

2022 Silage Harvest Report for Pennsylvania Southeast [PASE]

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



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

PREV. CROP/HERB: Corn, 2+ Yr / Lumax, Capreno, atrazine
 SOIL INFORMATION: Hagerstown silt loam, well drained, minimum w/o fall till, very high P, very high K, 5.6 pH, 4.0% OM, non-irrigated
 UNITS N-P-K Applied: 198-160-255, N Applied: 43 Fall, 65 Spring, 90 Sidedress
 PEST MANAGEMENT: Lumax, Ethos, Glyphosate, atrazine
 SEEDED - RATE: May 27 34,500 /A
 HARVESTED - STAND: Sep 10 30,800 /A

113 - 119 Day CRM

L2022PASE22

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	
Dyna-Gro	D58VC22	VT2P	118	23.9	30.6	37.0	7.6	40.4	60.03	0.80	34.1	60.8	10.6	3,699	5	30,941
Augusta	A9967	3000GT	117	24.0	31.7	35.5	7.7	38.0	61.34	0.77	37.0	58.2	12.6	3,511	30	29,451
Augusta	A1964	3110	114	23.1	29.4	36.1	8.0	38.9	62.71	0.79	35.1	56.1	11.5	3,551	26	28,711
Chemgro	7539D4Z	DVZ	115	22.5	29.4	37.8	8.0	45.1	55.08	0.83	29.9	55.0	10.3	3,631	13	28,639
Revere	1524 DV	DV	115	21.6	30.1	36.4	7.8	41.5	59.65	0.80	33.5	60.1	10.7	3,754	1	28,421
Augusta	A1165	VT2P	115	22.4	33.4	34.6	7.7	38.8	59.08	0.78	35.8	56.9	12.2	3,628	15	28,398
Seed Consultants	SC1183AM	AM	118	21.9	30.7	34.8	7.8	40.8	63.93	0.81	33.5	61.1	11.2	3,681	8	28,218
DeKalb	DKC62-53RIB	VT2P	115	21.5	31.7	35.4	8.3	41.9	61.20	0.81	32.8	60.2	11.1	3,722	2	28,012
Hubner	H6663RCSS	STX	113	22.1	30.4	36.9	7.5	40.5	58.12	0.80	34.7	56.3	12.0	3,586	20	27,740
Seedway	SW 1579SS	STX	115	21.3	30.7	35.0	8.1	39.7	58.02	0.80	34.2	58.7	11.4	3,713	3	27,679
Chemgro	7309RSX	STX	113	21.4	32.0	34.9	7.9	39.1	60.29	0.78	35.1	57.0	11.2	3,650	12	27,382
Mid-Atlantic	MA5166	3111	116	21.3	29.7	33.9	9.1	37.7	56.96	0.80	34.0	60.0	10.2	3,667	11	27,293
Redtail	RT 64T39-D1	DVZ	114	21.5	29.8	35.8	8.1	39.9	60.85	0.79	34.5	58.3	11.5	3,616	16	27,212
Seedway	SW 1421VT	VT2P	114	21.5	29.3	38.5	7.7	45.2	57.83	0.83	30.8	56.4	11.4	3,577	24	26,962
Dyna-Gro	D55VC80	VT2P	115	21.3	31.1	34.9	8.6	35.6	60.65	0.78	36.3	59.3	11.0	3,612	18	26,884
Augusta	A1465 VT2PRIB	VT2P	115	20.7	31.2	34.9	8.2	38.5	59.03	0.79	35.0	57.5	11.3	3,698	6	26,749
Hubner	H6755RCSS	STX	114	21.1	31.5	35.8	7.7	39.2	60.49	0.77	35.9	56.9	11.9	3,612	17	26,632
Seed Consultants	SCS 1170AM	AM	117	20.6	29.3	36.0	8.5	40.1	59.82	0.81	33.7	59.3	11.3	3,677	10	26,552
Seedway	SW 6760SS	STX	112	20.5	30.8	35.4	8.0	42.0	58.79	0.80	33.2	55.7	11.3	3,680	9	26,445
Hubner	H1330S	STX	113	21.4	32.8	35.7	7.6	36.9	60.45	0.77	37.4	56.4	13.2	3,516	29	26,372
Revere	1707 VT2P	VT2P	117	20.8	31.1	36.1	7.9	37.6	54.29	0.77	36.6	55.4	12.7	3,582	21	26,035
Chemgro	7789RSX	STX	117	20.2	28.4	36.3	8.3	40.5	60.08	0.81	32.9	61.9	11.0	3,682	7	25,992
Hubner	H1872S	STX	118	20.8	29.0	35.5	8.0	37.0	60.90	0.78	36.5	57.7	11.8	3,572	25	25,959
Revere	1307 TCRIB	TRE	113	20.4	30.6	36.5	7.6	41.2	60.61	0.80	33.8	56.2	11.5	3,630	14	25,921
Seed Consultants	SCS 1158AM	AM	115	20.9	29.6	35.0	7.7	37.8	58.53	0.78	36.3	54.8	12.6	3,516	28	25,677
Seedway	SW 1188SS	STX	111	20.6	32.2	35.0	8.1	38.2	60.32	0.77	36.5	54.9	12.4	3,547	27	25,575
Augusta	A7162	VT2P	116	19.2	31.0	33.4	8.3	38.3	59.75	0.79	35.4	60.3	11.1	3,711	4	24,980
Revere	1398 VT2PRIB	VT2P	113	19.4	31.4	38.1	8.3	41.0	54.63	0.80	33.8	58.7	11.7	3,581	22	24,359
Augusta	A4463	VT2P	113	19.3	31.2	34.3	7.8	36.2	58.57	0.77	37.4	61.3	11.2	3,602	19	24,287
Revere	1919 VT2P	VT2P	119	18.8	32.2	35.7	8.3	36.4	56.50	0.78	36.6	57.1	11.3	3,579	23	23,590

Robin Kauffman

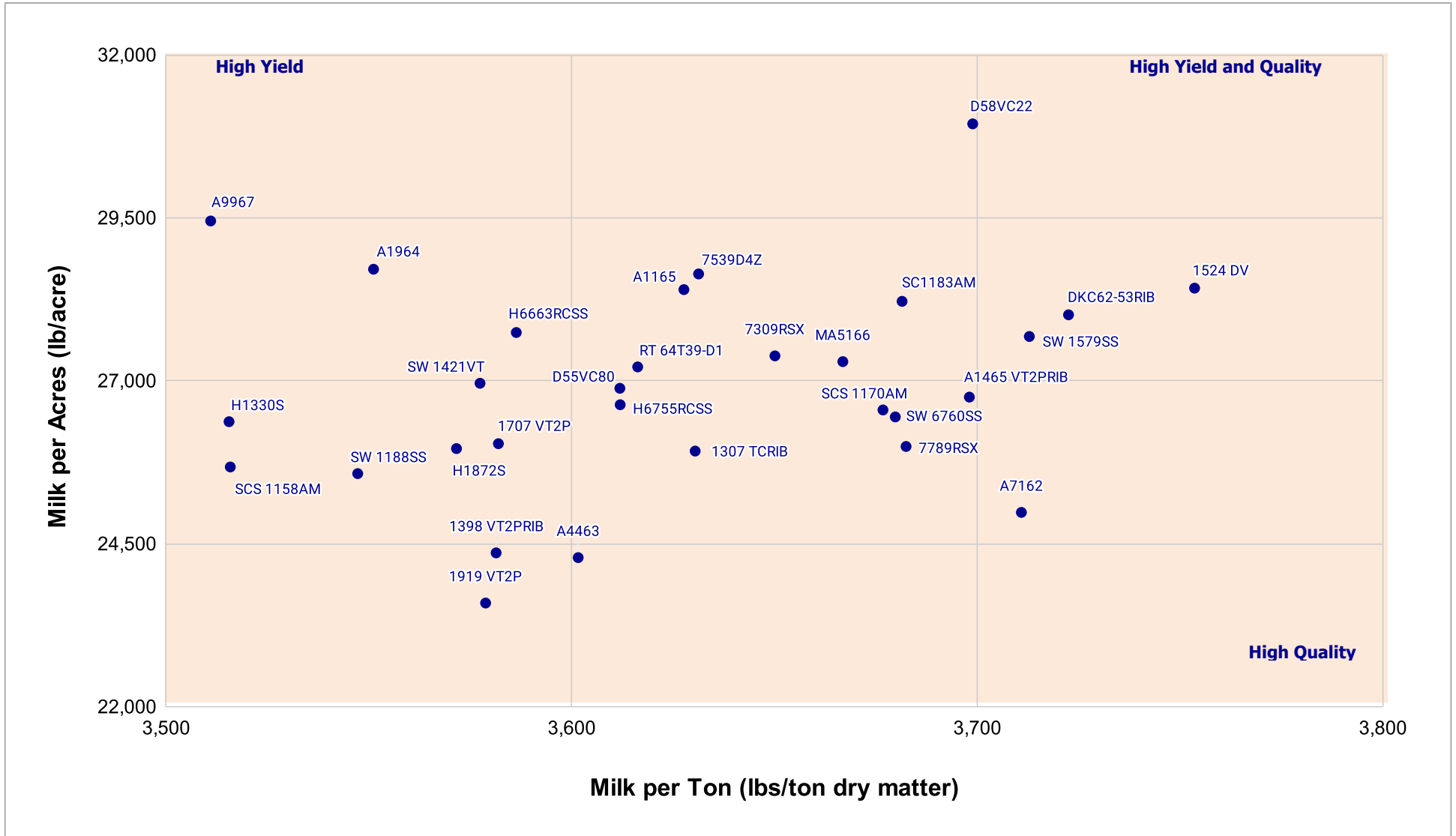
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Average =	21.2	30.8	35.7	8.0	38.8	59.3	0.80	35.3	58.0	11.6	3,598	26,902
LSD(0.10) =	1.3											
LSD(0.25) =	0.7											
C.V. =	5.8											

† 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 was wet at planting and more rain was in the forecast, so we went ahead and planted. Stands were low for what the planter was set for, but populations were consistent. There were periods through the summer when the crop was a bit under stress and could not be sure if grain was going to be in the silage. A few showers did come and kept the crop looking up. Heights were shortened due to the dry and hot temperatures but starch levels did add to the quality. The overall rating of the plot is an 8 out of 10. (10=best)*

Yield vs Quality Graph

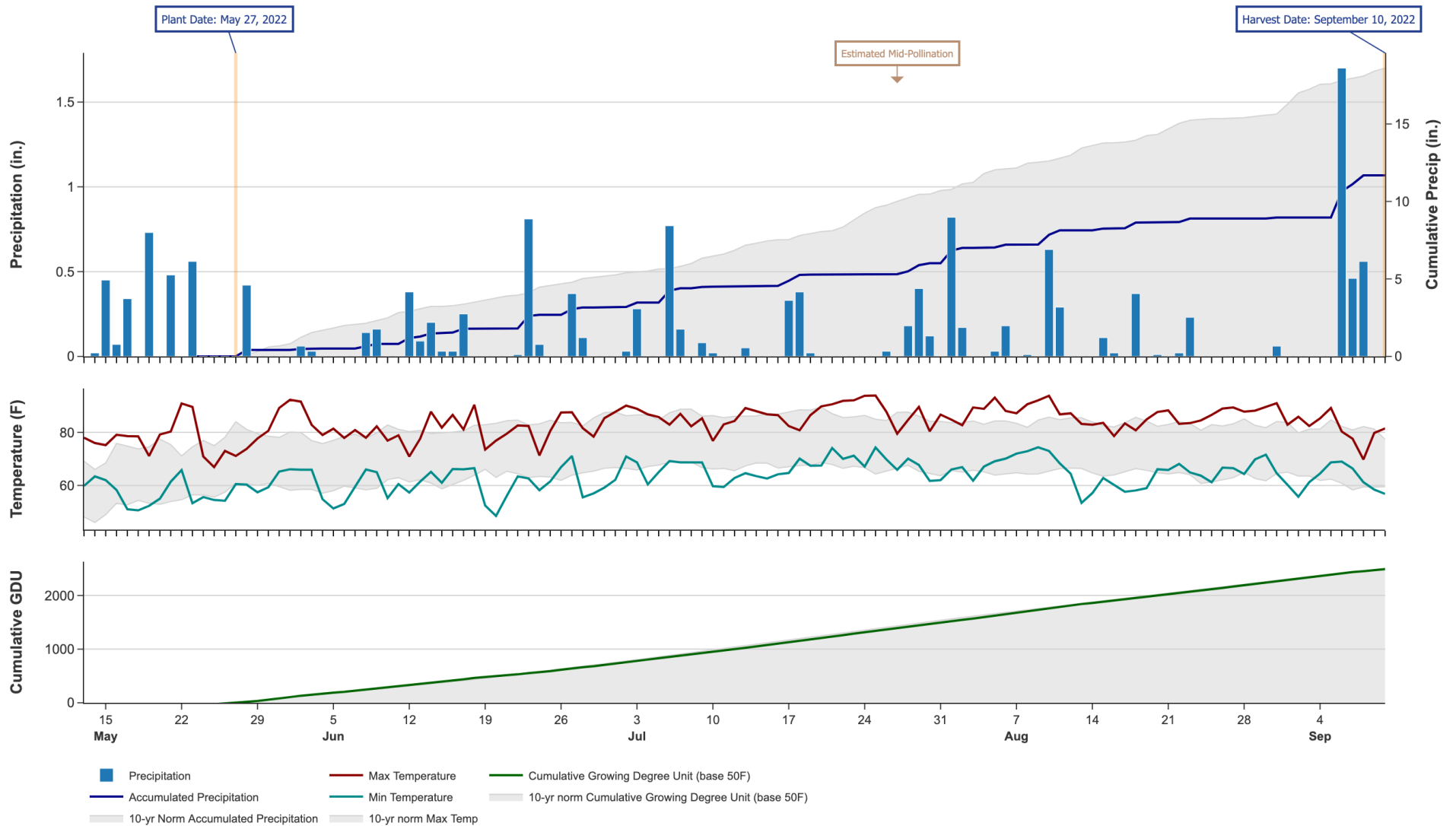


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Weather Conditions Summary at MOUNT JOY, PA

Weather Data Retrieved: 09/16/2022

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	3.1 2.7 (+0.4)	2.7 4.5 (-1.7)	2.9 5.6 (-2.7)	3.0 4.9 (-2.0)	2.7 3.0 (-0.2)	14.3 20.6 (-6.3)
GDU Normal (Diff)	334 292 (+41)	622 645 (-23)	793 814 (-21)	779 744 (+34)	217 214 (+2)	2745 2711 (+33)



* 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.

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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A1465 VT2PRIB	VT2P	Y	115	AC,P5
Augusta	A1964	3110	N	114	Tr
Augusta	A4463	VT2P	N	113	Tr
Augusta	A7162 GC	VT2P	U	116	Tr
Augusta	A9967	3000GT	N*	117	CM,C2
Brevant	B14U78SXE GC	STX,E	N*	114	Lum
Chemgro	7309RSX	STX	Y	113	AC,P5
Chemgro	7539D4Z	DVZ	Y	115	CM,C2
Chemgro	7789RSX	STX	Y	117	AC,P5
Chemgro	7799D5Z	DV	Y	117	CM,C2
DeKalb	DKC62-53RIB GC	VT2P	Y	115	AC,P5,EDC
Dyna-Gro	D55VC80	VT2P	N	115	P500
Dyna-Gro	D58VC22	VT2P	N*	118	P500
Hubner	H1330S GC	STX	Y	113	Tr
Hubner	H1872S	STX	Y	118	AC,P5V
Hubner	H6663RCSS	STX	Y	113	AC,P5V
Hubner	H6755RCSS	STX	Y	114	AC,P5V
Mid-Atlantic	MA5144	DVZ	Y	114	CM,C2
Mid-Atlantic	MA5161	DVZ	Y	116	CM,C2
Mid-Atlantic	MA5166	3111	N	116	CM,C2
Mid-Atlantic	MA8141 SSRIB	STX	Y	116	CM,C2
Redtail	RT 64T39-D1	DVZ	Y	114	CM,C2
Redtail	RT 65T09-D1	DVZ	Y	115	CM,C2
Revere	1307 TCRIB	TRE	Y	113	RP
Revere	1398 VT2PRIB	VT2P	Y	113	RP
Revere	1524 DV	DV	Y	115	RP
Revere	1707 VT2P	VT2P	Y	117	RP
Revere	1919 VT2P	VT2P	Y	119	RP
Seed Consultants	SC1183AM	AM	Y	118	Lum
Seed Consultants	SCS 1158AM GC	AM	Y	115	Lum
Seed Consultants	SCS 1170AM	AM	Y	117	Lum
Seedway	SW 1188SS	STX	Y	111	AC,P5
Seedway	SW 1421VT	VT2P	Y	114	AC,P5
Seedway	SW 1579SS	STX	Y	115	AC,P5
Seedway	SW 6760SS GC	STX	Y	112	Tr

* 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

3000GT	Agrisure® 3000GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
AM	Optimum® AcreMax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
DVZ	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
STX	SmartStax®
TRE	Trecepta®
VT2P	VT Double PRO®

Corn Silage Seed Treatments*

NA	Not Available
AC,P5	Acceleron® 500
AC,P5,EDC	Acceleron Poncho 500, B-300
AC,P5V	Acceleron® Poncho 500/Votivo
CM,C2	CruiserMaxx® 250
Lum	LumiGen
P500	Poncho 500
RP	Radius 500 (Local Seed Co)
Tr	Treated - unspecified treatment

* Seed treatments may include unspecified plant health promoting components.