RR2Y	3.3	R	CCB	40.5	13.8	2	158.0	\$366
Channel	3417R2X	RRX	3.4	R	ACi	40.4	14.4	0	160.3	\$365
Doebbers	RPM DB3315RR^	RR	3.3	R	DPHB	40.2	13.6	0	158.0	\$364
NK Brand	S36-Y6 §	RR2Y,ST	3.6	R	CCB,Me	40.2	14.4	0	158.0	\$363
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	40.2	14.4	2	148.7	\$363
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi	40.0	13.9	0	153.3	\$362
Channel	3116R2X	RRX	3.1	MR	ACi	39.8	14.2	0	151.0	\$360
Chemgro	C3449R2	RR2Y	3.4	R	En	39.7	13.9	1	155.7	\$359
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi	39.6	13.9	0	162.6	\$358
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI	39.6	15.1	0	151.0	\$357
Channel	3416R2X	RRX	3.4	R	ACi	39.4	14.1	0	155.7	\$356
Steyer	3408XR	RRX	3.4	MR	SStd	39.2	13.8	0	155.7	\$355

Robin Kauffman

Rob Kauffman
 rkmaits@aol.com, (717) 413-0763

Averages =	40.5	14.2	1	155.7	\$366
LSD (0.10) =	4.7	0.6	1		
LSD (0.25) =	3.3	0.4	1		
C.V. =	8.5				

Prev. years avg. yield, 51.5 bu/a, 10 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.06 GMO; \$9.06 non-GMO

TEST COMMENTS: *Good emergence over the entire plot. Rainfall was good until Mid-June. However, the months of July and August were hot and dry. Bean size was very small. Overall rating of the plot 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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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.