

2017 Corn Grain Top 30 Performance Summary for Pennsylvania Southeast [PASE]



All-Season Test

105 - 115 Day CRM

B2017PASE

Top 30 of 36

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Elverson	Kutztown		Lebanon		
				Bu/A ↓	%	%	\$/A	Rank		Hanover	Lancaster	Spring Grove		
Doeblers	RPM 5018AM^	AM,B	110	264.6	20.6	3	1,005	1		219.5	287.8	295.6	253.3	266.6
Doeblers	RPM 5518AM^	AM,B	115	254.8	23.9	6	947	3		205.0	286.8	296.3	219.9	266.1
Doeblers	RPM 5125AM^	AM,B	111	254.7	21.5	3	962	2		209.3	283.2	269.1	245.7	266.2
Hubner	H6663RCSS	STX,B	113	254.5	25.2	7	938	6		230.4	261.4	259.1	272.6	248.9
Mid-Atlantic	MA8147SS	STX	114	253.0	23.9	6	941	4		226.4	286.5	261.8	249.5	240.7
Mid-Atlantic	MA8091VT2P	VT2P	109	252.0	23.7	7	938	7		217.7	275.4	266.2	266.6	233.9
Mycogen	2C799	STX,B	113	250.7	24.8	3	926	10		218.9	289.6	261.3	254.9	228.8
Dyna-Gro	D55VC45	VT2P	115	249.5	24.9	3	921	11		214.1	264.0	265.9	261.9	241.7
Pioneer	P1197AM GC	AM,B	111	249.3	22.0	8	939	5		226.6	280.9	257.0	230.6	251.5
Dyna-Gro	D52SS63	STX	112	247.8	23.0	10	927	9		224.0	272.9	254.6	266.5	220.8
Viking	42-05	None	105	246.8	21.0	11	935	8		190.8	271.0	256.0	253.7	262.4
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	246.2	23.2	3	920	12		201.3	284.1	240.7	247.9	256.8
Dekalb	DKC61-88RIB GC	VT3P,B	111	241.9	21.1	15	916	13		207.0	250.7	281.0	249.6	221.0
Pioneer	P0843AM GC	AM,B	108	239.9	21.5	13	906	14		169.1	260.6	259.5	262.2	248.0
Augusta	A5162GT3000	3000GT	112	239.8	21.8	13	904	15		207.0	265.9	298.4	192.0	235.9
Hubner	H6755RCSS	STX,B	114	239.2	22.9	19	895	19		200.5	271.6	252.3	254.8	216.6
Doeblers	RPM 4917AM^	AM,B	109	239.1	22.5	14	897	18		213.3	250.0	262.3	242.1	227.8
Hubner	H6394RCSS	STX,B	108	236.4	20.6	6	898	17		191.6	258.5	254.5	240.9	236.6
Mid-Atlantic	MA8152VT2P	VT2P	115	235.6	24.2	10	874	25		225.8	242.4	242.1	236.5	231.2
Dekalb	DKC62-08RIB GC	STX,B	112	235.0	22.5	6	882	21		184.0	264.0	259.2	240.0	227.6
Viking	49-09	None	109	234.9	19.3	13	900	16		197.9	251.9	278.0	248.0	198.8
Augusta	A1161VT2Pro	VT2P	111	234.2	21.2	15	886	20		178.0	260.7	264.4	243.1	225.0
Mid-Atlantic	MA8146VT3P	VT3P	114	233.9	23.9	3	870	27		213.4	262.1	242.3	226.0	225.8
Chemgro	7185RDP	VT2P,B	111	232.4	21.0	5	881	22		200.3	259.9	244.0	228.4	229.5
Augusta	A6664VT2Pro	VT2P	114	232.3	24.9	3	858	29		247.4	243.6	237.0	219.5	213.9
Augusta	A4759GT3111	3111	109	232.0	20.8	6	880	23		197.7	253.4	273.8	208.3	226.9
Chemgro	6875RDD	VT2P,DG,B	108	231.0	20.7	10	877	24		177.0	261.0	249.3	224.8	242.9
Mid-Atlantic	MA8107VT2P	VT2P,B	110	231.0	21.3	20	874	26		200.0	258.1	234.7	241.4	220.7
Mycogen	MY12G35RA	PC,B	112	227.8	21.7	3	859	28		181.4	275.5	251.1	226.5	204.5
Chemgro	7275RDD	VT2P,DG,B	112	226.2	21.3	9	856	30		199.2	256.6	235.2	221.6	218.2

Lost to accidental glyphosate application

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Averages =	238.6	22.3	9	896		201.5	264.2	258.8	236.9	231.3
LSD (0.10) =	9.1	0.5	4			17.0	14.1	22.3	15.7	16.6
LSD (0.25) =	4.8	0.3	2			8.9	7.4	11.7	8.2	8.7

Previous years average yield for region, 180.0 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.94 GMO; \$3.94 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 (36 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Augusta	A1161VT2Pro	VT2P	AC,P5	111
Augusta	A4759GT3111	3111	CM,C2	109
Augusta	A5065	None	AC,P5	115
Augusta	A5162GT3000	3000GT	AVC,C5	112
Augusta	A6664VT2Pro	VT2P	CM,C2	114
Chemgro	6875RDD	VT2P,DG,B	AC,P2	108
Chemgro	7185RDP	VT2P,B	AC,P2	111
Chemgro	7275RDD	VT2P,DG,B	AC,P2	112
Dekalb	DKC61-88RIB GC	VT3P,B	AC,P2	111
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112
Doeblers	RPM 4917AM^	AM,B	MQ,P1V,In	109
Doeblers	RPM 5018AM^	AM,B	MQ,P1V,In	110
Doeblers	RPM 5125AM^	AM,B	MQ,P1V,In	111
Doeblers	RPM 5518AM^	AM,B	MQ,P1V,In	115
Dyna-Gro	D52SS63	STX	AC,P5V	112
Dyna-Gro	D55VC45	VT2P	AC,P5V	115
Hubner	H5490RC3P	VT3P,B	AC,P5V	110
Hubner	H6394RCSS	STX,B	AC,P5V	108
Hubner	H6663RCSS	STX,B	AC,P5V	113
Hubner	H6755RCSS	STX,B	AC,P5V	114
Mid-Atlantic	MA8091VT2P	VT2P	AC,P5V	109
Mid-Atlantic	MA8107VT2P	VT2P,B	AC,P5V	110
Mid-Atlantic	MA8144VT2P	VT2P	AC,P5V	114
Mid-Atlantic	MA8146VT3P	VT3P	AC,P5V	114
Mid-Atlantic	MA8147SS	STX	AC,P5V	114
Mid-Atlantic	MA8152VT2P	VT2P	AC,P5V	115
Mycogen	2C799	STX,B	CM,C5,Vi,In	113
Mycogen	MY12G35RA	PC,B	CM,C5,Vi,In	112
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108
Pioneer	P1197AM GC	AM,B	MQ,C2	111
T. A. Seeds	TA618-22DPRIB	VT2P,B	AVC,C5	110
T. A. Seeds	TA736-22DPRIB	VT2P,B	AVC,C5	113
Viking	13-07	None	CM,C2	107
Viking	42-05	None	CM,C2	105
Viking	49-09	None	CM,C2	109
Viking	53-12	None	CM,C2	112

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

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	^ G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst [™] and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech [™] brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst [™] , Innotech [™] and Phoenix [®] are trademarks of Syngenta.
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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	CM	CruiserMaxx [®] Corn	None	untreated
A	Allegiance [®]	D	Dynasty [®]	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron [®] fungicide products	Es	Escalate [®]	R	Raxil [®]
AL2500	Alert 2500 [™]	In	Intego [™] Solo	SC	SHIELDCoat [™]
At	Actellic [®]	L	Lorsban [®]	V	Votivo [®]
AVC	Avicta [®] Complete Corn	Lu	Lumivia [™]	Vi	Vibrance [®]
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL [®]		
CE	Cruiser Extreme [®]	MQ	Maxim Quattro [®]		

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