

2017 Soybean Top 30 Harvest Report

Pennsylvania Southeast [PASE] NORTHUMBERLAND
Scott Shoop, Northumberland County, PA 17847



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Sandy loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Very high P, high K, 6.6 pH, 2.9% OM, 8.4 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Envive, Raptor
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 13 165,000 /A 30" Spacing
HARVESTED - STAND: Nov 30 159,400 /A

All-Season Test
Maturity Group 2.8 - 3.8
S2017PASE08

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
Mid-Atlantic	MAS3674RR2/STS/EX	RRX,ST	3.6	MR	61.9	11.2	6	164.9	\$570	1
Doebblers	RPM DB3817R^	RR	3.8	R	59.3	11.8	2	153.3	\$546	2
NK Brand	S35-K9X §	RRX	3.5	R	58.9	11.4	1	159.1	\$542	3
T.A. Seeds	TS2849R2S	RR2Y,ST	2.8	MR	58.9	12.0	7	154.5	\$542	4
Doebblers	RPM 30R8^	RR	3.0	R	58.6	11.8	4	160.3	\$540	5
Doebblers	RPM DB2817R^	RR	2.8	R	57.9	11.4	2	161.5	\$533	6
Channel	3318R2X	RRX	3.3	R	57.8	11.9	7	160.3	\$532	7
Bayer	CZ3841LL	LL	3.8	R	57.4	12.0	11	160.3	\$529	8
Chemgro	C3751RXS	RRX,ST	3.7	R	56.4	11.9	7	160.3	\$519	9
Bayer	CZ3548LL	LL	3.5	MR	56.3	11.6	3	154.5	\$519	10
Hubner	H35-27R2X	RRX	3.5	R	56.3	11.5	4	159.1	\$519	11
Stine	28RH02 §	RR2Y	2.8	R	56.3	11.4	6	161.5	\$519	12
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5	MR	56.0	11.4	9	156.8	\$516	13
Asgrow	AG38X8 §	RRX	3.8	R	54.5	11.8	4	162.6	\$502	14
NK Brand	S29-K3X §	RRX	2.9	R	54.4	11.8	3	158.0	\$501	15
Doebblers	RPM DB3517R^	RR	3.5	R	53.9	11.6	1	161.5	\$496	16
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	53.7	12.1	7	164.9	\$495	17
Hubner	H30-27R2X	RRX	3.0	R	53.3	11.9	7	163.8	\$491	18
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	53.0	11.9	9	153.3	\$488	19
Channel	3116R2X	RRX	3.1	MR	52.3	11.4	6	167.3	\$482	20
Channel	3417R2X	RRX	3.4	R	52.1	12.2	7	151.0	\$480	21
T.A. Seeds	TS3169R2	RR2Y	3.1	MR	51.6	11.4	7	160.3	\$475	22
Hubner	H38-37R2X	RRX	3.8	R	51.0	12.1	7	160.3	\$470	23
Chemgro	C3346R2	RR2Y	3.3	R	50.7	11.7	10	161.5	\$467	24
Asgrow	AG36X6 §	RRX	3.6	R	50.6	11.4	4	153.3	\$466	25
Asgrow	AG30X6 §	RRX	3.0	MR	50.3	11.9	4	158.0	\$463	26
Hubner	H32-13R2	RR2Y	3.2	MR	50.1	11.4	4	154.5	\$461	27
Channel	3517R2X	RRX	3.5	MR	50.0	12.0	7	162.6	\$461	28
Stine	38RE02 §	RR2Y,ST	3.8	R	49.8	12.1	11	161.5	\$459	29
Stine	29RI32 §	RR2Y	2.9	R	49.7	11.9	12	160.3	\$458	30

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Averages = **53.1** **11.8** **6** **159.4** **\$489**
LSD (0.10) = 5.4 ns 3.4
LSD (0.25) = 2.8 ns 1.8
C.V. = 9.6

Prev. years avg. yield, 54.9 bu/a, 4 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.21 GMO; \$9.21 non-GMO

TEST COMMENTS: Above average rainfall for most of the summer, except for a dry spell in late August to early September. Just an occasional pigweed in the test, but overall weed control was excellent. Plot looked good right through harvest. Overall rating of the plot is an 8 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.

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Report Date: 12/01/2017 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.