

**2016 Corn Grain Top 30 Harvest Report**  
 Pennsylvania Central [ PACE ] NORTHUMBERLAND  
 Scott Shoop, Northumberland County, PA 17847



PREV. CROP/HERB: Soybean / glyphosate  
 SOIL DESCRIPTION: Linden silt loam, mod. well drained, non-irrigated  
 SOIL CONDITION: No-till, moderate P, moderate K, 6.3 pH, 3.4% OM  
 PEST MANAGEMENT: glyphosate, Capture, Capreno, atrazine  
 FERTILITY - Applied N: 60 Spring, 154 Planter  
 Applied N-P-K (units): 214-15-7  
 SEEDING - RATE - ROW: May 19 34,000 /A 30" spacing  
 HARVESTED - STAND: Nov 10 34,100 /A

**All-Season Test**  
**99 - 109 Day CRM**  
 B2016PACE02

**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
Dekalb	DKC58-06RIB GC	STX,B	108	<b>250.4</b>	14.8	0	35.5	1,017	1
Pioneer	P0843AM GC	AM,B	108	<b>247.7</b>	14.5	1	34.2	1,006	2
Pioneer	P0506AM GC	AM,AQ,B	105	<b>247.2</b>	13.4	0	34.8	1,004	3
Mid-Atlantic	MA8099VT3P	VT3P	109	<b>246.3</b>	15.0	0	35.1	1,000	4
Mid-Atlantic	MA8086VT2P	VT2P	108	<b>246.0</b>	13.7	2	35.4	999	5
Hubner	H5490RC3P	VT3P,B	109	238.9	14.7	5	35.5	970	6
Mid-Atlantic	MA9076	None	107	238.7	13.2	1	35.4	969	7
Doebler	RPM 4917AM^	AM,B	109	238.0	15.9	4	33.4	961	8
Doebler	RPM 4417AM^	AM,B	104	236.0	13.6	1	35.4	958	9
AgriGold	A6424GT3VIP	3111	108	235.2	13.9	0	34.8	955	10
AgriGold	A6413STXRIB	STX,B	107	233.9	13.8	0	34.5	950	11
AgriGold	A6441STXRIB	STX,B	109	233.0	13.7	0	34.8	946	12
AgriGold	A6355STXRIB	STX,B	105	232.9	13.6	0	34.8	946	13
Steyer	10904VT2PRO	VT2P	109	232.5	14.7	1	33.4	944	14
Dyna-Gro	D49VC39RIB	VT2P,B	109	231.9	14.6	6	34.6	942	15
Augusta	A1108VT2ProRIB	VT2P,B	108	231.7	14.3	3	35.1	941	16
Steyer	10805VT2PRORIB	VT2P,B	108	231.5	14.4	1	32.4	940	17
Chemgro	6859V3	3111	108	230.6	14.2	1	34.5	936	18
Doebler	RPM 4317AMXT^	AMXT,B	103	230.4	13.1	0	32.4	935	19
Augusta	A4758VT2Pro	VT2P	108	229.7	13.4	1	32.1	933	20
Pioneer	P9840AM GC	AM,B	98	228.5	12.7	1	34.7	928	21
Hubner	H5368RC3P	VT3P,B	105	226.9	12.9	0	34.5	921	22
Mid-Atlantic	MA8065SS	STX	106	226.8	13.2	1	35.2	921	23
AgriGold	A6267STXRIB	STX,B	102	225.0	13.3	0	34.5	914	24
Dekalb	DKC52-85RIB GC	VT2P,B	102	224.9	12.5	0	33.3	913	25
Mycogen	X13663VH	STX	106	224.9	13.9	0	31.8	913	26
Doebler	RPM 4717AM^	AM,B	107	223.6	13.9	0	34.2	908	27
Chemgro	6469RSX	STX,B	104	223.4	13.7	0	34.7	907	28
Dekalb	DKC54-40RIB GC	VT2P,B	104	223.2	13.3	0	33.3	906	29
TA Seeds	TA583-28RIB	STX,B	108	222.9	13.2	1	33.8	905	30

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Averages =	<b>228.5</b>	<b>13.7</b>	<b>1</b>	<b>34.1</b>	<b>928</b>
LSD (0.10) =	12.4	0.5	2		
LSD (0.25) =	8.6	0.3	1		
C.V. =	4.0			Prev. years average yield, 199.1 bu/a, 11 yrs	

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.06; non-GMO = \$4.06

**Test Comments:** *Planted mid May with good soil moisture, corn got off to an excellent start. Timely rains throughout the summer, along with appropriate heat, allowed this crop to develop nicely. A little gray leaf spot was observed, but overall, disease was not a problem. Standability was good right up to harvest. This was an excellent plot. Overall test rating is 10 of 10. (10=best)*

† 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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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102					
AgriGold	A6346STX	STX	AC,P5V	104					
AgriGold	A6355STXRIB	STX,B	AC,P5V	105					
AgriGold	A6413STXRIB	STX,B	AC,P5V	107					
AgriGold	A6424GT3VIP	3111	AVC,C5,Vi	108					
AgriGold	A6441STXRIB	STX,B	AC,P5V	109					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A4758VT2Pro	VT2P	CM,C1	108					
Chemgro	6469RSX	STX,B	AC,P5V	104					
Chemgro	6769RSX	STX,B	AC,P5V	107					
Chemgro	6859V3	3111	CM,C2,Vi	108					
Dekalb	DKC52-85RIB GC	VT2P,B	AC,P5V	102					
Dekalb	DKC54-40RIB GC	VT2P,B	AC,P2	104					
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108					
Doebler	RPM 4317AMXT^	AMXT,B	MQ,P1V	103					
Doebler	RPM 4417AM^	AM,B	MQ,P1V	104					
Doebler	RPM 4717AM^	AM,B	MQ,P1V	107					
Doebler	RPM 4917AM^	AM,B	MQ,P1V	109					
Dyna-Gro	D46SS62	STX	AC,P5V	106					
Dyna-Gro	D49VC39RIB	VT2P,B	AC,P2	109					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	109					
Hubner	H6191RCSS	STX,B	AC,P5V	99					
Mid-Atlantic	MA5001GT3VIP	3111	AC,P2	100					
Mid-Atlantic	MA8045VT2P	VT2P	AC,P2	104					
Mid-Atlantic	MA8065SS	STX	AC,P2	106					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA9076	None	AC,P2	107					
Mycogen	2Y669	STX,B	CM,C5,Vi,In	108					
Mycogen	X13663VH	STX	CM,C5,Vi,In	106					
Mycogen	X14503VH	STX	CM,C5,Vi,In	104					
Pioneer	P0506AM GC	AM,AQ,B	MQ,C2	105					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
Pioneer	P9840AM GC	AM,B	MQ,C2,Lu	98					
Steyer	10304VT2PRO	VT2P	AC,P5V	103					
Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108					
Steyer	10904VT2PRO	VT2P	CM,C2	109					
TA Seeds	TA506-28RIB	STX,B	CM,C2	100					
TA Seeds	TA527-33EZ	3122,B	CM,C2	102					
TA Seeds	TA536-22DPRIB	VT2P,B	CM,C2	104					
TA Seeds	TA583-28RIB	STX,B	CM,C2	108					

## 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. VPMaxx® 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®, VPMaxx® 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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

### Corn Seed Treatments\*\*

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
AChD	Acceleron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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