

# 2023 Silage Harvest Report for Pennsylvania Southeast [ PASE ]

Mike Brubaker, Lancaster County, PA 17552 [ MOUNT JOY ]

PREV. CROP/HERB: Ryegrass / Glyphosate, atrazine

SOIL INFORMATION: Hagerstown silt loam, well drained, no-till, very high P, very high K, 5.8 pH, 3.4% OM, non-irrigated

UNITS N-P-K Applied: 198-160-225, N Applied: 43 Fall, 65 Spring, 90 Sidedress

PEST MANAGEMENT: Lumax, Ethos, Glyphosate, atrazine

SEEDED - RATE: May 22 32,500 /A

HARVESTED - STAND: Sep 5 30,600 /A



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

113 - 119 Day CRM

L2023PASE22

## Top 30 of 36 Products Tested, 3 Rep. Yield Average

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	ENERGY			FIBER			Milk/Ton DM††		Milk/Acre (Lbs)↓
				65% H2O (Tons/A)	Stand (x1,000)			Starch (% DM)	In-Situ SD 7 h (%)	NEL (Mcal/lb)	NDF (% DM)	NDFd 30h* (% of NDF)	uNDF 240 h (%DM)	(Lbs)	Rank	
Seed Consultants	SC1154AM	AM	115	<b>28.1</b>	31.1	36.9	8.6	31.7	70.01	0.74	39.4	60.7	12.2	3,395	7	33,426
Mid-Atlantic	MA6153PWE	PC	115	26.1	31.5	38.9	8.9	36.7	65.76	0.77	35.2	58.4	11.6	3,519	1	32,149
Mid-Atlantic	MA8141 SSRIB	STX	116	<b>27.3</b>	30.6	39.3	8.4	34.8	59.61	0.76	37.7	54.7	13.5	3,335	13	31,903
Hubner	H1872S	STX	118	<b>26.8</b>	31.2	38.8	8.2	36.3	65.55	0.77	35.9	55.6	13.5	3,383	9	31,770
Hubner	H6663RCSS	STX	113	26.1	31.9	36.3	8.5	34.5	61.73	0.77	37.2	57.8	12.6	3,459	4	31,640
Seedway	SW 1661SS	STX	116	25.5	31.0	36.5	8.6	33.0	63.91	0.75	38.4	58.2	12.0	3,465	3	30,922
Seedway	SW 1421VT	VT2P	114	25.1	31.1	38.7	9.0	36.2	67.68	0.78	36.4	58.6	13.3	3,380	10	30,881
Hubner	H1330S	STX	113	<b>26.8</b>	31.4	35.6	8.6	28.5	67.45	0.72	42.2	60.0	12.3	3,272	22	30,691
Hubner	H6755RCSS	STX	114	<b>26.7</b>	31.1	36.9	8.3	29.5	60.05	0.72	41.3	55.2	14.8	3,225	25	30,139
Mid-Atlantic	MA5168DV	DV	116	25.5	30.1	33.3	8.7	30.4	71.26	0.76	39.3	61.2	11.3	3,355	12	29,944
Chemgro	7525RDP	VT2P	115	25.8	30.1	39.6	7.9	30.9	63.09	0.74	41.2	57.5	14.4	3,276	20	29,620
Revere	1839 TC	TRE	116	24.7	30.6	36.2	8.3	32.6	66.83	0.73	40.0	56.4	14.2	3,425	5	29,611
Seedway	SW 1579SS	STX	115	25.3	30.6	35.8	8.5	29.5	59.25	0.73	42.0	59.4	13.1	3,331	14	29,539
Redtail	RT 64T39-D1	D	114	24.7	28.7	36.4	8.3	35.3	67.76	0.76	36.1	58.0	12.4	3,407	6	29,450
Seed Consultants	SC1134AM	AM	113	25.0	30.3	39.5	9.0	32.9	67.23	0.75	38.4	57.1	13.0	3,363	11	29,430
Seed Consultants	SC1183AM	AM	118	25.7	31.6	34.4	8.2	26.8	68.74	0.72	43.6	61.6	12.6	3,221	27	28,974
Revere	1524 DV	DV	115	24.8	30.1	35.1	8.3	32.5	72.17	0.76	38.5	58.2	12.6	3,319	15	28,767
Chemgro	7539D4Z	D	115	24.4	31.1	35.3	8.6	30.8	66.93	0.74	39.7	58.6	13.1	3,317	16	28,331
Augusta	A1265	DV	115	23.2	31.1	37.3	8.2	37.3	66.50	0.78	35.7	58.8	12.5	3,466	2	28,185
Mid-Atlantic	MA5144D	D	114	24.3	29.9	33.7	9.4	30.5	72.29	0.76	38.0	60.5	11.9	3,282	19	27,914
Brevant	B12FO8Q	QR	112	24.7	29.7	34.8	8.5	28.8	68.52	0.73	41.2	57.9	13.1	3,185	29	27,572
Augusta	A1165	VT2P	115	23.2	29.9	35.3	8.4	29.5	64.45	0.72	41.5	60.5	13.6	3,313	17	26,938
Revere	1307 TCRIB	TRE	113	23.2	31.2	37.7	8.4	31.8	63.87	0.74	40.7	55.1	14.3	3,310	18	26,841
Revere	0918 SXRIB	STX	109	22.4	31.2	37.6	8.6	33.1	67.44	0.76	38.6	58.1	12.5	3,383	8	26,484
Mid-Atlantic	MA5161DV	DV	116	23.7	29.8	35.3	8.4	28.4	68.19	0.72	42.4	57.7	13.1	3,191	28	26,428
Augusta	A4465	DV	115	23.3	30.3	33.5	9.0	27.8	69.30	0.72	42.0	58.5	13.2	3,235	23	26,419
Masters Choice	MCT6367-D	VT2PDG	113	22.9	30.3	33.0	8.5	28.5	65.74	0.73	41.7	57.9	12.1	3,273	21	26,236
Chemgro	7789RSX	STX	117	22.7	30.0	31.7	9.2	27.2	67.78	0.73	41.7	61.7	11.6	3,225	24	25,624
Augusta	A1964	3110	114	22.1	30.5	33.5	9.6	27.1	67.57	0.73	40.7	56.9	12.8	3,159	30	24,472
Augusta	A2064	DV	114	20.7	30.2	33.1	8.0	29.2	71.77	0.73	41.1	59.9	12.1	3,222	26	23,344

Average =	<b>24.4</b>	<b>30.6</b>	<b>35.7</b>	<b>8.6</b>	<b>30.5</b>	<b>66.9</b>	<b>0.70</b>	<b>40.2</b>	<b>58.6</b>	<b>12.8</b>	<b>3,281</b>	<b>28,788</b>
LSD(0.10) =	2.0											
LSD(0.25) =	1.1											
C.V. =	7.9											

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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. \*Traditional Goering & Van Soest, Cornell University Method. **Bold** values significantly better than test average. **ns** = not significant

**TEST COMMENTS:** *The soil moisture was starting to dry right at planting, and emergence was sporadic but a timely rain did get all corn emerged. Summer rainfall was up and down right up to harvest, when it got extremely hot and dry. Mike Brubaker measured it having the corn drop in moisture 3-4 points per day. Disease pressure was light with only a few hybrids with some northern leaf blight. Overall rating of the plot is a 7 out of 10. (10=best)*

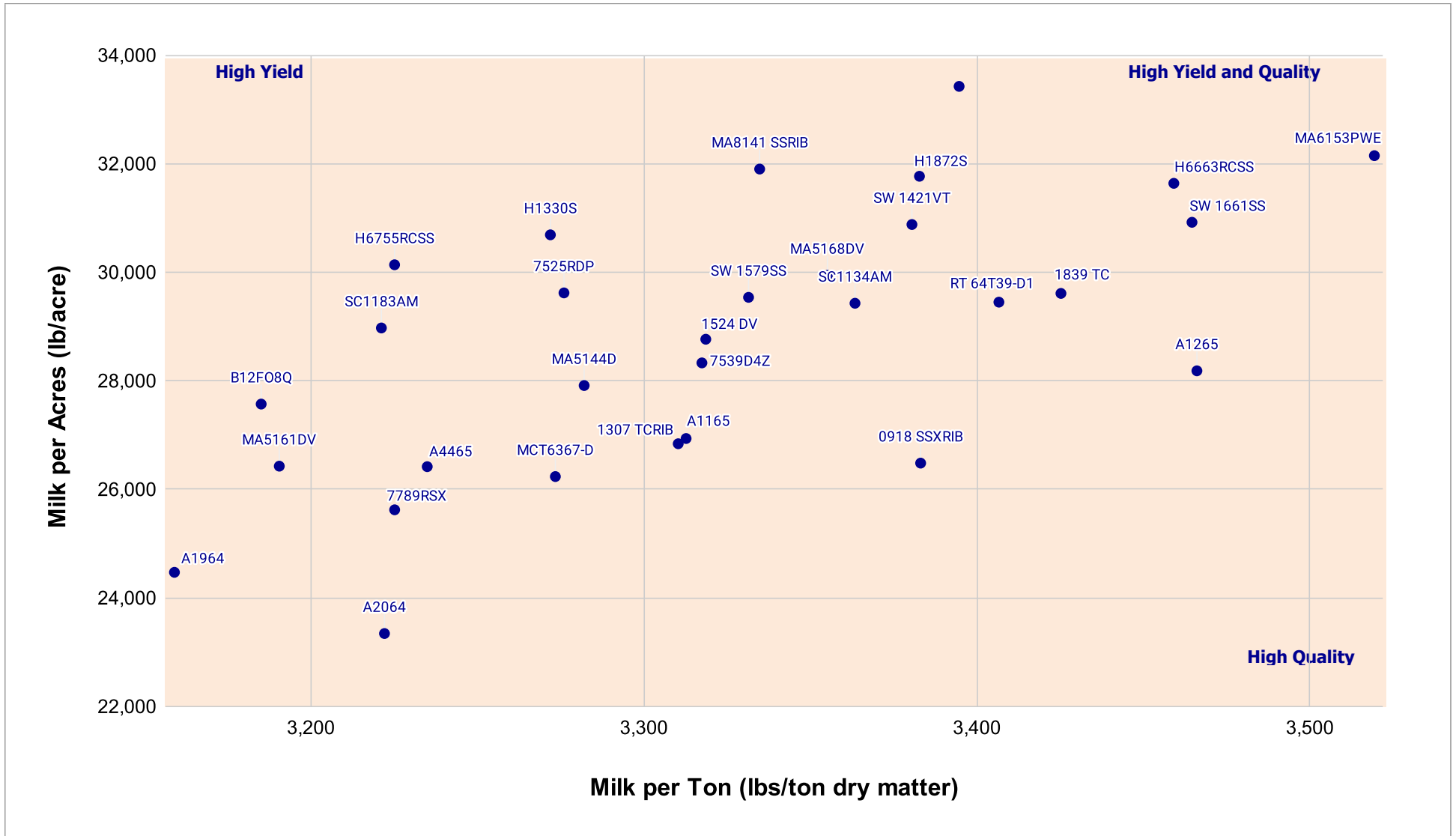
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Report Date: 10/5/2023

Revised:

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Yield vs Quality Graph

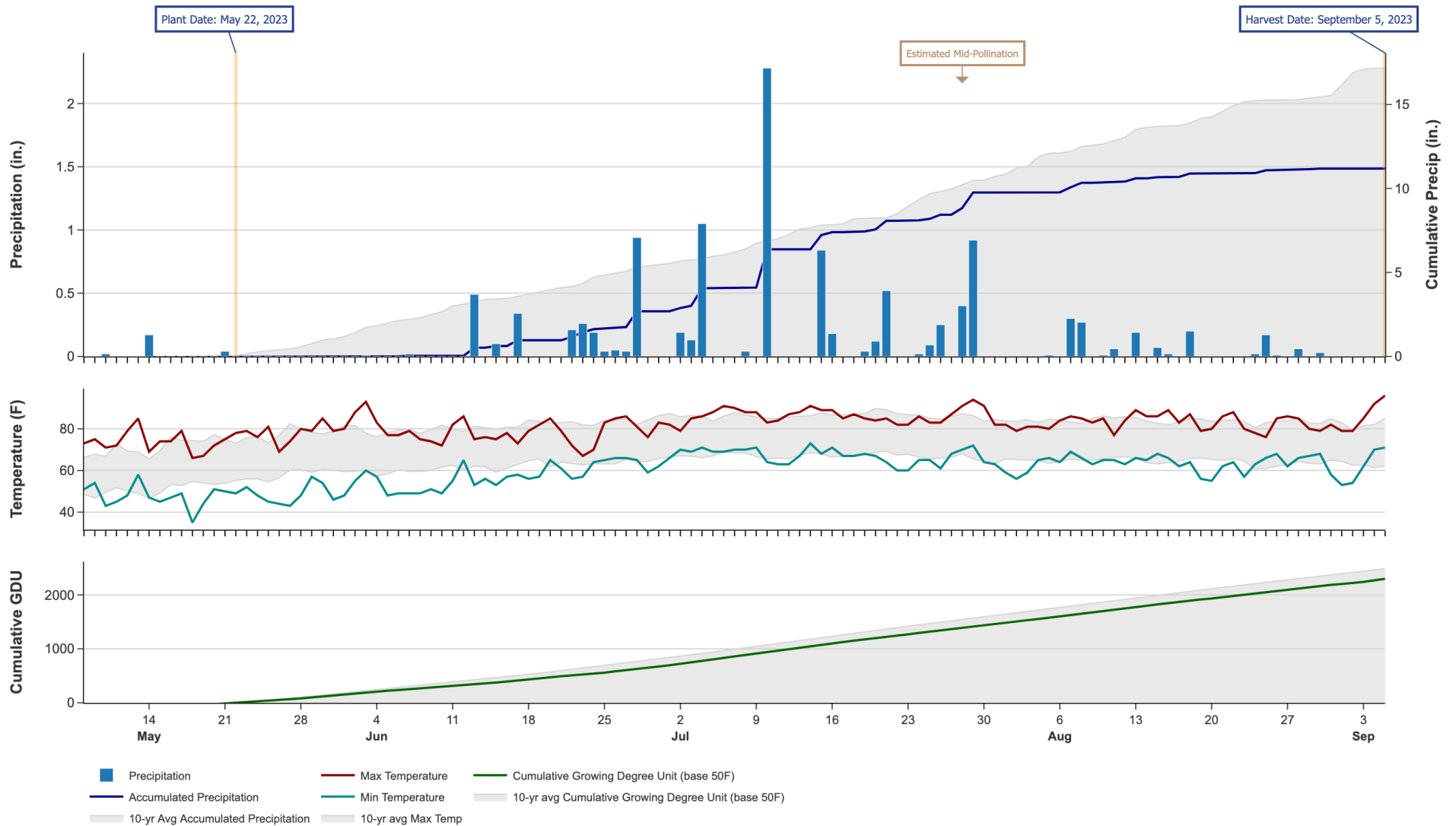


# 2023 Corn Silage - Pennsylvania Southeast [ PASE ]

## Weather Conditions Summary at MOUNT JOY, PA

Weather Data Retrieved: 09/28/2023

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in)   (Diff)	0.2   3.1 (-2.9)	2.7   4.4 (-1.7)	7.1   5.3 (+1.8)	1.4   4.8 (-3.4)	0.0   1.6 (-1.6)	11.4   19.2 (-7.8)
GDU   Avg (Diff)	319   336 (-17)	540   649 (-109)	800   814 (-14)	712   749 (-37)	112   112 (0)	2483   2661 (-178)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2023 Corn Silage - Pennsylvania Southeast [ PASE ]

### All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A636-16	VT2P	N*	106	Tr
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A1265	DV	N	115	CM,C2
Augusta	A1964	3110	N	114	CM,C2
Augusta	A2064	DV	Y	114	AVC
Augusta	A2067	DV	Y	117	CM,C2
Augusta	A4465	DV	N	115	CM,C2
Brevant	B12FO8Q	QR	Y	112	Lum,L1
Brevant	B15B75SX	STX	N*	115	Lum,L1
Chemgro	7444PC	PC	N	114	CM,C5
Chemgro	7525RDP	VT2P	Y	115	AC,P2
Chemgro	7539D4Z	D	Y	115	CM,C2
Chemgro	7789RSX	STX	Y	117	AC,P5V
Hubner	H1330S	STX	Y	113	AC,P5V,B360
Hubner	H1872S	STX	Y	118	AC,P5V,B360
Hubner	H6663RCSS	STX	Y	113	AC,P5V
Hubner	H6755RCSS	STX	Y	114	AC,P5V,B360
Masters Choice	MCT6367-D	VT2PDG	Y	113	Tr
Mid-Atlantic	MA5144D	D	Y*	114	CM,C2
Mid-Atlantic	MA5161DV	DV	Y*	116	CM,C2
Mid-Atlantic	MA5168DV	DV	Y*	116	CM,C2
Mid-Atlantic	MA6153PWE	PC	Y*	115	CM,C2
Mid-Atlantic	MA8141 SSRIB	STX	Y	116	AC,P2
Pine Creek	R6812GT	3000GT	N	118	Tr
Redtail	RT 64T39-D1	D	Y	114	CM,C2
Redtail	RT 67T79-D2	DV	Y	117	CM,C2
Revere	0918 SXRIB	STX	Y	109	AC,P5
Revere	1307 TCRIB	TRE	Y	113	AC,P5
Revere	1524 DV	DV	Y	115	AC,P5
Revere	1839 TC	TRE	Y	116	AC,P5
Seed Consultants	SC1134AM	AM	Y	113	Lum,L1
Seed Consultants	SC1154AM	AM	Y	115	Lum,L1
Seed Consultants	SC1183AM	AM	Y	118	Lum,L1
Seedway	SW 1421VT	VT2P	Y	114	AC,P5
Seedway	SW 1579SS	STX	Y	115	AC,P5
Seedway	SW 1661SS	STX	Y	116	AC,P5

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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GC Grower Comparison product included by FIRST when space permits.

### Corn Silage Technologies

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3000GT	Agrisure® 3000GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AM	Optimum® AcreMax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PC	PowerCore®
QR	Qrome®
STX	SmartStax®
TRE	Trecepta®
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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### Corn Silage Seed Treatments\*

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NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B360	Acceleron® Poncho 500/Votivo with BioRise™ B-360 ST
AVC	Avicta® Complete Corn
CM,C2	CruiserMaxx® 250
CM,C5	CruiserMaxx® 500
Lum,L1	LumiGEN™, Lumisure 1250
Tr	Treated - unspecified treatment

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