

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

## 2020 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] MOUNT JOY, PA  
Curt & Mike Buckwalter, Lancaster County, PA

<b>All-Season Test</b>	2.8 - 3.8 Day CRM S2020PASE05
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Halex Gt, Atrazine
<b>SOIL DESCRIPTION:</b>	silty clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.5 pH, 3.0% OM, 8.3 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	May 19 165.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 9 133.7 /A

### TEST COMMENTS:

*Planted early in no-till corn, stands were good and emergence was excellent. Soybeans seemed to handle the dry weeks of the summer, and when the rains did come they were able to get good pod set. Some varieties were over three feet tall and some lodging was evident. Soybean size and quality were excellent. The overall rating of the plot is 9 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
MID-ATLANTIC	MAS3220E3	E3	3.2	NA	<b>101.7</b>	10.9	6	111.3	1023	1
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	<b>98.7</b>	10.0	14	132.0	993	2
CREDENZ	CZ 3660GTLL	LLGT27	3.6	R	<b>98.6</b>	10.4	14	141.3	992	3
CHEMGRO	C3354E	E3	3.3	NA	<b>97.5</b>	10.7	10	118.3	981	4
PIONEER	P28T14E §	E3	2.8	R	<b>97.4</b>	9.8	7	125.0	980	5
CHEMGRO	C3152RX	RRX	3.1	NA	<b>95.2</b>	10.0	10	120.3	958	6
NK BRAND	S35-K9X §	RRX	3.5	R	<b>94.9</b>	9.2	2	134.3	955	7
NK BRAND	S37-2E3S	E3,ST	3.7	MR	<b>94.4</b>	10.5	16	146.0	950	8
SEED CONSULTANTS	SC 7381E	E3	3.8	NA	94.3	10.1	10	127.3	949	9
PIONEER	P31T64E §	E3	3.1	NA	93.9	9.4	17	139.0	945	10
SEED CONSULTANTS	SC 7361E	E3	3.6	NA	93.6	10.3	14	132.0	942	11
STINE	37EC20 §	E3	3.7	R	93.5	10.4	10	146.0	941	12
SEEDWAY	3393	E3	3.3	MR	93.3	9.9	14	127.3	939	13
LG SEEDS	LGS3202RX GC	RRX	3.2	NA	93.2	9.7	34	148.3	938	14
SEED CONSULTANTS	SC 7280E	E3	2.8	NA	93.0	10.0	7	134.3	936	15
LG SEEDS	LGS3777RX GC	RRX	3.7	R	93.0	9.6	41	132.0	936	16
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	92.5	10.3	6	129.7	931	17
SEED CONSULTANTS	SC 7311E	E3	3.1	NA	92.2	10.3	11	134.3	928	18
NK BRAND	S33-D7X §	RRX	3.3	R	91.9	10.3	32	125.0	925	19
SEEDWAY	3445	RRX	3.4	R	91.3	10.2	4	136.7	918	20
PIONEER	P32T26E §	E3	3.2	NA	91.1	10.3	20	129.7	916	21
LOCAL SEED	LS3005E3	E3	3.0	R	90.6	9.3	4	113.7	911	22
LOCAL SEED	ZS3496GL	LLGT27	3.4	R	90.2	10.2	5	146.0	907	23
HUBNER	H36-28R2X	RRX	3.6	R	89.9	10.6	13	146.0	904	24
MID-ATLANTIC	MAS3600E3/STS	E3	3.6	n/a	89.2	10.9	12	141.3	897	25
ASGROW	AG33X0 §	RRX	3.3	R	89.0	9.9	6	132.0	895	26
SEED CONSULTANTS	SC 7341E	E3	3.4	NA	88.5	10.3	6	143.7	890	27
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	88.5	10.5	14	104.7	890	28
ASGROW	AG38X8 §	RRX	3.8	R	88.2	9.5	13	146.0	887	29
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	88.1	10.4	5	146.0	886	30

*Robin Kauffman*

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rkmait@aol.com, (717) 413-0763

Averages = **89.3** **10.2** **13** **133.7** **898**

LSD (0.10) = 5.1 0.7 11

LSD (0.25) = 2.7 0.3 6

C.V. = 5.4

Historic yield: 51.2 bu/a, 3 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.06

Report Date: 10/10/2020

† 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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## 2020 Soybeans - Pennsylvania Southeast [ PASE ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
ASGROW	AG33X0 §	RRX	R	3.3	AC
ASGROW	AG37X0 §	RRX	R	3.7	AC
ASGROW	AG38X8 §	RRX	R	3.8	AC
CHEMGRO	C3152RX	RRX	NA	3.1	En
CHEMGRO	C3354E	E3	NA	3.3	Untreated
CHEMGRO	C3751RXS	RRX,ST	R	3.7	En
CHEMGRO	C3753E	E3	R	3.7	En
CREDENZ	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
CREDENZ	CZ 2830GTLL	LLGT27	R	2.8	PV,IL,OB
CREDENZ	CZ 2910GTLL	LLGT27	R	2.9	PV,IL,OB
CREDENZ	CZ 3099GTLL	LLGT27	R	3.0	PV,IL,OB
CREDENZ	CZ 3309GTLL	LLGT27	R	3.3	PV,IL,OB
CREDENZ	CZ 3519GTLL	LLGT27	MR	3.5	PV,IL,OB
CREDENZ	CZ 3660GTLL	LLGT27	R	3.6	PV,IL,OB
CREDENZ	CZ 3750GTLL	LLGT27	R	3.7	PV,IL,OB
HUBNER	H29-19R2X	RRX	R	2.9	AC
HUBNER	H32-29R2X	RRX	R	3.2	AC
HUBNER	H33-40R2X	RRX	R	3.3	AC
HUBNER	H35-27R2X	RRX	R	3.5	AC
HUBNER	H36-28R2X	RRX	R	3.6	AC
JACOBSEN	J3817GT GC	GT	R	3.8	EcTC
LG SEEDS	C2888RX GC	RRX	R	2.8	ASfi,IL
LG SEEDS	LGS3202RX GC	RRX	NA	3.2	ASfi,IL
LG SEEDS	LGS3777RX GC	RRX	R	3.7	ASfi,IL
LOCAL SEED	LS3005E3	E3	R	3.0	RP
LOCAL SEED	LS3205GL	LLGT27	R	3.2	RP
LOCAL SEED	LS3207XS	RRX,ST	R	3.2	RP
LOCAL SEED	LS3606GL	LLGT27	R	3.6	RP
LOCAL SEED	ZS2898GL	LLGT27	R	2.8	RP
LOCAL SEED	ZS3496GL	LLGT27	R	3.4	RP
LOCAL SEED	ZS3898E3S	E3	R	3.8	RP
MID-ATLANTIC	MAS2920E3	E3	NA	2.9	PS
MID-ATLANTIC	MAS3220E3	E3	NA	3.2	PS
MID-ATLANTIC	MAS3600E3/STS	E3	NA	3.6	PS
MID-ATLANTIC	MAS3717GT	E3	NA	3.7	PS
NK BRAND	S27-M8X §	RRX	R	2.7	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
NK BRAND	S33-D7X §	RRX	R	3.3	CMBV,SA
NK BRAND	S35-K9X §	RRX	R	3.5	CMBV,SA
NK BRAND	S37-2E3S	E3,ST	MR	3.7	CMBV,SA
PIONEER	P28T14E §	E3	R	2.8	Lum,IL
PIONEER	P31T64E §	E3	NA	3.1	Lum,IL
PIONEER	P32T26E §	E3	NA	3.2	Lum,IL
SEED CONSULTANTS	SC 7280E	E3	NA	2.8	Lum,IL
SEED CONSULTANTS	SC 7311E	E3	NA	3.1	Lum,IL
SEED CONSULTANTS	SC 7341E	E3	NA	3.4	Lum,IL
SEED CONSULTANTS	SC 7361E	E3	NA	3.6	Lum,IL
SEED CONSULTANTS	SC 7381E	E3	NA	3.8	Lum,IL
SEEDWAY	2832	RRX	R	2.8	AC
SEEDWAY	3393	E3	MR	3.3	AC
SEEDWAY	3445	RRX	R	3.4	AC
SEEDWAY	3566	RRX	MR	3.5	AC
STINE	33EC02 §	E3	R	3.3	VFI,SA
STINE	36EB32 §	E3	R	3.6	VFI,SA
STINE	37EC20 §	E3	R	3.7	VFI,SA

## 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
GT	Agrisure® GT
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*\*

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NA	Not Available
AC	Acceleron® treatment
ASfi,IL	AgriShield F+I, ILeVO, inoculant
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EcTC	Eclipse US Total Coverage Trio IM, N-Force
En	Encase, Excalibre-SA™
Lum,IL	LumiGEN™ plus ILeVO
PS	MAS Pro-Shield
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
RP	Radius Premium (Local Seed Co)
Untreated	No seed treatment
VF1,SA	Virile Fungicide+Insecticide, Saltro (BCS Consulting)

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\*\* Seed treatments may include unspecified plant health promoting components.