

2016 Soybean Top 30 Harvest Report
 Pennsylvania Southeast [PASE] NORTHUMBERLAND
 Scott Shoop, Northumberland County, PA 17847



PREV. CROP/HERB: Corn / glyphosate, Capreno, atrazine
 SOIL DESCRIPTION: Bedington silt loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 5.8 pH, 3 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate
 SEEDING - RATE - ROW: Jun 9 175,000 /A 15" Spacing
 HARVESTED - STAND: Oct 15 146,900 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2016PASE05

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	66.7	17.1	3	151.0	\$602
Pioneer	P31T77R §	RR	3.1	R	None	66.1	15.1	0	151.0	\$599
TA Seeds	TS2849R2S	RR2Y,ST	2.8	MR	TE	65.3	15.4	1	148.7	\$591
Mycogen	5N312R2	RR2Y	3.1	R	CCB	63.9	15.2	2	141.7	\$579
Mycogen	5N343R2	RR2Y	3.4	R	CCB	62.8	15.0	0	148.7	\$569
Hubner	H32-13R2	RR2Y	3.2	MR	ACi	62.7	14.8	2	141.7	\$568
Asgrow	AG3334 §	RR2Y	3.3	MR	ACi	61.1	14.7	1	144.0	\$554
TA Seeds	TS3759R2	RR2Y	3.7	R	TE	60.9	14.9	0	141.7	\$552
Steyer	3806XR	RRX	3.8	MR	SStd	60.9	15.1	1	153.3	\$552
Mycogen	5N332R2	RR2Y	3.3	R	CCB	60.2	14.4	1	144.0	\$546
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI	60.0	15.5	0	148.7	\$543
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	59.8	14.8	0	139.4	\$542
Doebblers	RPM DB3315RR^	RR	3.3	R	DPHB	59.6	14.2	1	141.7	\$541
Chemgro	C3346R2	RR2Y	3.3	R	En	59.5	14.5	1	144.0	\$540
TA Seeds	TS3169R2	RR2Y	3.1	MR	TE	59.3	15.4	0	139.4	\$537
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	59.0	16.3	1	146.4	\$533
Channel	3416R2X	RRX	3.4	R	ACi	58.9	15.0	0	153.3	\$534
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi	58.8	17.2	1	160.3	\$530
Doebblers	RPM DB3517R^	RR	3.5	R	DPHB	58.6	14.3	0	146.4	\$532
Steyer	3003XR	RRX	3.0	MR	SStd	58.3	14.5	1	144.0	\$529
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	58.2	14.8	3	144.0	\$528
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	58.2	15.0	0	144.0	\$527
Mid-Atlantic	MAS3516NRR2	RR2Y	3.5	MR	ACi	58.2	15.8	3	155.7	\$526
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	57.8	15.7	1	144.0	\$523
Asgrow	AG3034 §	RR2Y	3.0	R	ACi	57.2	14.9	0	151.0	\$518
Chemgro	C3750R2X	RRX	3.7	R	ACi	57.0	15.3	1	155.7	\$516
Doebblers	RPM DB3817R^	RR	3.8	R	DPHB	56.9	14.7	0	148.7	\$516
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi	56.6	14.3	0	137.1	\$514
Pioneer	P35T58R §	RR	3.5	R	EE,G	56.6	15.0	1	148.7	\$513
Steyer	3408XR	RRX	3.4	MR	SStd	56.3	14.1	1	132.4	\$511

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Averages =	58.3	15.1	1	146.9	\$528
LSD (0.10) =	6.7	0.6	1		
LSD (0.25) =	4.7	0.4	1		
C.V. =	8.5			Prev. years avg. yield, 57.0 bu/a, 3 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.10 GMO; \$9.10 non-GMO

TEST COMMENTS: *Wet soil conditions after planting hurt the emergence of some varieties. Rainfall for June was good but July and August were slightly below normal. Standability was generally good for all varieties and bean size was average with very little purple stain. Overall test rating 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: 10/17/2016 Revised:

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. 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*

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.