

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

2020 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] DUNCANNON, PA
Glenn Ebersole, Perry County, PA

All-Season Test	2.8 - 3.8 Day CRM S2020PASE07
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Acuron
SOIL DESCRIPTION:	silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.9 pH, 3.5% OM, 8.2 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Credit Extra
Applied N-P-K (units):	84-92-68
SEEDED - RATE - ROW:	May 27 165.0 /A 15" spacing
HARVESTED - STAND:	Nov 21 175.5 /A

TEST COMMENTS:

Crop started well and had good emergence with adequate soil moisture to start. Rainfall for most of the summer was very limited, and air temperatures were above average as well. The crop suffered through June and July. August was a little better with a heavy rain in late August. Most soybean varieties reached only two feet tall and bean size was very small. Some varieties did shatter before harvest. The overall rating of the plot is a 6 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 3660GTLL	LLGT27	3.6	R	67.8	12.7	2	181.0	735	1
SEEDWAY	3393	E3	3.3	MR	67.3	12.4	1	185.7	730	2
LG SEEDS	LGS3777RX GC	RRX	3.7	R	66.6	12.7	2	176.3	722	3
SEEDWAY	2832	RRX	2.8	R	66.2	11.7	2	178.7	718	4
STINE	33EC02 §	E3	3.3	R	65.8	12.8	1	174.0	713	5
CHEMGRO	C3354E	E3	3.3	NA	64.9	12.5	1	174.0	704	6
CHEMGRO	C3152RX	RRX	3.1	NA	64.9	12.5	3	171.7	704	7
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	64.3	12.0	1	167.0	697	8
SEED CONSULTANTS	SC 7311E	E3	3.1	NA	63.8	12.3	2	178.7	692	9
SEED CONSULTANTS	SC 7381E	E3	3.8	NA	63.5	12.2	1	167.0	688	10
SEED CONSULTANTS	SC 7341E	E3	3.4	NA	63.3	12.2	1	178.7	686	11
NK BRAND	S35-K9X §	RRX	3.5	R	63.1	12.3	2	174.0	684	12
LOCAL SEED	ZS3496GL	LLGT27	3.4	R	63.0	12.5	1	176.3	683	13
HUBNER	H36-28R2X	RRX	3.6	R	63.0	12.5	2	171.7	683	14
ASGROW	AG33X0 §	RRX	3.3	R	62.9	12.4	1	183.3	682	15
MID-ATLANTIC	MAS3220E3	E3	3.2	NA	62.4	12.8	1	167.0	676	16
LOCAL SEED	ZS2898GL	LLGT27	2.8	R	62.4	12.2	1	178.7	676	17
LOCAL SEED	LS3207XS	RRX,ST	3.2	R	62.4	12.4	1	176.3	676	18
CHEMGRO	C3751RXS	RRX,ST	3.7	R	62.2	12.4	1	169.3	674	19
STINE	37EC20 §	E3	3.7	R	61.8	12.3	1	176.3	670	20
NK BRAND	S33-D7X §	RRX	3.3	R	61.8	12.5	4	178.7	670	21
HUBNER	H33-40R2X	RRX	3.3	R	61.6	12.4	2	171.7	668	22
CREDENZ	CZ 3309GTLL	LLGT27	3.3	R	60.9	12.2	2	171.7	660	23
MID-ATLANTIC	MAS3717GT	E3	3.7	NA	60.6	12.2	2	171.7	657	24
MID-ATLANTIC	MAS3600E3/STS	E3	3.6	n/a	60.6	12.7	1	171.7	657	25
NK BRAND	S37-2E3S	E3,ST	3.7	MR	60.4	12.6	1	183.3	655	26
JACOBSEN	J3817GT GC	GT	3.8	R	60.4	11.9	1	183.3	655	27
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	60.2	12.2	2	174.0	653	28
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	60.1	12.9	1	181.0	651	29
PIONEER	P32T26E §	E3	3.2	NA	59.8	12.4	2	171.7	648	30

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Averages = **59.9** **12.3** **1** **175.5** **649**

LSD (0.10) = 5.3 0.3 ns

LSD (0.25) = 2.8 0.2 ns

C.V. = 8.5

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.84

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, Salstro
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, Salstro (BCS Consulting)

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