

2017 Soybean Top 30 Harvest Report
 Pennsylvania Southeast [PASE] MARTINSBURG
 Marcus Martin, Blair County, PA 16662



PREV. CROP/HERB: Corn / Accuron
 SOIL DESCRIPTION: Silt loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.7 pH, 3.9% OM, 10.3 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Envive, Zidua, Raptor, Quadris
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 12 165,000 /A 30" Spacing
 HARVESTED - STAND: Dec 2 159,200 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2017PASE07

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
Doeblers	RPM 30R8 [^]	RR	3.0	R	56.5	13.4	1	160.3	\$524	1
Doeblers	RPM DB2817R [^]	RR	2.8	R	54.6	13.4	1	161.5	\$507	2
Asgrow	AG38X8 §	RRX	3.8	R	49.5	13.7	6	160.3	\$459	3
Bayer	CZ3443LL	LL	3.4	MR	48.5	13.5	5	162.6	\$450	4
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	48.0	13.5	6	154.5	\$445	5
T.A. Seeds	TS3169R2	RR2Y	3.1	MR	48.0	13.9	6	156.8	\$445	6
T.A. Seeds	TS2849R2S	RR2Y,ST	2.8	MR	46.7	13.7	7	158.0	\$433	7
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	44.4	14.2	11	166.1	\$411	8
Asgrow	AG36X6 §	RRX	3.6	R	43.6	13.3	2	158.0	\$405	9
Hubner	H35-27R2X	RRX	3.5	R	43.2	13.6	6	159.1	\$401	10
NK Brand	S37-H5X §	RRX	3.7	R	42.4	13.9	14	163.8	\$393	11
NK Brand	S35-K9X §	RRX	3.5	R	42.2	13.8	1	162.6	\$391	12
Asgrow	AG30X6 §	RRX	3.0	MR	41.8	13.8	3	160.3	\$388	13
Channel	3517R2X	RRX	3.5	MR	41.6	13.7	7	159.1	\$386	14
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	41.2	14.0	11	158.0	\$382	15
Chemgro	C3751RXS	RRX,ST	3.7	R	41.1	13.7	14	159.1	\$381	16
Bayer	CZ3841LL	LL	3.8	R	40.5	13.8	11	158.0	\$376	17
Hubner	H38-37R2X	RRX	3.8	R	40.0	13.9	10	160.3	\$371	18
Bayer	CZ3548LL	LL	3.5	MR	39.7	13.4	4	154.5	\$368	19
Channel	3417R2X	RRX	3.4	R	39.2	13.7	5	153.3	\$364	20
Channel	3116R2X	RRX	3.1	MR	38.9	13.6	3	162.6	\$361	21
NK Brand	S29-K3X §	RRX	2.9	R	38.6	13.8	3	166.1	\$358	22
Stine	29RI32 §	RR2Y	2.9	R	38.5	13.8	4	153.3	\$357	23
Stine	38RE02 §	RR2Y,ST	3.8	R	38.2	15.5	10	164.9	\$353	25
Doeblers	RPM 33R8 [^]	RR	3.3	R	38.1	13.5	2	160.3	\$354	24
Bayer	CZ3233LL	LL	3.2	R	37.9	13.6	6	154.5	\$352	26
Hubner	H32-13R2	RR2Y	3.2	MR	37.8	13.8	6	161.5	\$351	27
Doeblers	RPM DB3817R [^]	RR	3.8	R	36.8	14.0	1	160.3	\$341	28
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	36.2	14.0	11	158.0	\$336	29
Stine	28RH02 §	RR2Y	2.8	R	35.5	13.5	2	159.1	\$329	30

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Averages =	40.4	13.8	6	159.2	\$374
LSD (0.10) =	7.0	ns	0.7		
LSD (0.25) =	3.7	ns	0.4		
C.V. =	16.4				

Prev. years avg. yield, 56.4 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.29 GMO; \$9.29 non-GMO

TEST COMMENTS: *Plot looked great from planting to early July when most varieties were chest high, However, white mold set in and was evident then. What should have been a great variety yield trial turned into a white mold resistant study. Grain samples of all varieties had white mold sclerotia present, just at different degree levels.*

† 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: 12/04/2017 Revised:

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.