

Test by: M.A.I.T.S. Mount Joy, PA

## 2019 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] MARTINSBURG, PA  
Marcus Martin, Blair County, PA 16673

<b>All-Season Test</b>	2.8 - 3.8 Day CRM S2019PASE07
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Glyphosate, Prowl Atrazine, Capreno
<b>SOIL DESCRIPTION:</b>	silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.3 pH, 2.9% OM, 7.0 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Envive, Glyphosate, Mustang Max
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 6 165.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 11 111.3 /A

### TEST COMMENTS:

*Planting conditions were a little tough. Soil was hard and depth control had to be watched. Soil moisture was good and emergence was good. White mold was evident in seed samples, disease came in late and infected only the most susceptible, visually they all looked good in early August. Overall rating of the plot is a 8 out of 10. (10=best)*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	<b>65.8</b>	13.1	3	118.5	546	1
NK BRAND	S35-K9X	RRX	3.5	R	<b>64.9</b>	13.1	1	112.7	539	2
HUBNER	H29-19R2X	RRX	2.9	R	<b>64.1</b>	13.3	1	104.5	532	3
SEED CONSULTANTS	SC 8279X	RRX	2.7	R	<b>63.3</b>	13.1	2	106.8	525	4
PIONEER	P26A61X	RRX	2.6	R	<b>63.2</b>	13.1	1	120.8	524	5
PIONEER	P29A61X	RRX	2.9	n/a	61.8	13.7	1	118.5	512	6
CREDENZ	CZ 2889GTLL	LG27	2.8	MR	61.3	13.0	2	122.0	509	7
ASGROW	AG36X6	RRX	3.6	R	60.4	13.4	1	111.5	501	8
PIONEER	P33A24X	RRX	3.3	R	60.2	13.1	2	123.1	500	9
HUBNER	H35-27R2X	RRX	3.5	R	59.7	13.3	2	111.5	495	10
SEED CONSULTANTS	SC 8358X	RRX	3.5	R	59.6	13.0	1	99.9	495	11
CREDENZ	CZ 3309GTLL	LG27	3.3	R	59.5	13.2	3	117.3	494	12
MID-ATLANTIC	MAS3600E3/STS	E3	3.6	n/a	59.4	13.5	3	105.7	492	13
CHEMGRO	C3751RXS	RRX,ST	3.7	R	59.0	13.4	6	110.3	489	14
CREDENZ	CZ3480GTLL	LG27	3.4	R	58.6	13.9	3	94.1	485	15
CREDENZ	CZ 3100GTLL	LG27	3.1	MR	58.2	13.2	2	120.8	483	16
ASGROW	AG31X0	RRX	3.1	R	58.2	12.9	1	97.6	483	17
LOCAL SEED CO.	LS3976X	RRX	3.9	R	58.1	13.3	3	120.8	482	18
ASGROW	AG38X8	RRX	3.8	R	58.1	13.5	1	108.0	482	19
CREDENZ	CZ 3660GTLL	LG27	3.6	MR	58.1	14.0	2	116.2	481	20
STINE	29EA23	E3	2.9	R	57.2	13.3	3	104.5	474	21
HUBNER	H36-28R2X	RRX	3.6	R	55.9	13.5	2	123.2	463	22
HUBNER	H32-29R2X	RRX	3.2	R	55.7	13.2	1	115.0	462	23
MID-ATLANTIC	MAS3419GT/LL	LG27	3.4	n/a	55.7	13.4	3	101.1	462	24
LOCAL SEED CO.	ZS3797GL	LG27	3.7	R	55.3	13.8	2	124.3	458	25
LOCAL SEED CO.	ZS3399E3	E3	3.3	R	55.1	13.7	1	97.6	457	26
NK BRAND	S27-M8X	RRX	2.7	R	54.9	12.9	2	122.0	456	27
CREDENZ	CZ 3099GTLL	LG27	3.0	R	54.8	13.4	4	113.8	454	28
LOCAL SEED CO.	ZS3496GL	LG27	3.4	R	54.6	13.7	1	111.5	452	29
SEED CONSULTANTS	SC 9339R	RR	3.3	R	53.4	13.7	2	94.1	443	30

*Robin Kauffman*

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Averages =	<b>57.5</b>	<b>13.4</b>	<b>2</b>	<b>111.3</b>	<b>477</b>
LSD (0.10) =	4.5	0.3	1		
LSD (0.25) =	2.4	0.2	1		
C.V. =	7.4				

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.30

Report Date: 11/14/2019

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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## 2019 Soybeans - Pennsylvania Southeast [ PASE ]

### All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG31X0	RRX	R	3.1
ASGROW	AG36X6	RRX	R	3.6
ASGROW	AG38X8	RRX	R	3.8
CHEMGRO	C3552GL	LG27	R	3.5
CHEMGRO	C3751RXS	RRX,ST	R	3.7
CHEMGRO	C3753E	E3	R	3.7
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
CREDENZ	CZ 3099GTLL	LG27	R	3.0
CREDENZ	CZ 3100GTLL	LG27	MR	3.1
CREDENZ	CZ 3309GTLL	LG27	R	3.3
CREDENZ	CZ3480GTLL	LG27	R	3.4
CREDENZ	CZ 3519GTLL	LG27	MR	3.5
CREDENZ	CZ 3660GTLL	LG27	MR	3.6
HUBNER	H29-19R2X	RRX	R	2.9
HUBNER	H32-29R2X	RRX	R	3.2
HUBNER	H34-37R2X	RRX	R	3.4
HUBNER	H35-27R2X	RRX	R	3.5
HUBNER	H36-28R2X	RRX	R	3.6
LOCAL SEED CO.	LS3976X	RRX	R	3.9
LOCAL SEED CO.	ZS3399E3	E3	R	3.3
LOCAL SEED CO.	ZS3496GL	LG27	R	3.4
LOCAL SEED CO.	ZS3797GL	LG27	R	3.7
LOCAL SEED CO.	ZS3898E3S	E3,ST	R	3.8
MID-ATLANTIC	MAS3419GT/LL	LG27	NA	3.4
MID-ATLANTIC	MAS3600E3/STS	E3	NA	3.6
NK BRAND	S27-M8X	RRX	R	2.7
NK BRAND	S35-K9X	RRX	R	3.5
NK BRAND	S39-G2X	RRX	R	3.9
PIONEER	P26A61X	RRX	R	2.6
PIONEER	P29A61X	RRX	NA	2.9
PIONEER	P33A24X	RRX	R	3.3
SEED CONSULTANTS	SC 8279X	RRX	R	2.7
SEED CONSULTANTS	SC 8358X	RRX	R	3.5
SEED CONSULTANTS	SC 9339R	RR	R	3.3
STINE	29EA23	E3	R	2.9
STINE	36EA02	E3	R	3.6

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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 Cyst Nematode (SCN) Resistance Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist E3™
LG27 or G27	LibertyLink® GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

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