

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

2019 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] MARIETTA, PA
Lancaster County, PA

All-Season Test	2.8 - 3.8 Day CRM S2019PASE06
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn/Barley / NA
SOIL DESCRIPTION:	Duffield silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.5 pH, 2.8% OM, 10.2 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Mustangmax, Glyphosate
Applied N-P-K (units):	42-32-48
SEEDED - RATE - ROW:	Jun 24 165.0 /A 15" spacing
HARVESTED - STAND:	Nov 4 148.2 /A

TEST COMMENTS:

Double crop soybeans after barley harvest. Good soil moisture at planting helped with good stands and emergence. Above average rainfall through out most of the summer, did turn dry late August into September so bean size was smaller than normal. Overall rating of the plot was 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	75.5	12.2	1	155.7	642	1
MID-ATLANTIC	MAS3600E3/STS	E3	3.6	n/a	75.2	12.8	1	155.6	639	2
CREDENZ	CZ 3100GTLL	LG27	3.1	MR	74.4	11.7	1	146.4	632	3
CREDENZ	CZ 3660GTLL	LG27	3.6	MR	73.8	12.3	1	155.6	627	4
PIONEER	P33A24X	RRX	3.3	R	73.7	12.4	1	146.4	626	5
LOCAL SEED CO.	LS3976X	RRX	3.9	R	73.2	11.9	1	153.3	622	6
CREDENZ	CZ3480GTLL	LG27	3.4	R	72.8	12.4	1	144.0	619	7
HUBNER	H35-27R2X	RRX	3.5	R	72.1	12.2	1	153.3	613	8
HUBNER	H36-28R2X	RRX	3.6	R	71.4	12.2	1	151.0	607	9
LOCAL SEED CO.	ZS3898E3S	E3,ST	3.8	R	71.3	12.4	1	146.4	606	10
LOCAL SEED CO.	ZS3496GL	LG27	3.4	R	71.1	12.6	1	144.0	604	11
ASGROW	AG36X6	RRX	3.6	R	70.7	12.1	1	141.7	601	12
CHEMGRO	C3751RXS	RRX,ST	3.7	R	70.5	12.0	1	148.7	599	13
STINE	36EA02	E3	3.6	R	69.6	12.1	1	151.0	592	14
LOCAL SEED CO.	ZS3399E3	E3	3.3	R	69.6	12.3	1	153.3	592	15
NK BRAND	S35-K9X	RRX	3.5	R	69.5	12.2	1	151.0	591	16
LOCAL SEED CO.	ZS3797GL	LG27	3.7	R	69.4	12.5	1	144.0	590	17
SEED CONSULTANTS	SC 9339R	RR	3.3	R	69.4	12.7	1	151.0	590	18
CREDENZ	CZ 3309GTLL	LG27	3.3	R	69.4	12.4	1	160.3	590	19
CHEMGRO	C3552GL	LG27	3.5	R	69.2	12.5	1	146.4	588	20
CREDENZ	CZ 3099GTLL	LG27	3.0	R	69.2	12.4	1	151.0	588	21
MID-ATLANTIC	MAS3419GT/LL	LG27	3.4	n/a	69.0	12.3	1	144.0	586	22
ASGROW	AG38X8	RRX	3.8	R	68.9	12.3	1	153.3	586	23
SEED CONSULTANTS	SC 8279X	RRX	2.7	R	68.0	12.5	1	148.7	578	24
HUBNER	H29-19R2X	RRX	2.9	R	66.1	12.5	1	144.0	562	25
HUBNER	H34-37R2X	RRX	3.4	R	65.9	12.5	1	158.0	560	26
NK BRAND	S39-G2X	RRX	3.9	R	65.8	12.6	1	148.7	559	27
PIONEER	P29A61X	RRX	2.9	n/a	64.8	12.4	1	146.4	551	28
ASGROW	AG31X0	RRX	3.1	R	63.5	12.0	1	132.4	540	29
SEED CONSULTANTS	SC 8358X	RRX	3.5	R	63.4	12.2	1	134.8	539	30

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Averages =	68.4	12.3	1	148.2	581
LSD (0.10) =	3.9	0.2	ns		
LSD (0.25) =	2.0	0.1	ns		
C.V. =	5.4				

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.50

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

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

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

Soybeans Technologies*

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
