

2018 Corn Grain Top 30 Performance Summary for Pennsylvania Southeast [PASE]



All-Season Test

105 - 115 Day CRM

B2018PASE

Top 30 of 42

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Elverson	Kutztown		Lebanon	
				Bu/A ↓	%	%	\$/A	Rank	Hanover	Lancaster	Spring Grove		
Hubner	H6755RCSS	STX,B	114	234.6	21.2	1	893	1	174.8		258.9	253.2	251.4
Dyna-Gro	D52SS63	STX	112	229.0	21.7	0	868	2	192.0		224.5	253.8	245.5
Hubner	H6663RCSS	STX,B	113	228.4	23.1	1	858	5	170.1		230.6	261.2	251.7
Doebler	RPM 5018AM	AM,B	110	225.4	19.9	1	865	3	161.2		236.5	249.1	254.8
Augusta	A4463VT2Pro	VT2P	112	225.0	20.2	2	862	4	188.8		221.6	230.3	259.4
Augusta	A1165VT2ProRIB	VT2P,B	115	223.6	23.1	0	840	11	171.0		231.4	228.5	263.4
Mid-Atlantic	MA8091VT2P	VT2P	109	223.5	21.8	1	847	7	175.0		231.6	240.9	246.3
Dyna-Gro	D55VC45	VT2P	115	222.6	22.7	0	839	12	186.0		222.2	227.0	255.3
Mid-Atlantic	MA8074VT2P	VT2P	107	222.0	19.1	1	856	6	163.4		250.4	230.2	244.0
Mid-Atlantic	MA8132VT2P	VT2P	113	221.4	21.9	0	839	13	180.2		225.2	230.2	250.1
Chemgro	7095RDP	VT2P	110	220.0	20.0	0	844	9	175.1		234.0	223.3	247.4
Viking	42-05	None	105	219.3	19.2	1	845	8	178.0		226.9	247.0	225.2
Chemgro	7185RDP	VT2P,B	111	219.1	20.6	1	837	14	172.6		229.4	235.3	239.0
Doebler	RPM 4219AM	AM	102	217.8	18.6	1	843	10	145.0		253.0	223.2	250.0
Mid-Atlantic	MA8107VT2P	VT2P	110	217.4	20.1	3	833	16	177.2		223.9	229.0	239.4
Local Seed Co.	LC1289VT2P	VT2P,B	112	215.0	21.5	1	816	21	161.7		231.1	221.9	245.1
Hubner	H6394RCSS	STX,B	108	214.8	19.6	1	826	17	166.8		224.3	237.5	230.6
Hubner	H6287RCSS	STX,B	104	214.7	17.8	2	835	15	165.6		238.2	214.7	240.3
Seed Consultants	SCS 1098YHR	OI	109	214.6	21.3	1	816	22	169.0		222.4	224.9	241.9
Local Seed Co.	LC1349VT2P	VT2P,B	113	213.6	21.4	1	812	23	171.2		229.0	211.4	242.9
Chemgro	6875RDP	VT2P,DG,B	108	213.2	19.1	2	822	18	175.9		238.2	215.1	223.4
Doebler	RPM 4919AM	AM	109	212.4	19.0	1	820	19	149.0		238.8	243.4	218.2
Seed Consultants	SCS 1105YHR	OI	110	211.6	18.9	1	817	20	137.2		241.2	214.4	253.6
Seed Consultants	SCS 1158YHR	OI	115	211.0	23.2	0	792	26	144.0		233.8	222.3	243.8
Doebler	RPM 4917AM	AM,B	109	209.6	21.0	1	799	25	151.5		223.1	223.5	240.4
Viking	13-07	None	107	208.2	18.4	2	807	24	181.2		219.4	240.0	192.3
Seed Consultants	SCS 1139AM	AM,B	113	207.3	22.0	1	785	28	137.4		222.6	230.5	238.6
Seed Consultants	SCS 1087YHR	OI	108	205.7	19.5	1	791	27	151.3		235.6	197.8	237.9
Augusta	A1166VT2Pro	VT2P	116	205.4	22.7	3	774	29	167.7		215.1	200.1	238.7
Doebler	RPM 5518AM	AM,B	115	205.4	22.9	1	773	30	150.9		223.5	208.9	238.4

Abandoned - Not in Summary

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Averages =	207.7	21.0	1	792	162.1	225.9	215.6	227.2
LSD (0.10) =	15.9	0.9	ns		15.1	14.4	21.4	23.3
LSD (0.25) =	8.3	0.5	ns		7.9	7.6	11.2	12.2

Previous years average yield for region, 186.7 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.96 GMO; \$3.96 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Revised:

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Augusta	A1165VT2ProRIB	VT2P,B	AC,P1V	115
Augusta	A1166VT2Pro	VT2P	AC,P1V	116
Augusta	A4463VT2Pro	VT2P	AC,P5V	112
Augusta	A4465GT3111	3111	AVC,C5	114
Augusta	A5065GTCBLL	3010	CM,C1	115
Augusta	A5162GT3000	3000GT	CM,C2	112
Augusta	A6664VT2Pro	VT2P	CM,C1	114
Chemgro	6875RDP	VT2P,DG,B	AC,P2	108
Chemgro	7095RDP	VT2P	AC,P2	110
Chemgro	7185RDP	VT2P,B	AC,P2	111
De Dell Seeds	DL 7250	None	MQ	111
Doeblers	RPM 4219AM	AM	MQ,P1V,R	102
Doeblers	RPM 4917AM	AM,B	MQ,P1V,R	109
Doeblers	RPM 4919AM	AM	MQ,P1V,R	109
Doeblers	RPM 5018AM	AM,B	MQ,P1V,R	110
Doeblers	RPM 5518AM	AM,B	MQ,P1V,R	115
Dyna-Gro	D52SS63	STX	AC,P5V	112
Dyna-Gro	D55VC45	VT2P	AC,P5V	115
Hubner	H6287RCSS	STX,B	AC,P5V	104
Hubner	H6394RCSS	STX,B	AC,P5V	108
Hubner	H6663RCSS	STX,B	AC,P5V	113
Hubner	H6755RCSS	STX,B	AC,P5V	114
Local Seed Co.	LC1289VT2P	VT2P,B	CM,C2	112
Local Seed Co.	LC1349VT2P	VT2P,B	CM,C2	113
Local Seed Co.	LC1487	None	CM,C2	114
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110
Mid-Atlantic	MA8132VT2P	VT2P	AC,P2	113
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115
Pioneer	P1422AMXT GC	AMXT,B	MQ,C2,R,Lu	114
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	CM,C2,R	100
Seed Consultants	SCS 1087YHR	OI	MQ,P1V,R	108
Seed Consultants	SCS 1098YHR	OI	MQ,P1V,R	109
Seed Consultants	SCS 1105YHR	OI	MQ,P1V,R	110
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112
Seed Consultants	SCS 1139AM	AM,B	MQ,P1V,R	113
Seed Consultants	SCS 1158YHR	OI	MQ,P1V,R	115
Viking	13-07	None	CM,C2	107
Viking	42-05	None	CM,C2	105
Viking	48-08	None	AC,P5V	108

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Boreer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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