

2016 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: Alfalfa

SOIL INFORMATION: Duffield silt loam, conventional w/o fall till, 6.3 pH, 3.7% OM, mod. high P, mod. high K, non-irrigated

UNITS N-P-K Applied: 200-125-225, N Applied: 185 Spring, 15 Planter

PEST MANAGEMENT: glyphosate, Prowl, Capreno, Capture

SEEDED - RATE: May 26 34,000 /A

HARVESTED - STAND: Sep 7 33,000 /A

113 - 119 Day CRM

L2016PASE19

All 24 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)		Milk/Ton DM††		Milk/Acre (Lbs)
				70% H ₂ O (Tons/A)	Lodging (%)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h	(Lbs)	Rank	
Doeblers	5815GRQ	3000GT	118	32.2	0	33.4	32.9	8.6	30.2	60	0.76	38.8	32	55	3,222	3	31,125
Chemgro	7349G3Z	3122,B	113	32.0	0	33.3	33.1	8.5	30.8	63	0.76	38.8	30	54	3,229	2	30,998
Mid-Atlantic	MA8150VT3P	VT3P	115	32.6	0	32.8	34.1	8.2	29.6	62	0.75	40.2	29	52	3,075	13	30,074
Doeblers	RPM 747AM^	AM,B	116	32.1	0	32.5	32.7	8.5	28.6	63	0.75	42.5	28	49	3,119	9	30,036
Augusta	A7766VT2Pro	VT2P	116	32.1	0	32.9	34.7	8.8	29.8	61	0.75	41.0	28	50	3,094	12	29,795
TA Seeds	TA784-13VPRIB	VT3P,B	118	32.7	0	32.7	33.4	8.2	28.5	65	0.76	40.0	28	52	3,023	17	29,656
Mid-Atlantic	MA5166GT3	3000GT	116	33.8	0	32.3	35.9	8.8	26.6	60	0.75	41.8	29	53	2,899	20	29,396
Augusta	A1565GTCBLL	GT/CB/LL	115	29.9	0	33.2	34.2	8.7	32.7	63	0.76	38.4	28	50	3,217	4	28,856
Mid-Atlantic	MA9144	None	114	29.8	0	33.2	34.4	8.9	30.4	59	0.76	38.9	29	53	3,190	5	28,519
Chemgro	7658G3	3000GT	116	30.2	0	33.0	35.1	8.8	28.5	59	0.76	40.9	33	57	3,137	8	28,421
Augusta	A7664VT3Pro	VT3P	114	28.7	0	33.0	28.3	9.4	30.7	59	0.77	37.0	29	53	3,283	1	28,267
AgriGold	A6517VT3PRIB GC	VT3P,B	113	29.6	0	33.2	33.4	8.5	28.6	61	0.75	42.1	29	52	3,169	7	28,141
Doeblers	5615GRQ	3000GT	116	30.4	0	32.9	35.3	8.2	30.3	61	0.76	39.9	28	52	3,058	15	27,889
Mid-Atlantic	MA8167VT3P	VT3P	116	31.6	0	32.7	31.5	8.7	24.1	62	0.73	45.5	26	49	2,899	21	27,483
AgriGold	A6573VT3PRIB GC	VT3P,B	114	29.4	0	32.9	32.4	9.1	27.9	61	0.76	40.1	28	53	3,109	10	27,421
Augusta	A7769GT	GT	119	28.4	0	32.4	33.0	8.5	30.2	60	0.76	39.3	29	52	3,175	6	27,051
TA Seeds	TA736-22DPRIB	VT2P,B	113	29.9	0	32.5	33.3	8.5	27.1	62	0.75	41.3	25	51	2,932	19	26,300
Steyer	11702-3110 GC	3110	117	28.0	0	33.2	30.0	8.8	28.1	61	0.75	40.1	30	54	3,109	11	26,116
TA Seeds	TA780-13VPRIB	VT3P,B	116	28.4	0	33.4	30.8	8.0	28.7	63	0.75	40.7	27	52	3,064	14	26,105
Augusta	A7668GT3110	3110	118	29.2	0	33.4	33.9	8.8	27.1	61	0.75	40.8	28	53	2,979	18	26,096
Augusta	A7768GT3110	3110	118	31.3	0	33.3	30.5	8.7	24.3	63	0.75	41.4	25	53	2,755	24	25,869
Mid-Atlantic	MA8152VT2P	VT2P	115	27.3	0	32.7	31.5	8.2	26.8	63	0.74	44.2	26	47	3,042	16	24,914
Steyer	11802-3110 GC	3110	118	27.7	0	32.7	29.3	9.6	23.4	60	0.75	41.7	27	54	2,887	22	23,991
Mid-Atlantic	MA8161RR	RR2	116	26.3	1	33.3	30.6	8.1	23.4	61	0.72	47.1	27	48	2,837	23	22,384

Robin Kauffman

Average =	30.2	0	33.0	32.7	8.6	28.2	61	0.75	40.9	28	52	3,063	27,704
LSD(0.10) =	2.7	ns											
LSD(0.25) =	1.9	ns											
C.V. =	6.6												

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

TEST COMMENTS: *This was an excellent plot. Planting conditions were great to deliver good emergence. Above average heat and rainfall produced above average silage tonnage. Some gray leaf spot pressure was present but not severe enough to cause an impact on yield or quality.*

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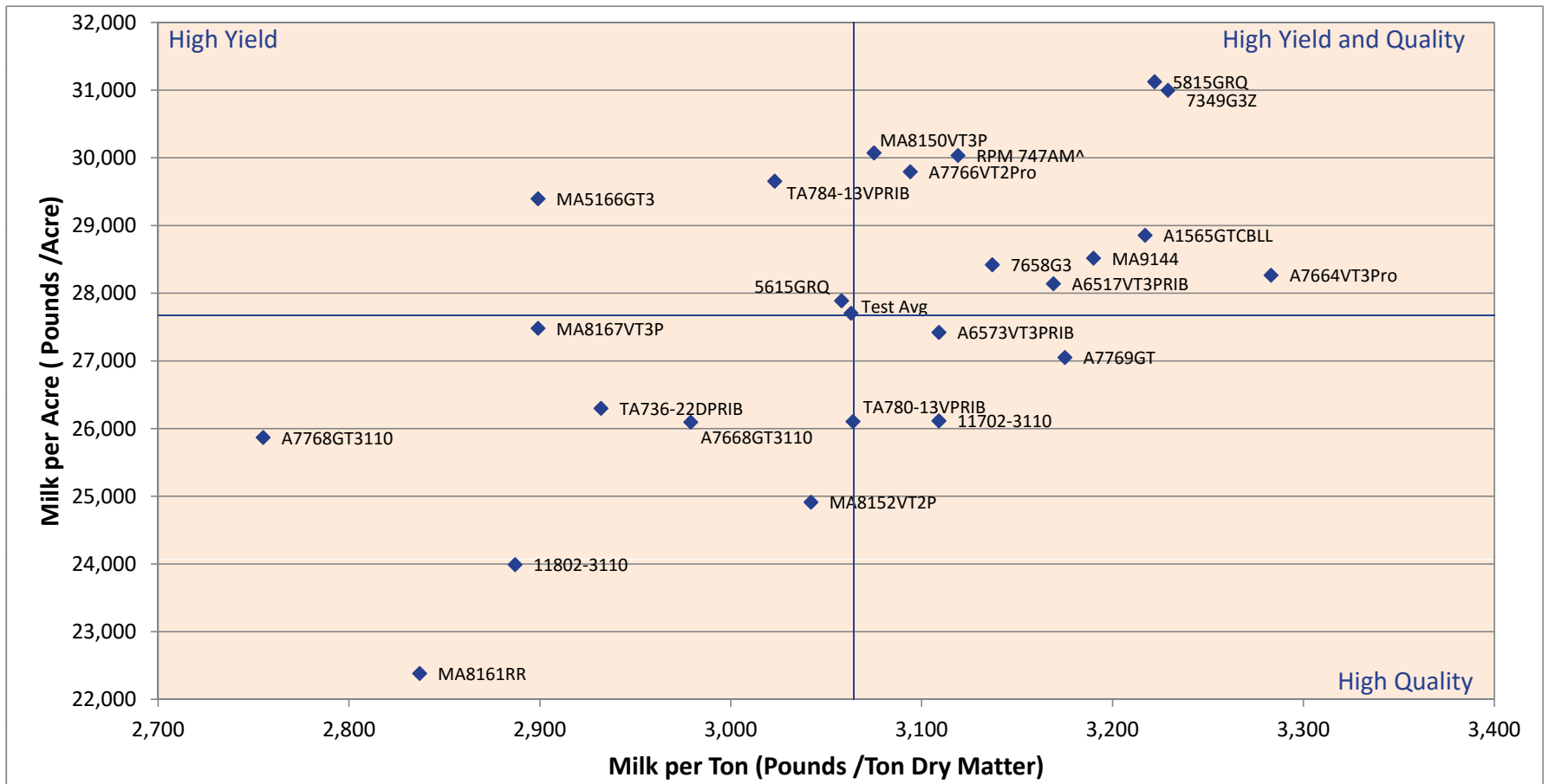
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Report Date: 9/23/2016

Revised:

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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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmaxx® 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®, VPMmaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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 Boreer	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.