

2017 Soybean Top 30 Harvest Report
 Pennsylvania Southeast [PASE] HANOVER
 Dan Winters, Adams County, PA 17331



PREV. CROP/HERB: Corn / Enville,
 SOIL DESCRIPTION: Silty clay loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.3 pH, 2.7% OM, 7.4 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate, Raptor
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 10 165,000 /A 30" Spacing
 HARVESTED - STAND: Dec 8 159,700 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2017PASE06

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
T.A. Seeds	TS2849R2S	RR2Y,ST	2.8	MR	54.4	13.3	6	166.1	\$503	1
Asgrow	AG36X6 §	RRX	3.6	R	54.3	13.7	2	158.0	\$502	2
Bayer	CZ3841LL	LL	3.8	R	54.1	13.7	6	160.3	\$500	3
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	53.2	12.9	3	155.7	\$492	4
Hubner	H38-37R2X	RRX	3.8	R	52.5	13.9	5	160.3	\$485	5
Hubner	H35-27R2X	RRX	3.5	R	52.1	12.1	4	155.7	\$482	6
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	51.7	14.1	7	160.3	\$477	7
Asgrow	AG38X8 §	RRX	3.8	R	51.6	13.0	7	155.7	\$477	8
Stine	29RI32 §	RR2Y	2.9	R	51.2	13.1	4	149.8	\$473	9
Channel	3417R2X	RRX	3.4	R	51.2	13.4	5	161.5	\$473	10
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	50.5	13.7	7	163.8	\$466	11
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	50.3	14.0	7	156.8	\$464	12
Bayer	CZ3443LL	LL	3.4	MR	49.0	12.9	4	160.3	\$453	13
Doebler	RPM DB3517R^	RR	3.5	R	48.5	13.8	2	160.3	\$448	14
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	48.2	13.8	5	159.1	\$445	15
Stine	38RE02 §	RR2Y,ST	3.8	R	48.1	13.4	7	163.8	\$445	16
Doebler	RPM DB3817R^	RR	3.8	R	47.6	13.4	5	155.7	\$440	17
Chemgro	C3346R2	RR2Y	3.3	R	46.6	12.8	6	162.6	\$431	18
Bayer	CZ3548LL	LL	3.5	MR	46.6	14.0	1	160.3	\$430	19
Bayer	CZ3738LL	LL	3.7	MR	45.9	13.7	3	160.3	\$424	20
Channel	3318R2X	RRX	3.3	R	45.7	13.1	4	160.3	\$423	21
NK Brand	S35-K9X §	RRX	3.5	R	44.8	12.7	2	155.7	\$414	22
Stine	28RH02 §	RR2Y	2.8	R	44.6	13.2	5	163.8	\$412	23
Channel	3116R2X	RRX	3.1	MR	44.0	13.3	2	163.8	\$407	24
NK Brand	S29-K3X §	RRX	2.9	R	43.8	13.2	4	160.3	\$405	25
Hubner	H32-13R2	RR2Y	3.2	MR	43.7	14.2	6	161.5	\$403	26
Bayer	CZ3233LL	LL	3.2	R	43.4	14.2	5	156.8	\$400	27
Doebler	RPM 33R8^	RR	3.3	R	42.9	13.3	4	147.5	\$397	28
T.A. Seeds	TS3169R2	RR2Y	3.1	MR	42.8	12.7	4	156.8	\$396	29
Doebler	RPM 30R8^	RR	3.0	R	42.8	13.1	6	162.6	\$396	30

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Averages =	46.7	13.5	5	159.7	\$432
LSD (0.10) =	4.8	ns	ns		
LSD (0.25) =	2.5	ns	ns		
C.V. =	9.8				

Prev. years avg. yield, 47.9 bu/a, 11 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.25 GMO; \$9.25 non-GMO

TEST COMMENTS: Plot had a few weed escapes, marestail and pigweed, but generally did not have a big impact on yield differences. Emergence and stands were good and rainfall for the summer was above average. Overall rating of this plot is a 7 out 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.

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

* Seed treatments may include unspecified plant health promoting components.