

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

2020 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] MARTINSBURG, PA
Jim Smith, Blair County, PA 16662

All-Season Test	2.8 - 3.8 Day CRM S2020PASE08
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Atrazine, Capreno
SOIL DESCRIPTION:	silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 6.1 pH, 3.9% OM, 13.9 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Glyphosate
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 1 165.0 /A 15" spacing
HARVESTED - STAND:	Nov 20 155.9 /A

TEST COMMENTS:

Good planting conditions for excellent emergence and early growth. Rainfall for late May and all of June was extremely dry. A few showers came in mid-July and again in August but they were far apart. Soybeans did seem to handle the drought as well as could be expected. Harvest went well, most soybeans were standing well with very little shattering. Soybean size was good due to the later rains in September with no purple stain. The overall rating of this plot is an 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
SEEDWAY	2832	RRX	2.8	R	66.8	11.8	2	167.0	723	1
SEED CONSULTANTS	SC 7280E	E3	2.8	NA	65.1	11.3	2	169.3	704	2
LG SEEDS	C2888RX GC	RRX	2.8	R	65.1	11.7	5	162.3	704	3
NK BRAND	S27-M8X §	RRX	2.7	R	64.7	11.7	3	160.0	700	4
CHEMGRO	C3354E	E3	3.3	NA	64.7	12.3	1	155.3	700	5
MID-ATLANTIC	MAS3220E3	E3	3.2	NA	64.6	12.1	2	155.3	699	6
PIONEER	P28T14E §	E3	2.8	R	64.3	11.1	1	150.7	696	7
SEED CONSULTANTS	SC 7311E	E3	3.1	NA	63.8	11.9	5	162.3	690	8
LOCAL SEED	LS3005E3	E3	3.0	R	63.6	11.4	3	169.3	688	9
SEEDWAY	3393	E3	3.3	MR	63.5	12.1	2	155.3	687	10
LG SEEDS	LGS3202RX GC	RRX	3.2	NA	63.3	12.1	2	153.0	685	11
HUBNER	H29-19R2X	RRX	2.9	R	63.1	11.6	4	162.3	683	12
PIONEER	P31T64E §	E3	3.1	NA	62.4	11.9	3	146.0	675	13
HUBNER	H35-27R2X	RRX	3.5	R	62.4	12.3	1	162.3	675	14
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	62.4	12.4	2	150.7	675	15
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	62.4	11.5	1	160.0	675	16
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	62.1	11.7	2	153.0	672	17
LOCAL SEED	ZS3496GL	LLGT27	3.4	R	61.9	12.1	1	150.7	670	18
MID-ATLANTIC	MAS2920E3	E3	2.9	NA	61.1	11.4	3	160.0	661	19
CHEMGRO	C3751RXS	RRX,ST	3.7	R	60.2	11.9	7	146.0	651	20
PIONEER	P32T26E §	E3	3.2	NA	60.1	11.9	2	155.3	650	21
CREDENZ	CZ 3660GTLL	LLGT27	3.6	R	60.1	12.3	2	164.7	650	22
LOCAL SEED	LS3205GL	LLGT27	3.2	R	60.0	12.2	3	160.0	649	23
SEED CONSULTANTS	SC 7341E	E3	3.4	NA	59.9	12.0	2	160.0	648	24
STINE	37EC20 §	E3	3.7	R	59.4	12.5	1	150.7	643	25
LG SEEDS	LGS3777RX GC	RRX	3.7	R	59.4	11.8	4	148.3	643	26
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	59.4	12.2	2	160.0	643	27
NK BRAND	S35-K9X §	RRX	3.5	R	59.3	11.5	2	150.7	642	28
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	59.3	11.6	3	155.3	642	29
LOCAL SEED	LS3207XS	RRX,ST	3.2	R	58.9	12.2	1	155.3	637	30

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Averages = **59.5** **11.9** **2** **155.9** **643**

LSD (0.10) = 4.3 0.3 2

LSD (0.25) = 2.3 0.2 1

C.V. = 6.9

Historic yield: 55.7 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.82

Report Date: 11/21/2020

† 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

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

Soybeans Seed Treatments**

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
VFI,SA	Virile Fungicide+Insecticide, Saltro (BCS Consulting)

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