2017 Soybean Top 30 Harvest Report

Pennsylvania Southeast [PASE] HANOVER Dan Winters, Adams County, PA 17331

Dec 8

PREV. CROP/HERB: Corn / Envive,

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-til

PEST MANAGEMENT: glyphosate, Raptor

APPLIED N-P-K (units): 0-0-0

HARVESTED - STAND:

SEEDED - RATE - ROW: Jun 10 165,000 /A 30" Spacing

159,700 /A

farmers' independent research of seed technologies

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

All-Season Test Maturity Group 2.8 - 3.8

S2017PASE06

Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (3) Replications

THURSTED STAND	200 0 100,70								. , .	
				SCN	1 Yield 1	Moisture		Stand	Gross Ir	
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	♥ Bu/A ♥	%	%	(x 1000)	\$/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
Doeblers	RPM DB3517R^	RR	3.5	R	48.5	13.8	2	160.3	\$448	14
Mid-Atlantic	MAS3674RR2/STS/E	X 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
Doeblers	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
Doeblers	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
Doeblers	RPM 30R8 [^]	RR	3.0	R	42.8	13.1	6	162.6	\$396	30
Robin K	auffman			erages =	46.7	13.5	5	159.7	\$432	
	10			(0.10) =	4.8	ns	ns			
Rob Kauffman	747) 440 0700		LSD	(0.25) =	2.5	ns	ns		-1 47 0 1	/- 11 ·
rkmaits@aol.com, (717) 413-0763				C.V. =	9.8		Prev. ye	ars avg. yiel	a, 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.

Additional reports available at **www.firstseedtests.com** Report Date: 12/11/2017 Revised: ©2017, all rights reserved by Elite Field Genetics, LLC



2017 Soybean - Pennsylvania Southeast [PASE]

All-Season Test Products (36 Total)

row AG36X6 § RRX 3.6 R ACi row AG38X8 § RRX 3.8 R ACi er CZ3233LL LL 3.2 R EE,IL,PV er CZ3443LL LL 3.4 MR EE,IL,PV er CZ3548LL LL 3.5 MR EE,IL,PV er CZ3738LL LL 3.7 MR EE,IL,PV er CZ3841LL LL 3.8 R EE,IL,PV innel 3116R2X RRX 3.1 MR ACi innel 3318R2X RRX 3.3 R ACi innel 3417R2X RRX 3.4 R ACi innel 3517R2X RRX 3.5 MR ACi
Asgrow AG36X6 § RRX 3.6 R ACi Asgrow AG38X8 § RRX 3.8 R ACi Bayer CZ3233LL LL 3.2 R EE,IL,PV Bayer CZ3443LL LL 3.4 MR EE,IL,PV Bayer CZ3548LL LL 3.5 MR EE,IL,PV Bayer CZ3738LL LL 3.7 MR EE,IL,PV Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Asgrow AG38X8 § RRX 3.8 R ACi Bayer CZ3233LL LL 3.2 R EE,IL,PV Bayer CZ3443LL LL 3.4 MR EE,IL,PV Bayer CZ3548LL LL 3.5 MR EE,IL,PV Bayer CZ3738LL LL 3.7 MR EE,IL,PV Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Bayer CZ3233LL LL 3.2 R EE,IL,PV Bayer CZ3443LL LL 3.4 MR EE,IL,PV Bayer CZ3548LL LL 3.5 MR EE,IL,PV Bayer CZ3738LL LL 3.7 MR EE,IL,PV Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Bayer CZ3443LL LL 3.4 MR EE,IL,PV Bayer CZ3548LL LL 3.5 MR EE,IL,PV Bayer CZ3738LL LL 3.7 MR EE,IL,PV Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Bayer CZ3548LL LL 3.5 MR EE,IL,PV Bayer CZ3738LL LL 3.7 MR EE,IL,PV Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Bayer CZ3738LL LL 3.7 MR EE,IL,PV Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Bayer CZ3841LL LL 3.8 R EE,IL,PV Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Channel 3116R2X RRX 3.1 MR ACi Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Channel 3318R2X RRX 3.3 R ACi Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Channel 3417R2X RRX 3.4 R ACi Channel 3517R2X RRX 3.5 MR ACi
Channel 3517R2X RRX 3.5 MR ACi
Chemgro C3346R2 RR2Y 3.3 R En
Chemgro C3751RXS RRX,ST 3.7 R None
Doeblers RPM 30R8 [^] RR 3.0 R DPHB,IL
Doeblers RPM 33R8 [^] RR 3.3 R DPHB,IL
Doeblers RPM DB2817R^ RR 2.8 R DPHB
Doeblers RPM DB3517R^ RR 3.5 R DPHB
Doeblers RPM DB3817R^ RR 3.8 R DPHB
Hubner H30-27R2X RRX 3.0 R AC,PV
Hubner H32-13R2 RR2Y 3.2 MR AC,PV
Hubner H38-37R2X RRX 3.8 R AC,PV
Mid-Atlantic MAS3500EXPT/GT BG 3.5 MR PS
Mid-Atlantic MAS3516RR2 RR2Y 3.5 MR PS
Mid-Atlantic MAS3674RR2/STS/E>RRX,ST 3.6 MR PS
Mid-Atlantic MAS3817RR2 RR2Y 3.8 MR PS
Mid-Atlantic MAS3889RR2/STS RR2Y,ST 3.8 R PS
NK Brand S29-K3X § RRX 2.9 R CCB,Me
NK Brand S35-K9X § RRX 3.5 R CCB,Me
NK Brand S37-H5X § RRX 3.7 R CCB,Me
Stine 28RH02 § RR2Y 2.8 R SFI
Stine 29RI32 § RR2Y 2.9 R SFI
Stine 38RE02 § RR2Y,ST 3.8 R SFI
T.A. Seeds TS2849R2S RR2Y,ST 2.8 MR TE
T.A. Seeds TS3169R2 RR2Y 3.1 MR TE
13. 30000 13010012 10121 0.1 WIN 12



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. 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

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
Cl	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	Gaucho [®]	YPP	YP Pro™

^{*} Seed treatments may include unspecified plant health promoting components.