

2018 Corn Grain Top 30 Harvest Report
 Pennsylvania Central [PACE] NORTHUMBERLAND
 Scott Shoop, Northumberland County, PA 17847



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Loamy sand, mod. well drained, non-irrigated
 SOIL CONDITION: No-till, very high P, very high K, 6.1 pH, 2.6% OM, 7.2 CEC
 PEST MANAGEMENT: glyphosate, Acuron, Capture, Capreno, atrazine
 FERTILITY - Applied N: 153 Planter, 50 Sidedress
 Applied N-P-K (units): 203-13-206
 SEEDED - RATE - ROW: May 30 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 8 32,900 /A

All-Season Test
99 - 109 Day CRM
 B2018PACE04

Top 30 of 42

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Doebler	RPM 5018AM	AM,B	110	227.3	17.1	0	33.0	929	1
Seed Consultants	SCS 1087YHR	OI	108	212.4	16.9	5	33.0	869	2
NK Brand	NK0968-3110	3110	109	197.0	18.0	29	33.2	801	3
Chemgro	6469RSX	STX,B	104	192.0	15.7	20	33.0	792	4
Pioneer	P0574AM GC	AM,AQ,B	105	190.9	15.1	14	33.0	790	5
Seed Consultants	SCS 968AMXT	AMXT,B	96	189.7	14.1	28	32.8	785	6
Doebler	RPM 4018AMXT	AMXT,AQ,B	100	189.5	15.8	31	33.6	781	7
Local Seed Co.	LC0877VT2P	VT2P,B	108	186.7	15.1	10	33.7	772	8
Hubner	H6394RCSS	STX,B	108	186.4	16.1	37	33.2	767	9
Augusta	A4759GT3111	3111	109	185.6	18.7	50	33.7	751	14
Dyna-Gro	D47SS29RIB	STX,B	106	185.5	15.9	38	32.8	764	11
Dyna-Gro	D49VC70	VT2P	109	185.4	15.2	45	33.3	767	10
Dekalb	DKC58-34RIB GC	STX,B	108	184.9	17.8	39	33.3	753	13
Mid-Atlantic	MA8034VT2P	VT2P	103	183.4	14.7	28	33.2	759	12
Viking	42-05	None	105	179.9	18.3	66	32.3	730	15
Seed Consultants	SCS 10HR43	HX,RR2	104	178.1	17.5	48	33.4	726	16
Chemgro	6985RDP	VT2P,B	109	176.5	17.4	16	32.7	720	18
Seed Consultants	SCS 1018YHR	OI,AQ	101	175.6	15.4	26	32.5	725	17
Doebler	RPM 4219AM	AM	102	173.8	16.3	54	33.7	714	20
Seed Consultants	SCS 1037YHR	OI	103	172.8	15.2	18	32.4	715	19
Chemgro	6795RDP	VT2P	107	172.4	15.7	4	32.3	711	21
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	100	170.9	15.4	23	33.7	706	22
Viking	48-08	None	108	170.5	15.9	13	32.7	702	23
Viking	55-02	None	102	166.2	15.3	28	32.4	687	24
Mid-Atlantic	MA8026SS	STX	102	165.5	14.6	22	32.8	685	25
Hubner	H6287RCSS	STX,B	104	164.2	15.6	49	32.3	677	27
Dekalb	DKC55-84RIB GC	STX,B	105	163.8	15.1	22	33.7	678	26
Doebler	RPM 3518AM	AM,B	95	163.1	14.9	36	33.2	675	28
Mid-Atlantic	MA8074VT2P	VT2P	107	162.6	15.4	23	32.5	672	29
Hubner	H6225RCSS	STX,B	102	162.2	15.0	26	32.1	672	30

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Averages = **169.0** **16.3** **34** **32.9** **694**

LSD (0.10) = 20.4 0.8 15

LSD (0.25) = 10.7 0.4 8

C.V. = 11.4 Prev. years average yield, 205.2 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.14; non-GMO = \$4.14

Test Comments: *Wet spring delayed planting. Good corn emergence and early vigor due to warm temperatures. The only dry spell came in July during an early vegetative stage and did not seem stress plants. Rains continued throughout summer and fall. Stalk quality at harvest deteriorated, with severe lodging in some hybrids. One way harvest was used to maximize ear gathering. Results show high strength hybrids.*

† 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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Report Date: 11/09/2018 Revised:

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1156VT2Pro	VT2P	AC,P2	106					
Augusta	A2856GT3110	3110	CM,C2	105					
Augusta	A3855GT3010	3010	CM,C1	105					
Augusta	A4759GT3111	3111	CM,C2	109					
Augusta	A4858GT3010	3010	CM,C2	108					
Chemgro	6469RSX	STX,B	AC,P5V	104					
Chemgro	6795RDP	VT2P	AC,P2	107					
Chemgro	6985RDP	VT2P,B	AC,P2	109					
Dekalb	DKC55-84RIB GC	STX,B	AC,P5V	105					
Dekalb	DKC58-34RIB GC	STX,B	AC,P5V	108					
Doebblers	RPM 2519AM	AM	MQ,P1V,R	85					
Doebblers	RPM 3518AM	AM,B	CM,C2,R,Lu	95					
Doebblers	RPM 4018AMXT	AMXT,AQ,B	CM,C2,R	100					
Doebblers	RPM 4219AM	AM	MQ,P1V,R	102					
Doebblers	RPM 5018AM	AM,B	MQ,P1V,R	110					
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106					
Dyna-Gro	D49VC70	VT2P	AC,P5V	109					
Hubner	H6225RCSS	STX,B	AC,P5V	102					
Hubner	H6287RCSS	STX,B	AC,P5V	104					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Local Seed Co.	LC0488VT2P	VT2P	CM,C2	104					
Local Seed Co.	LC0657VT2P	VT2P,B	CM,C2	106					
Local Seed Co.	LC0877VT2P	VT2P,B	CM,C2	108					
Mid-Atlantic	MA8026SS	STX	AC,P2	102					
Mid-Atlantic	MA8034VT2P	VT2P	AC,P2	103					
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NK Brand	NK0968-3110	3110	AVC,C5,Vi	109					
Pioneer	P0574AM GC	AM,AQ,B	MQ,P1V,R	105					
Pioneer	P0977AM GC	AM,B	MQ,P1V,R	109					
Seed Consultants	SC 10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	CM,C2,R	100					
Seed Consultants	SCS 1018YHR	OI,AQ	MQ,P1V,R	101					
Seed Consultants	SCS 1037YHR	OI	MQ,P1V,R	103					
Seed Consultants	SCS 1087YHR	OI	MQ,P1V,R	108					
Seed Consultants	SCS 10HR43	HX,RR2	MQ,P1V,R	104					
Seed Consultants	SCS 968AMXT	AMXT,B	CM,C2,R,Lu	96					
Viking	13-07	None	CM,C2	107					
Viking	42-05	None	CM,C2	105					
Viking	48-08	None	AC,P5V	108					
Viking	55-02	None	AC,P5V	102					

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® TRIsect (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 Borer	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	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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