

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

2020 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] MILTON, PA
Scott Shoop, Northumberland County, PA 17847

All-Season Test	2.8 - 3.8 Day CRM S2020PASE06
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Capreno, Atrazine
SOIL DESCRIPTION:	sandy clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.7 pH, 2.4% OM, 7.9 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Envive, Glyphosate
Applied N-P-K (units):	0-0-250
SEEDED - RATE - ROW:	May 20 165.0 /A 15" spacing
HARVESTED - STAND:	Oct 10 152.0 /A

TEST COMMENTS:

Soil conditions were excellent at planting, and emergence was very uniform. Disease, insect pressure, and weed control were good. Scott commented he thought it was an average year as far as soybean growing conditions where the plot was located. He saw some timely rains that some missed through the summer, still, rain amounts were less than needed to produce a bumper crop. Soybean quality was excellent and test weights were in the low 60's. The overall rating of the 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
HUBNER	H36-28R2X	RRX	3.6	R	79.5	9.1	7	134.3	800	1
PIONEER	P31T64E §	E3	3.1	NA	78.7	8.7	3	157.7	792	2
HUBNER	H35-27R2X	RRX	3.5	R	78.3	8.7	7	139.0	788	3
SEEDWAY	3566	RRX	3.5	MR	77.9	8.8	3	155.3	784	4
PIONEER	P32T26E §	E3	3.2	NA	77.1	8.9	7	160.0	776	5
CHEMGRO	C3753E	E3	3.7	R	76.7	9.3	6	143.7	772	6
HUBNER	H33-40R2X	RRX	3.3	R	76.2	8.4	6	139.0	767	7
CHEMGRO	C3152RX	RRX	3.1	NA	75.1	9.1	10	150.7	756	8
STINE	36EB32 §	E3	3.6	R	74.8	9.2	8	157.7	752	9
LOCAL SEED	LS3205GL	LLGT27	3.2	R	74.2	8.9	1	155.3	746	10
ASGROW	AG33X0 §	RRX	3.3	R	73.9	8.7	5	143.7	743	11
SEED CONSULTANTS	SC 7341E	E3	3.4	NA	73.8	8.5	11	153.0	742	12
SEED CONSULTANTS	SC 7311E	E3	3.1	NA	73.7	8.7	10	150.7	741	13
SEED CONSULTANTS	SC 7280E	E3	2.8	NA	73.6	8.1	2	157.7	740	14
NK BRAND	S37-2E3S	E3,ST	3.7	MR	73.4	9.3	10	157.7	738	15
ASGROW	AG37X0 §	RRX	3.7	R	73.4	8.9	7	141.3	738	16
NK BRAND	S27-M8X §	RRX	2.7	R	73.1	8.1	1	155.3	735	17
CREDENZ	CZ 3519GTLL	LLGT27	3.5	MR	72.8	8.7	7	155.3	732	18
CHEMGRO	C3354E	E3	3.3	NA	72.7	9.0	12	155.3	731	19
HUBNER	H32-29R2X	RRX	3.2	R	72.4	8.7	5	148.3	728	20
NK BRAND	S33-D7X §	RRX	3.3	R	72.1	9.0	8	153.0	725	21
HUBNER	H29-19R2X	RRX	2.9	R	72.0	8.3	1	150.7	724	22
LOCAL SEED	ZS2898GL	LLGT27	2.8	R	71.8	8.7	1	148.3	722	23
ASGROW	AG38X8 §	RRX	3.8	R	71.4	9.0	10	157.7	718	24
LOCAL SEED	LS3606GL	LLGT27	3.6	R	71.3	10.0	12	150.7	717	25
NK BRAND	S35-K9X §	RRX	3.5	R	71.0	8.8	7	153.0	714	26
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	70.8	8.9	2	150.7	712	27
LOCAL SEED	ZS3496GL	LLGT27	3.4	R	70.6	8.9	6	148.3	710	28
LG SEEDS	LGS3777RX GC	RRX	3.7	R	70.6	9.2	9	150.7	710	29
CREDENZ	CZ 3660GTLL	LLGT27	3.6	R	69.9	9.5	7	162.3	703	30

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Averages = **70.3** **8.9** **7** **152.0** **707**

LSD (0.10) = 6.1 0.3 6

LSD (0.25) = 3.2 0.1 3

C.V. = 8.3

Historic yield: new site

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

Report Date: 10/11/2020

Additional reports available at www.firstseedtests.com

† 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	Accelaron® 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.