

# 2021 Soybeans Top 30 Performance Summary for Pennsylvania Southeast [PASE]

## All-Season Test Maturity Group 2.8 - 3.8

Top 30 of 78

S2021PASE

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Duncannon	Martinsburg	Mount Joy	Northumberland
STINE	35EE32 §	E3	3.5	R	<b>80.9</b>	34.2	19.1	14.4	5	941	1	73.3	<b>84.3</b>	<b>92.5</b>	<b>73.5</b>
MID-ATLANTIC	MAS3220E3	E3	3.2	NA	<b>78.5</b>	<b>35.6</b>	19.0	14.4	11	912	2	71.4	79.7	<b>93.6</b>	<b>69.1</b>
SEEDWAY	3393E3	E3	3.3	MR	<b>78.3</b>	<b>35.5</b>	<b>19.6</b>	14.3	8	910	3	<b>78.2</b>	80.2	<b>92.5</b>	62.3
APEX	AE3520	E3	3.5	R	<b>78.1</b>	34.1	19.3	14.5	6	910	4	<b>84.3</b>	79.4	83.0	65.8
GENESIS	G3560E	E3	3.5	R	<b>77.7</b>	34.7	19.0	14.3	7	904	5	<b>78.9</b>	<b>82.5</b>	88.8	60.6
SEED CONSULTANTS	SC 7381E	E3	3.8	NA	<b>77.6</b>	34.9	18.7	13.8	10	903	6	67.3	<b>85.8</b>	<b>89.7</b>	<b>67.6</b>
XITAVO	XO 3861E	E3,ST	3.8	R	<b>76.9</b>	34.8	19.5	13.8	7	894	7	<b>76.8</b>	77.1	<b>97.1</b>	56.6
ZINESTO	Z3101E	E3	3.1	R	<b>76.8</b>	34.9	<b>19.7</b>	14.2	7	893	8	71.3	81.5	<b>91.0</b>	63.5
ZINESTO	Z3602E	E3	3.6	NA	<b>76.8</b>	34.1	19.1	14.4	6	893	9	65.5	<b>88.2</b>	86.3	<b>67.4</b>
XITAVO	XO 3651E	E3	3.6	R	<b>76.1</b>	34.1	<b>19.6</b>	14.2	10	885	10	72.5	81.3	<b>91.5</b>	59.3
LOCAL SEED	IS3715E3	E3	3.7	NA	<b>75.8</b>	33.7	<b>19.7</b>	14.1	7	881	11	67.3	<b>83.9</b>	86.5	65.3
CHEMGRO	C3354E	E3	3.3	NA	75.6	35.1	<b>19.7</b>	14.3	9	879	12	<b>77.5</b>	77.4	87.5	59.9
MID-ATLANTIC	MAS3884GT/LL/STS	LLGT27	3.8	NA	75.4	34.0	18.7	14.5	18	876	13	70.5	81.2	83.7	66.0
ASGROW	AG35XF1 §	RXF	3.5	R	75.2	34.6	19.3	14.0	11	875	14	72.2	<b>85.5</b>	81.7	61.3
NK BRAND	NK37-Z9XF §	RXF	3.7	R	75.0	34.4	18.7	14.1	5	872	15	69.7	<b>83.1</b>	81.3	65.7
SEED CONSULTANTS	SC 7302E	E3	3.0	NA	74.9	34.1	<b>19.9</b>	13.5	12	872	16	<b>76.4</b>	<b>83.6</b>	82.4	57.0
XITAVO	XO 3131E	E3	3.1	R	74.8	34.9	18.9	14.4	14	869	17	66.6	79.3	86.3	<b>66.9</b>
XITAVO	XO 3341E	E3	3.3	R	74.6	35.2	<b>19.6</b>	14.3	10	866	18	69.7	78.0	<b>91.4</b>	59.2
SEEDWAY	3433GTLL	LLGT27	3.4	R	74.5	34.4	18.8	14.4	6	866	19	74.2	78.6	84.2	60.7
ASGROW	AG38XF1 §	RXF	3.8	R	74.2	34.3	18.9	14.0	9	863	20	70.4	79.0	83.4	63.9
HEFTY	H35XF1	RXF	3.5	NA	74.2	33.9	19.2	13.9	8	862	21	67.4	78.8	87.0	63.4
APEX	AE3220	E3	3.2	R	73.9	35.2	19.0	14.6	15	859	22	70.0	77.8	87.9	60.1
NK BRAND	NK37-V4E3S §	E3,ST	3.7	MR	73.9	33.7	19.2	14.1	13	857	24	68.2	81.6	<b>93.2</b>	52.5
CHEMGRO	C3755XF	RXF	3.7	R	73.7	34.5	19.0	13.8	3	859	23	69.0	80.8	77.4	<b>67.6</b>
CHEMGRO	C3655E	E3	3.6	R	73.7	34.9	19.5	14.6	11	855	25	66.8	<b>82.6</b>	85.8	59.5
CREDENZ	CZ 3309GTLL	LLGT27	3.3	R	73.3	34.4	19.4	14.2	9	853	27	<b>75.9</b>	76.7	84.1	56.7
SEED CONSULTANTS	SC 7372E	E3	3.7	NA	73.3	34.9	19.1	13.8	2	854	26	<b>76.3</b>	77.4	80.9	58.7
LOCAL SEED	LS3717XF	RXF	3.7	NA	73.1	34.6	18.9	13.8	4	851	29	74.1	81.4	78.6	58.3
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	73.1	34.6	<b>19.8</b>	14.2	7	852	28	<b>75.9</b>	71.7	81.6	63.1
LOCAL SEED	IS3371E3	E3	3.3	NA	73.0	<b>35.7</b>	19.3	14.3	9	850	30	72.1	79.6	79.8	60.7

*Robin Kauffman*

**Averages = 71.3 34.7 19.2 14.3 11 829 67.1 76.6 81.1 60.5**

LSD (0.10) = 4.3 0.6 0.4 0.3 6 7.4 5.2 8.5 5.9

Rob Kauffman

LSD (0.25) = 2.3 0.3 0.2 0.1 3 3.9 2.7 4.5 3.1

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

Prev. years average yield for region: 58.82 bu/a, 8 yr(s)

**Yield & Income Factors:**

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$11.32

† 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. **§** New! Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2021 Soybeans - Pennsylvania Southeast [ PASE ]

### All-Season Test Products (78 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3420	E3	R	3.4	CMBV,SA
Apex	AE3520	E3	R	3.5	CMBV,SA
Apex	AE3720S	E3,ST	R	3.6	CMBV,SA
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
Chemgro	C3054E	E3	R	3.0	En
Chemgro	C3255XF	RXF	R	3.2	Untreated
Chemgro	C3354E	E3	NA	3.3	En
Chemgro	C3655E	E3	R	3.6	Untreated
Chemgro	C3755XF	RXF	R	3.7	Untreated
Credenz	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
Credenz	CZ 3099GTLL	LLGT27	R	3.1	PV,IL,OB
Credenz	CZ 3309GTLL	LLGT27	R	3.3	PV,IL,OB
Genesis	G2960E	E3	R	2.9	CMBV,SA
Genesis	G3260E	E3	R	3.2	CMBV,SA
Genesis	G3460E	E3	R	3.4	CMBV,SA
Genesis	G3560E	E3	R	3.5	CMBV,SA
Genesis	G3760ES	E3,ST	R	3.7	CMBV,SA
Hefty	H28XF2	RXF	NA	2.8	HCS
Hefty	H29XF1	RXF	NA	2.9	HCS
Hefty	H30XF2	RXF	NA	3.0	HCS
Hefty	H31XF2	RXF	NA	3.1	HCS
Hefty	H32XF2	RXF	NA	3.2	HCS
Hefty	H33XF2	RXF	NA	3.3	HCS
Hefty	H35XF1	RXF	NA	3.5	HCS
Hefty	H36XF2	RXF	NA	3.6	HCS
Hubner	H28-50XF	RXF	R	2.8	AC
Hubner	H29-19R2X	RRX	R	2.9	AC
Hubner	H30-42XF	RXF	R	3.0	AC
Hubner	H34-71XF	RXF	R	3.4	AC
Hubner	H35-31XF	RXF	R	3.5	AC
Local Seed	IS3371E3	E3	NA	3.3	RP
Local Seed	IS3715E3	E3	NA	3.7	RP
Local Seed	LS3019XF	RXF	NA	3.0	RP
Local Seed	LS3717XF	RXF	NA	3.7	RP
Mid-Atlantic	MAS2921E3	E3	NA	2.9	PS
Mid-Atlantic	MAS3021E3	E3	NA	3.0	PS
Mid-Atlantic	MAS3220E3	E3	NA	3.2	PS
Mid-Atlantic	MAS3521E3/STS	E3,ST	NA	3.5	PS

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Mid-Atlantic	MAS3600E3/STS	E3,ST	NA	3.6	PS
Mid-Atlantic	MAS3721E3/STS	E3,ST	NA	3.7	PS
Mid-Atlantic	MAS3884GT/LL/STS	LLGT27	NA	3.8	PS
NK Brand	NK28-T3XF	RXF	R	2.8	CMBV,SA
NK Brand	NK35-J6E3S §	E3,ST	MR	3.5	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK37-Z9XF §	RXF	R	3.7	CMBV,SA
Pioneer	P33A24X §	RRX	R	3.3	Untreated
Pioneer	P36A83X §	RRX	R	3.6	Untreated
Seed Consultants	SC 7302E	E3	NA	3.0	Lum,IL
Seed Consultants	SC 7311E	E3	NA	3.1	Lum,IL
Seed Consultants	SC 7322E	E3	NA	3.2	Lum,IL
Seed Consultants	SC 7341E	E3	NA	3.4	Lum,IL
Seed Consultants	SC 7372E	E3	NA	3.7	Lum,IL
Seed Consultants	SC 7381E	E3	NA	3.8	Lum,IL
Seedway	2832XT	RRX	R	2.8	AC
Seedway	2920E3	E3	R	2.9	AC
Seedway	3393E3	E3	MR	3.3	AC
Seedway	3433GTLL	LLGT27	R	3.4	AC
Stine	28EC32 §	E3	R	2.8	SFI
Stine	35EE32 §	E3	R	3.5	SFI
Stine	36EB32 §	E3	R	3.6	SFI
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB
Zinesto	Z2900E	E3	R	2.9	DST4,SA
Zinesto	Z2902E	E3	NA	2.9	PV,IL
Zinesto	Z3001E	E3	R	3.0	DST4,SA
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA
Zinesto	Z3402E	E3	NA	3.4	DST5
Zinesto	Z3602E	E3	NA	3.6	DST4,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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
AC	Acceleron® unspecified
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV,SA	Cruisermass® Beans, Vibrance®, Salto®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
En	Encase, Excalibre-SA™
HCS	Hefty Complete Soybeans
Lum,IL	LumiGEN™ plus ILeVO
PS	MAS Pro-Shield
PV,IL	Poncho®/Votivo®, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
RP	Radius Premium (Local Seed Co)
SFI	Stine XP F&I
Untreated	No seed treatment

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