

2019 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, non-irrigated
 UNITS N-P-K Applied: 258-142-243, N Applied: 204 Spring, 54 Side
 PEST MANAGEMENT: Glyphosate, Capture, Capreno, Atrazine
 SEEDED - RATE: May 10 34,000 /A
 HARVESTED - STAND: Sep 6 31,000 /A

113 - 119 Day CRM
L2019PASE19

Top 24 of 30 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)			24 h	48 h		Rank	Rank	
NK Brand	NK1205-3120	3120	112	32.0	30.6	38.0	8.4	42.9	50.3	0.82	31.9	32.3	59.0	7.0	3,775	6	36,240
Mid-Atlantic	MA5166	3111	116	34.1	30.5	39.0	7.5	38.9	45.2	0.77	37.4	28.8	52.2	7.6	3,537	29	36,184
Hubner	H6663RCSS	STX	113	31.5	32.1	38.0	7.8	45.3	46.1	0.84	31.0	29.3	53.4	6.3	3,793	2	35,844
Hubner	H6763RCSS	STX	115	32.3	32.7	38.7	7.6	40.8	44.3	0.80	35.0	28.0	51.0	7.2	3,662	18	35,485
Seed Consultants	SCS 1158YHR	CB/LL/RW	115	31.1	31.1	36.0	7.8	41.4	49.2	0.81	34.4	34.0	57.1	5.3	3,760	9	35,081
Dyna-Gro	D55VC80	VT2P	115	32.2	31.6	39.6	7.4	39.5	47.3	0.79	36.8	31.8	54.9	7.2	3,604	24	34,815
Augusta	A1165	VT2P	115	30.3	26.8	37.9	7.6	44.5	45.6	0.83	31.7	29.9	52.4	5.3	3,792	3	34,469
Augusta	A9967	3000GT	116	30.4	32.1	37.3	7.6	39.3	50.8	0.79	36.4	36.6	59.3	6.5	3,716	12	33,890
Local Seed Co.	ZS1487 PC	PC	114	29.8	31.4	36.3	7.4	42.4	51.5	0.81	34.2	35.8	60.1	5.7	3,771	7	33,713
Local Seed Co.	LCX17-94	None	117	30.5	32.5	39.3	7.7	42.1	46.1	0.80	35.2	32.0	53.5	6.9	3,680	16	33,672
NK Brand	NK1808-3111	3111	118	30.1	32.3	36.5	8.0	38.3	48.5	0.78	36.5	32.1	56.5	7.2	3,709	13	33,492
Augusta	A4463	VT2P	113	29.8	31.2	41.9	7.7	47.1	47.6	0.84	29.5	29.3	55.1	5.7	3,744	10	33,471
Seed Consultants	SCS 1188AM	AM	118	29.4	29.8	37.6	8.3	43.4	48.3	0.82	32.4	31.8	56.3	6.5	3,786	5	33,393
Local Seed Co.	LC1586 TC	Trecepta	115	29.2	26.8	37.9	7.9	44.9	44.8	0.83	31.0	29.0	51.5	5.8	3,806	1	33,341
NK Brand	NK1573-3000GT	3000GT	115	29.5	31.2	37.8	7.7	45.0	46.9	0.82	32.0	32.2	54.4	6.5	3,764	8	33,311
Mid-Atlantic	MA9151	CONV	115	29.4	29.0	39.5	7.4	43.8	49.1	0.82	33.1	33.4	57.1	5.9	3,729	11	32,890
Hubner	H6755RCSS	STX	114	30.6	32.0	36.2	7.1	39.0	46.1	0.77	38.2	29.7	53.4	8.3	3,575	26	32,819
Augusta	A5566	3111	116	29.7	30.5	34.6	7.9	38.4	50.1	0.78	36.1	35.1	58.4	6.3	3,675	17	32,744
Seed Consultants	SCS 1125YHR	CB/LL/RW	112	30.0	30.8	37.6	7.5	41.0	46.7	0.79	35.5	30.0	54.4	8.4	3,628	22	32,652
Chemgro	7799D5Z	5222	117	29.6	30.2	35.6	7.7	40.2	49.5	0.79	35.7	34.8	57.8	6.8	3,652	20	32,430
Seed Consultants	SC-EX115YHR	OI	117	29.5	31.2	35.4	7.7	37.6	46.7	0.77	38.2	32.2	54.5	8.6	3,631	21	32,134
Local Seed Co.	LC1776 VT2P	VT2P	117	28.8	31.5	39.3	8.0	41.0	44.4	0.80	34.6	29.1	51.4	7.5	3,690	14	31,882
Local Seed Co.	LCX17-91 TC	Trecepta	117	29.8	31.5	40.8	7.7	40.3	43.8	0.79	36.2	28.8	50.5	7.9	3,563	27	31,853
Hubner	H6890RCSS	STX	117	28.8	32.3	35.0	7.8	38.0	46.5	0.78	37.5	31.7	54.0	7.7	3,661	19	31,631

John Kauffman
 Average = **30.0** 31.0 37.5
 LSD(0.10) = 2.6
 Rob Kauffman LSD(0.25) = 1.8
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† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from Rock River data using Milk2006 Traditional 48 hour. **Bold** values significantly better than test average. **ns** = not significant

TEST COMMENTS: *Planting conditions were wet and emergence was lower than expected, however populations were constant through the entire plot. Good rainfall for most of the summer but a short dry spell in July did hold back top yields. Overall rating of the plot is 8 out of 10(10=best)*

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.
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.