

2023 Silage Harvest Report for Pennsylvania Central [PACE]

Adams Farms, Steve Adams, Perry County, PA 17066 [NEW BLOOMFIELD]

PREV. CROP/HERB: Soybeans / Glyphosate

SOIL INFORMATION: Kreamer Cherty silt loam, mod. well drained, no-till, medium P, medium K, 5.2 pH, 3.3% OM, non-irrigated

UNITS N-P-K Applied: 264-105-185, N Applied: 95 Fall, 100 Spring, 69 Planter

PEST MANAGEMENT: Ethos, Lexar, Atrazine

SEEDED - RATE: May 19 32,500 /A

HARVESTED - STAND: Sep 22 34,000 /A



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

105 - 116 Day CRM

L2023PACE24

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	
Augusta	A1165	VT2P	115	35.8	34.7	36.4	8.5	42.8	60.55	0.83	31.5	52.8	10.0	3,715	6	46,544
Hubner	H0881D	VT2P	108	35.5	33.8	38.7	8.3	43.6	57.15	0.82	31.1	51.5	9.2	3,664	10	45,568
Augusta	A4465	DV	115	35.8	34.8	35.0	8.9	39.6	62.98	0.80	34.0	53.5	10.3	3,593	17	44,977
Seedway	SW1162VT	VT2P,B	111	33.6	32.1	35.8	8.4	45.5	61.41	0.84	29.5	54.7	8.8	3,823	2	44,918
Seed Consultants	SCS 1122Q	QR	112	33.7	33.8	34.1	8.5	43.5	61.41	0.82	31.4	55.6	9.7	3,719	4	43,828
Mid-Atlantic	MA5161DV	DV	116	34.6	34.2	34.9	8.7	37.2	64.21	0.79	34.9	54.4	9.5	3,583	18	43,431
Hubner	H6663RCSS	STX	113	33.8	34.1	34.1	8.5	38.8	60.37	0.80	33.9	53.5	10.0	3,652	12	43,198
Seed Consultants	SC1093AM	AM	109	33.6	35.6	33.9	8.5	39.6	64.87	0.80	33.7	52.4	10.7	3,666	9	43,117
Augusta	A1964	3110	114	33.1	33.4	33.5	9.2	39.8	63.98	0.80	32.2	52.9	9.9	3,713	7	42,971
Mid-Atlantic	MA5124 3110	3110	112	33.8	33.1	34.3	9.0	38.5	59.49	0.78	34.1	51.8	10.9	3,625	14	42,932
Seed Consultants	SC1154AM	AM	115	34.1	34.7	34.2	9.4	33.5	61.53	0.76	37.0	57.1	10.5	3,599	16	42,917
Chemgro	6929RSX	STX	109	33.2	34.2	38.8	8.5	42.8	55.97	0.81	31.7	51.1	9.7	3,630	13	42,176
Seedway	SW 1188SS	STX	111	35.0	34.5	36.1	8.7	34.3	62.09	0.74	38.5	52.3	11.9	3,435	24	42,122
Seed Consultants	SC1094Q	QR	109	31.2	33.8	35.1	8.7	44.2	57.98	0.83	30.0	55.3	8.8	3,824	1	41,807
Revere	0518 VT2PRIB	VT2P	105	32.2	33.9	41.7	8.4	44.1	69.54	0.82	31.0	51.3	8.3	3,694	8	41,635
Seedway	SW 0999SS	STX	109	32.0	35.1	40.9	8.9	46.6	53.07	0.85	28.9	53.1	8.4	3,718	5	41,603
Pine Creek	R6018DV	DV	110	35.5	33.8	37.7	8.3	37.3	61.23	0.77	37.2	49.4	12.2	3,336	29	41,448
Hubner	H0475P	STXP	104	32.1	34.0	40.6	8.7	43.4	55.35	0.82	31.9	53.9	8.8	3,664	11	41,120
Augusta	A6362	DV	112	34.9	34.7	35.1	8.9	35.0	63.82	0.77	37.6	52.4	11.6	3,361	28	41,093
Augusta	A1265	DV	115	31.1	35.0	35.9	8.0	45.5	68.45	0.83	29.3	50.6	9.6	3,733	3	40,679
Mid-Atlantic	MA5168DV	DV	116	32.5	31.6	33.7	8.3	38.3	62.66	0.80	34.2	52.5	10.5	3,566	20	40,558
Hubner	H6755RCSS	STX	114	31.8	35.1	34.3	8.3	38.5	62.87	0.79	34.6	52.3	11.3	3,566	19	39,691
Chemgro	7539D4Z	D	115	33.2	34.8	33.6	8.0	34.3	57.10	0.74	39.8	52.5	12.1	3,371	27	39,135
Revere	1524 DV	DV	115	30.5	33.1	34.5	8.1	39.2	69.27	0.78	35.3	53.3	11.8	3,530	22	37,686
Seed Consultants	SCS 1112AM	AM	111	30.4	34.3	32.5	8.9	36.4	65.28	0.77	36.8	53.1	11.8	3,538	21	37,682
Chemgro	7045G2Z	AA	110	32.1	32.1	35.7	8.5	36.7	58.29	0.77	37.6	50.4	12.6	3,335	30	37,511
Mid-Atlantic	MA5144D	D	114	30.0	33.1	34.0	8.5	37.3	58.23	0.78	36.5	52.0	11.4	3,516	23	36,958
Chemgro	6749D4Z	D	107	30.8	34.1	36.8	8.2	37.1	65.28	0.78	36.2	49.5	11.0	3,418	25	36,884
Seed Consultants	SC1134AM	AM	113	29.3	34.1	34.4	9.3	34.4	62.46	0.75	38.8	52.9	12.4	3,383	26	34,727
Hubner	H6390RCSS	STX	108	27.2	33.7	33.3	8.9	36.9	63.07	0.79	35.4	55.4	10.4	3,605	15	34,357

Robin Kauffman

Rob Kauffman
rkmaits@aol.com, (717) 413-0763

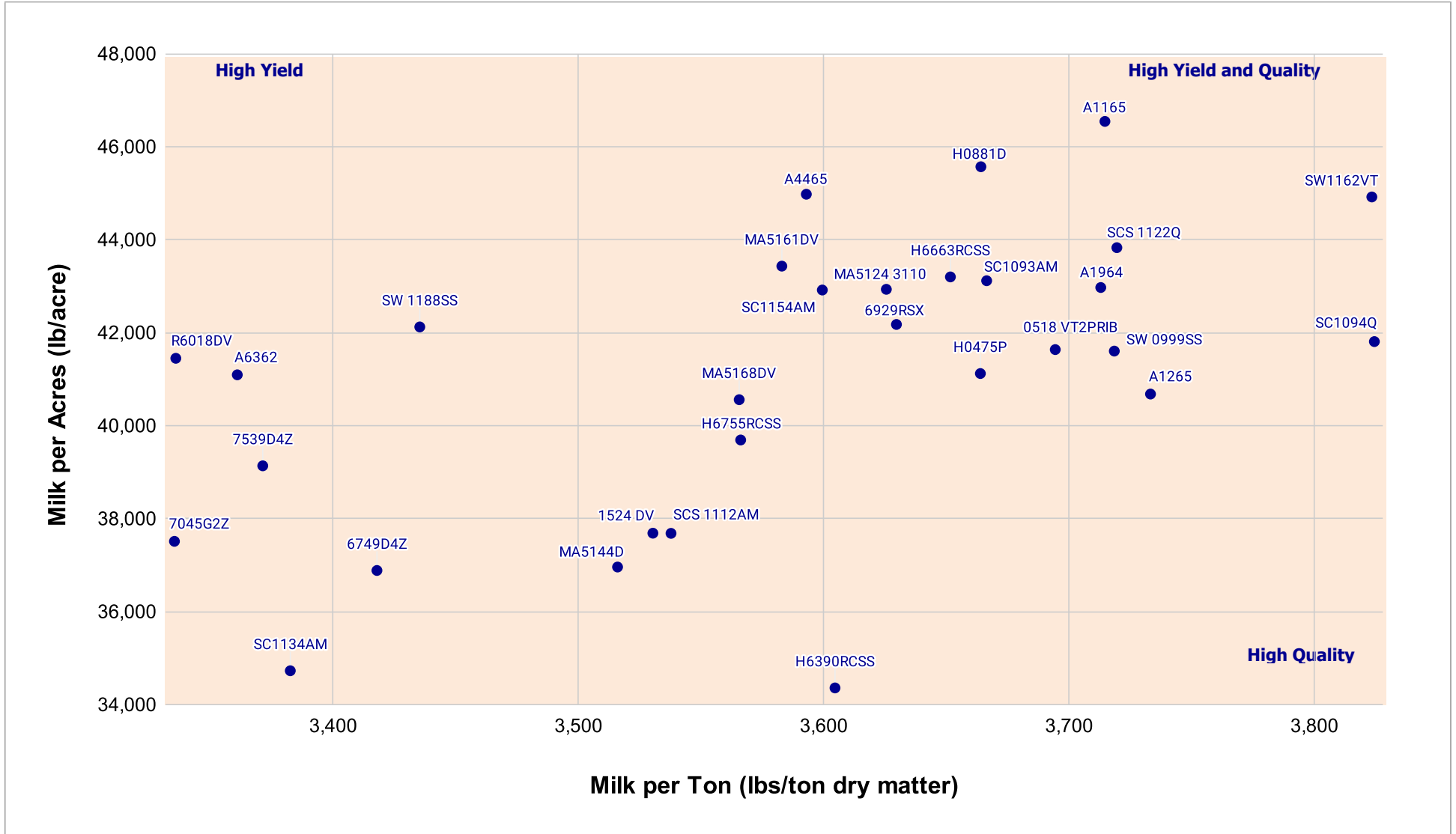
Average =	32.5	34.0	35.4	8.6	38.2	62.1	0.80	35.3	52.4	10.9	3,528	41,109
LSD(0.10) =	1.9											
LSD(0.25) =	1.0											
C.V. =	5.5											

† 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: *Excellent growing conditions for most of the summer. Soil moisture and temperature allowed for fast emergence. The only dry spell came in late May into June but that just allowed roots to go deeper. Disease pressure was light, with some Northern leaf blight on a few hybrids and anthracnose as well. The overall rating of the plot was an 8 out of 10. (10=best)*

quality data revised.

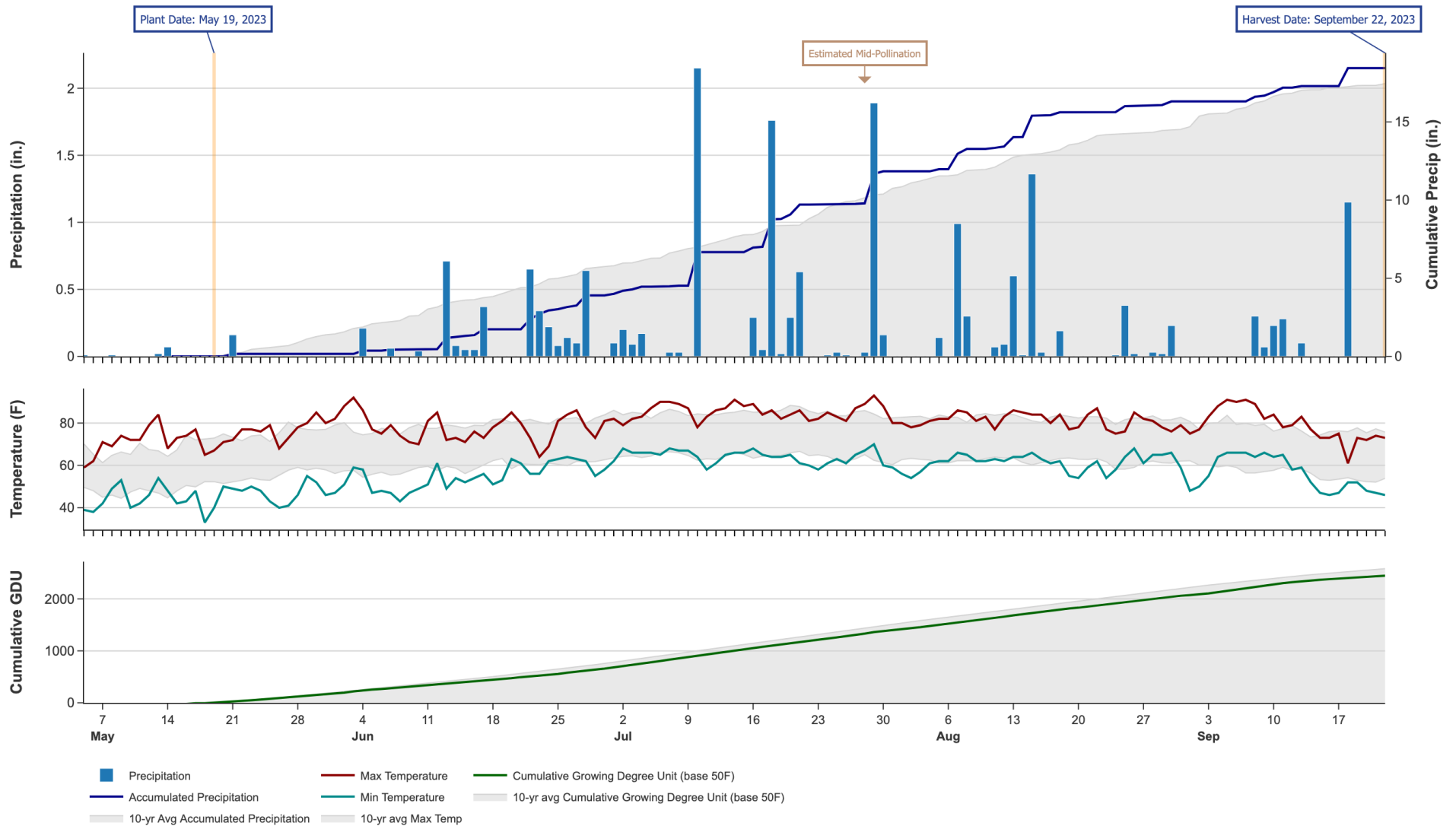
Yield vs Quality Graph



2023 Corn Silage - Pennsylvania Central [PACE]

Weather Conditions Summary at NEW BLOOMFIELD, PA

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.3 4.2 (-3.9)	3.7 4.4 (-0.6)	7.9 5.0 (+2.9)	4.5 3.8 (+0.7)	2.1 2.9 (-0.8)	18.6 20.3 (-1.7)
GDU Avg (Diff)	311 321 (-10)	496 574 (-78)	746 756 (-10)	658 690 (-32)	386 377 (+8)	2597 2720 (-123)



* 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 Central [PACE]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
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	A4465	DV	N	115	CM,C2
Augusta	A6362	DV	N	112	CM,C2
Chemgro	6749D4Z	D	Y	107	CM,C5
Chemgro	6929RSX	STX	Y	109	AC,P5V
Chemgro	7045G2Z	AA	Y	110	CM,C5
Chemgro	7539D4Z	D	Y	115	CM,C2
Hubner	H0475P	STXP	Y	104	AC,P5V,B360
Hubner	H0881D	VT2P	Y	108	AC,P5,B360
Hubner	H6390RCSS	STX	Y	108	AC,P5V,B360
Hubner	H6456RCSS	STX	Y	109	AC,P5V,B360
Hubner	H6663RCSS	STX	Y	113	AC,P5V
Hubner	H6755RCSS	STX	Y	114	AC,P5V,B360
Mid-Atlantic	MA5103D	D	Y*	110	CM,C2
Mid-Atlantic	MA5124 3110	3110	Y*	112	CM,C2
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
Pine Creek	R6018DV	DV	Y	110	Tr
Revere	0518 VT2PRIB	VT2P	Y	105	AC,P5
Revere	0918 SSXRIB	STX	Y	109	AC,P5
Revere	1307 TCRIB	TRE	Y	113	AC,P5
Revere	1524 DV	DV	Y	115	AC,P5
Seed Consultants	SC1093AM	AM	Y	109	Lum,L1
Seed Consultants	SC1094Q	QR	Y	109	Lum,L1
Seed Consultants	SC1134AM	AM	Y	113	Lum,L1
Seed Consultants	SC1154AM	AM	Y	115	Lum,L1
Seed Consultants	SCS 1112AM	AM	Y	111	Lum,L1
Seed Consultants	SCS 1122Q	QR	Y	112	Lum,L1
Seedway	SW 0999SS	STX	Y	109	AC,P5
Seedway	SW1162VT	VT2P,B	Y	111	AC,P5
Seedway	SW 1188SS	STX	Y	111	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

GC Grower Comparison product included by FIRST when space permits.

Corn Silage Technologies

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
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®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
VT2P	VT Double PRO®

Corn Silage Seed Treatments*

NA	Not Available
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® Poncho 500 with BioRise™ B-360 ST
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

* Seed treatments may include unspecified plant health promoting components.