

2018 Corn Silage Harvest Report for Pennsylvania Southeast [PASE]

Steve Rudolf, Franklin County, PA 17225 [GREENCASTLE]



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Corn / Roundup, Prowl, atrazine, Capreno

SOIL INFORMATION: Silt loam, minimum w/o fall till, very high P, very high K, 6.5 pH, 3.2% OM, 9.2 CEC, non-irrigated

UNITS N-P-K Applied: 222-165-259, N Applied: 212 Spring, 10 Planter

PEST MANAGEMENT: Acuron, Capture, Trivapro

SEEDED - RATE: May 21 34,000 /A

HARVESTED - STAND: Sep 21 32,400 /A

113 - 119 Day CRM

L2018PASE20

All 36 Products Tested, 3 Rep. Yield Average

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Hubner	H6755RCSS	STX,B	114	36.2	33.8	37.3	8.0	42.7	53.0	0.81	31.2	35.9	54.7	11.5	3,433	3	37,282
Hubner	H6663RCSS	STX,B	113	35.6	34.1	34.7	8.0	39.5	54.0	0.77	35.3	33.6	52.1	13.3	3,346	12	35,735
Pioneer	P0843AM GC	AM,B	108	34.6	32.0	37.4	8.5	40.2	53.8	0.80	31.4	36.9	57.8	10.1	3,427	5	35,572
Augusta	A5663GT3000	3000GT	113	34.1	33.0	37.1	8.5	41.6	53.1	0.80	31.7	36.2	55.4	11.8	3,438	2	35,171
Seed Consultants	SCS 1158AM	AM,B	115	36.2	32.4	36.8	8.4	36.3	56.5	0.76	36.3	34.4	55.5	11.6	3,219	19	34,958
Chemgro	7795V4Z	3220,B	117	34.4	33.4	35.7	8.5	34.3	52.8	0.75	37.7	35.4	55.2	12.4	3,217	20	33,199
Hubner	H6890RCSS	STX,B	117	32.5	32.5	34.5	8.6	36.3	51.7	0.78	36.7	31.9	52.5	14.6	3,361	10	32,770
Chemgro	7789RSX	STX,B	117	33.6	31.2	33.8	8.7	29.6	54.0	0.75	41.0	34.9	54.7	13.9	3,240	15	32,659
Augusta	A1165VT2ProRIB	VT2P,B	115	31.5	30.5	31.8	8.4	35.0	54.6	0.76	36.5	32.5	54.0	12.9	3,442	1	32,527
Local Seed Co.	LC1349VT2P	VT2P,B	113	31.9	32.1	35.4	8.1	40.3	54.0	0.78	33.7	32.0	52.7	12.7	3,362	9	32,174
Chemgro	7658G3	3000GT	116	31.8	32.3	32.6	8.3	33.4	48.5	0.76	40.3	36.4	55.8	13.2	3,363	8	32,083
Channel	215-83STXRIB GC	STX,B	115	31.0	31.5	33.6	8.0	33.1	52.3	0.76	38.0	33.3	53.2	13.3	3,321	13	30,885
Seed Consultants	SCS 1087AM	AM,B	108	29.5	31.4	32.8	7.8	40.1	57.2	0.77	35.1	34.7	52.5	11.7	3,432	4	30,373
Local Seed Co.	LC1776VT2P	VT2P,B	117	31.3	32.0	33.4	8.0	35.6	51.3	0.75	38.7	31.5	49.7	15.3	3,226	17	30,292
Mid-Atlantic	MA5166GT3	3000GT	116	30.1	32.9	30.3	8.3	34.3	52.0	0.75	38.3	34.9	53.6	13.1	3,349	11	30,241
NK Brand	NK1808-3111	3111	118	29.8	31.9	29.2	8.5	34.1	53.3	0.75	38.6	36.3	55.9	13.2	3,370	7	30,128
Channel	219-77STXRIB GC	STX,B	119	31.6	33.9	30.0	8.3	33.1	54.9	0.74	39.3	32.3	49.3	15.1	3,166	24	30,014
Mycogen	TMF16S87	STX	116	31.1	32.4	34.3	8.0	36.4	50.8	0.76	37.9	33.2	49.2	15.7	3,210	22	29,949
Seedway	6999-3000GT GC	3000GT	114	30.9	31.9	34.2	8.4	30.9	52.9	0.74	40.9	38.2	57.9	12.3	3,228	16	29,924
Augusta	A1564GT3000	3000GT	114	29.7	32.4	35.3	8.5	37.7	52.7	0.77	35.2	35.6	55.0	11.9	3,319	14	29,572
Seed Consultants	SCS 1188AM	AM,B	118	31.8	32.9	36.3	8.6	36.4	51.9	0.75	37.2	32.6	49.9	14.5	3,098	28	29,555
Augusta	A5162GT3000	3000GT	112	32.3	34.5	37.5	7.3	39.1	54.2	0.75	37.1	34.6	50.9	13.9	3,034	30	29,399
NK Brand	NK1452-3120-EZR	3120,B	114	30.2	32.9	39.1	7.3	44.8	54.2	0.79	32.0	36.4	52.7	11.9	3,188	23	28,883
Hubner	H4755RC2P	VT2P,B	114	29.5	32.4	33.9	8.0	32.4	53.8	0.75	39.8	34.5	52.9	13.7	3,222	18	28,515

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All 36 Products Tested, 3 Rep. Yield Average (continued)

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Doeblers	RPM 4318AMXT	AMXT,B	103	31.7	33.4	34.4	8.1	32.3	58.5	0.74	38.0	29.9	50.0	15.7	2,996	33	28,492
Hubner	H6563RCSS	STX,B	111	27.5	32.8	30.7	8.4	34.8	55.1	0.76	36.7	33.0	51.6	14.3	3,375	6	27,844
Hubner	H6624RCSS	STX,B	112	30.1	32.7	31.2	8.0	29.7	54.8	0.72	43.0	31.9	50.0	15.4	3,041	29	27,460
Augusta	A1367GT3220	3220	116	28.5	33.0	32.4	8.6	29.8	52.7	0.73	40.8	34.3	54.2	13.7	3,211	21	27,454
Mid-Atlantic	MA9144	None	114	30.2	32.3	36.9	8.3	32.4	50.5	0.74	40.2	35.4	54.2	13.1	3,030	31	27,452
Augusta	A1064	None	114	28.9	33.9	36.7	8.1	37.0	57.7	0.75	36.1	34.9	52.3	12.5	3,102	27	26,894
Local Seed Co.	LC1600VT3P	VT3P,B	116	29.5	32.8	37.0	7.4	36.3	50.9	0.75	38.2	33.3	50.5	13.9	3,025	32	26,771
Mycogen	TMF14R77	STX	114	27.5	30.7	31.3	7.7	30.7	56.4	0.73	42.0	34.8	51.5	14.2	3,122	26	25,757
Mid-Atlantic	MA8163SS	STX	116	28.7	29.9	38.9	8.9	33.2	53.1	0.75	38.8	34.5	53.7	13.1	2,989	34	25,735
Dyna-Gro	D55VC45	VT2P	115	26.3	32.3	29.3	8.6	29.1	52.5	0.73	42.5	33.0	52.0	15.1	3,125	25	24,656
Doeblers	RPM 4717AMX	AMX,B	107	28.8	31.4	32.8	8.3	23.8	53.7	0.71	45.2	31.1	52.5	16.2	2,806	35	24,244
NK Brand	NK1284-3220-EZR	3220,B	112	27.2	30.7	38.0	7.1	33.9	51.7	0.70	43.6	31.0	45.7	17.8	2,605	36	21,257
<i>Robin Kauffman</i>				Average =	31.0	32.4	34.4	8.2	35.0	53.5	0.75	37.9	34.0	52.8	13.6	3,207	29,886
Rob Kauffman				LSD(0.10) =	2.1												
rkmaits@aol.com, (717) 413-0763				LSD(0.25) =	1.1												
				C.V. =	6.5												

† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from NIRS data using Milk2006. **Bold** values significantly better than test average. **ns** = not significant

TEST COMMENTS: *Very nice plot! Except for a short period in early July, this corn had plenty of rain and some heat to make a very nice yield. Fungicide seemed to prevent leaf disease from exploding and helped with staygreen.*

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Report Date: 9/26/2018

Revised:

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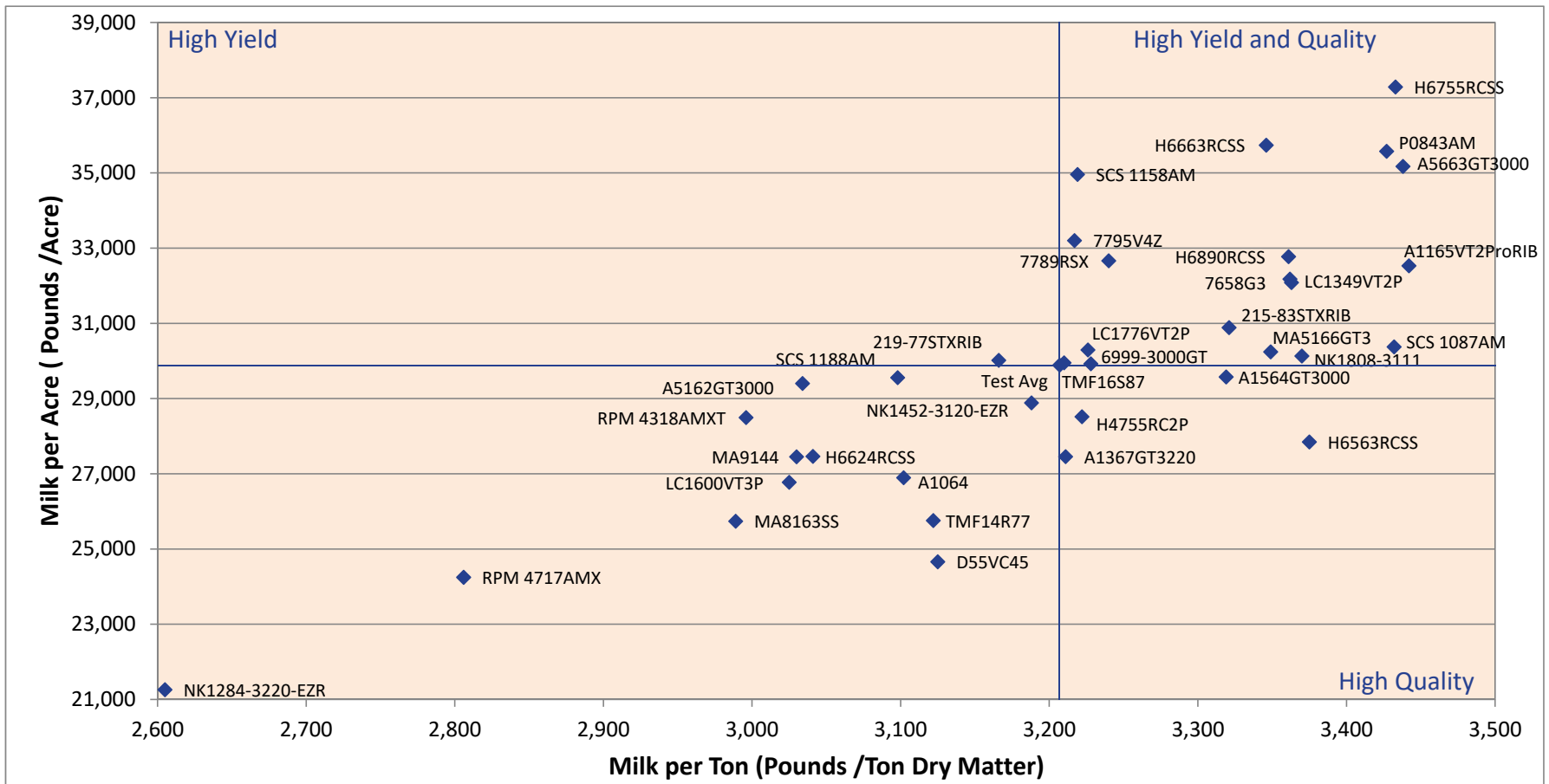
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PREV. CROP/HERB: Corn / Roundup, Prowl, atrazine, Capreno
 SOIL INFORMATION: Silt loam, minimum w/o fall till, very high P, very high K, 6.5 pH, 3.2% OM, 9.2 CEC, non-irrigated
 UNITS N-P-K Applied: 222-165-259, N Applied: 212 Spring, 10 Planter
 PEST MANAGEMENT: Acuron, Capture, Trivapro
 SEDED - RATE: May 21 34,000 /A
 HARVESTED - STAND: Sep 21 32,400 /A

113 - 119 Day CRM
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Report Date: 9/26/2018

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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.
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® TRIssect (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.