### 2014 Soybean Top 30 Harvest Report

Pennsylvania Southeast [ PASE ] STATE COLLEGE Carl Gates, Centre County, PA 16877



PREV. CROP/HERB: Corn

SOIL DESCRIPTION: Silty clay loam, mod. well drained, non-irrigated SOIL CONDITIONS:

Mod. Low P, moderate K, 5.5 pH, 3.6 % OM No-till

TILLAGE/CULTIVATION: PEST MANAGEMENT: Credit Extra

**All-Season Test** 

2.8 - 3.8 Day RM S2014PASE07

Top 24 of 24

SEEDED - RATE - ROW: May 30 180,000 /A 15" Spacing For Gross Income (Sorted by Yield) HARVESTED - STAND: Oct 30 176,900 /A Average of (3) Replications

				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	Trmt.†	♦ Bu/A ♦	%	%	(x 1000)	Income
Hubner	H37-14R2SR	RR2Y,ST	3.70	MR	AC,PV	70.7	12.7	16	189.8	\$708
Asgrow	AG3034 GC	RR2Y	3.00	R	ACi	69.8	9.8	2	210.7	\$699
Hubner	H32-13R2	RR2Y	3.20	R	AC,PV	68.8	10.3	7	170.4	\$689
TA Seeds	TS3759R2	RR2Y	3.70	R	AVB	68.7	10.9	7	182.0	\$688
Hubner	H34-15R2	RR2Y	3.40	R	AC,PV	68.4	10.5	30	174.2	\$685
Asgrow	AG3334 GC	RR2Y	3.30	MR	ACi	68.2	10.1	2	178.1	\$683
Mycogen	5N342R2	RR2Y	3.40	R	CCB	67.7	10.3	6	193.6	\$678
TA Seeds	TS3449R2	RR2Y	3.40	R	AVB	67.5	9.9	2	174.2	\$676
TA Seeds	TS3159R2	RR2Y	3.10	R	AVB	67.3	9.8	4	170.3	\$674
Mycogen	5N312R2	RR2Y	3.10	R	CCB	66.4	10.0	7	166.5	\$665
TA Seeds	TS2849R2S	RR2Y,ST	2.80	R	AVB	65.7	10.2	7	162.6	\$658
Dyna-Gro	S35RY83	RR2Y	3.50	R	CMBV	65.5	9.9	3	182.0	\$656
Doeblers	RPM DB3315RR^	RR	3.30	R	EE,G	65.4	9.8	2	178.1	\$655
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	MR	PS	64.9	12.7	7	170.4	\$650
Dyna-Gro	S29RY05	RR2Y	2.90	R	CMBV	64.1	10.0	9	166.5	\$642
Mid-Atlantic	MAS3113NRR2	RR2Y	3.10	MR	PS	63.9	10.3	9	185.9	\$640
Doeblers	RPM DB2812RR^	RR	2.80	R	EE,G	63.7	10.1	1	158.8	\$638
Pioneer	P35T58R2 GC	RR	3.50	R	EE,G	63.1	10.6	30	166.5	\$632
Mid-Atlantic	MAS3889NRR2/S1	RR2Y,ST	3.80	MR	PS	62.7	12.7	25	178.1	\$628
Mid-Atlantic	MAS3689NRR2	RR2Y	3.60	MR	PS	61.0	10.7	20	170.3	\$611
Hubner	H42-13R2	RR2Y	4.20	R	AC,PV	61.0	14.4	11	174.2	\$610
Pioneer	P34T07R2 GC	RR2Y	3.40	MR	EE,G	60.7	11.1	10	185.9	\$608
Mycogen	5N385R2	RR2Y	3.80	R	CCB	59.3	12.1	19	182.0	\$594
Dyna-Gro	S36RY24	RR2Y	3.60	R	CMBV	57.4	11.4	29	174.2	\$575
rows below are intentionally blank										

00:11	/ //	Test Average =	65.1	10.8	11	176.9	\$652
Kovin K	auffmon	LSD(0.10) =	4.9	0.6	10		
Rob Kauffman	•	LSD(0.25) =	3.4	0.4	7		
rkmaits@aol.com, (717	7) 413-0763	C.V. =	5.5	4.2			
Yield & Income Factors	Base Moisture = 13.0%	Shrink = 1.3	Drying =	\$0.020	Price = -	\$10.02	GMO
TICIU & IIICUIIIE FACIUIS	Dase Moisture = 13.0 /6	311111K = 1.3	Diying -			\$10.02	Non-GMO

**TEST COMMENTS:** Soybeans got off to a good start. The spring weather was cool and wet. Summer was almost the same on the verge of too much rainfall at times. Without an early frost, the beans continued to set pods through September. Late blooming beans were small and difficult to thresh cleanly. Overall rating of this test is 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.



# **All-Season Test Products (24 Total)**

`omnany/Rran	nd Product/Brand	Technol.	Mat	SCN	Seed Trt
Asgrow	AG3034 GC	RR2Y	3.00	R	ACi
Asgrow	AG3034 GC AG3334 GC	RR2Y	3.30		ACi
Doeblers	RPM DB2812RR <sup>^</sup>	RR	2.80	R	EE,G
Doeblers	RPM DB3315RR^	RR	3.30	R	EE,G
Dyna-Gro	S29RY05	RR2Y	2.90	R	CMBV
Dyna-Gro	S35RY83	RR2Y	3.50	R	CMBV
Dyna-Gro	S36RY24	RR2Y	3.60	R	CMBV
Hubner	H32-13R2	RR2Y	3.20	R	AC,PV
Hubner	H34-15R2	RR2Y	3.40		AC,PV
Hubner	H37-14R2SR	RR2Y,ST	3.70		AC,PV
	H42-13R2		4.20		AC,PV AC,PV
Hubner Mid Atlantia		RR2Y			
Mid-Atlantic	MAS3113NRR2	RR2Y	3.10	MR	
Mid-Atlantic	MAS3689NRR2	RR2Y	3.60	MR	
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	MR	
Mid-Atlantic	MAS3889NRR2/STS		3.80	MR	
Mycogen	5N312R2	RR2Y	3.10	R	CCB
Mycogen	5N342R2	RR2Y	3.40	R	CCB
Mycogen	5N385R2	RR2Y	3.80	R	CCB
Pioneer	P34T07R2 GC	RR2Y	3.40	MR	EE,G
Pioneer	P35T58R2 GC	RR	3.50	R	EE,G
TA Seeds	TS2849R2S	RR2Y,ST	2.80	R	AVB
TA Seeds	TS3159R2	RR2Y	3.10	R	AVB
TA Seeds	TS3449R2	RR2Y	3.40	R	AVB
TA Seeds	TS3759R2	RR2Y	3.70	R	AVB
İ					
I					



# **Footnotes and Abbreviation Descriptions**

#### **Brand Footnotes**

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids,
	Inc. 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® and Phoenix® brand seed
	are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL®
	are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
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				
RR	Roundup Ready® Soybeans				
RR2Y	Genuity® Roundup Ready 2 Yield®				
ST	Sulfonylurea herbicide tolerant				

### Soybean Cyst Nematode (SCN) Resistance Rating

	oojaoan ojot nomatous (oon) nooletaning					
S	susceptible					
MR	moderate resistance					
R	resistant					
n/a	info unavailable					

## Soybean Seed Treatments\*

Information not provided	DST	Dominance ST
Allegience®	EE	Evergol™ Energy
Acceleron® fungicide products	G	Gaucho®
Acceleron® fungicide and insecticide products	I	Inovate <sup>™</sup> System
ApronMaxx®	М	Maxim®
Apron XL®	None	untreated
Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
Cruiser®	PV	Poncho®/Votivo®
Clariva Complete Beans	SS+	Soyshield Plus™
CruiserMaxx® Beans	Т	Trilex®
CruiserMaxx® Beans with Vibrance		
	Allegience® Acceleron® fungicide products Acceleron® fungicide and insecticide products ApronMaxx® Apron XL® Avicta® Complete Beans Cruiser® Clariva Complete Beans CruiserMaxx® Beans	Allegience® EE Acceleron® fungicide products G Acceleron® fungicide and insecticide products I ApronMaxx® M Apron XL® None Avicta® Complete Beans PS Cruiser® PV Clariva Complete Beans SS+ CruiserMaxx® Beans T

<sup>\*</sup> Seed treatments may include unspecified plant health promoting components.