

2022 Silage Harvest Report for Pennsylvania Southeast [PASE]

Frank Graybill, Lebanon County, PA [LEBANON]

PREV. CROP/HERB: Corn, 2+ Yr / Capreno, atrazine, glyphosate

SOIL INFORMATION: Readington silt loam, mod. well drained, no-till, very high P, very high K, 7.2 pH, 3.1% OM, non-irrigated

UNITS N-P-K Applied: 186-180-275, N Applied: 48 Fall, 48 Spring, 90 Sidedress

PEST MANAGEMENT: Lumax, atrazine, Ethos, Mesotrione, glyphosate

SEEDED - RATE: May 3 34,500 /A

HARVESTED - STAND: Sep 1 33,100 /A

113 - 119 Day CRM

L2022PASE19

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††		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	
Revere	1398 VT2PRIB	VT2P	113	20.9	34.6	58.1	7.4	37.7	55.57	0.73	39.2	55.2	13.9	3,042	15	22,253
Seedway	SW 1421VT	VT2P	114	19.5	33.8	60.9	7.0	48.3	53.66	0.80	30.6	53.9	11.4	3,196	6	21,853
Revere	1524 DV	DV	115	18.9	33.7	60.2	7.3	49.8	58.96	0.84	29.0	55.6	10.8	3,308	2	21,841
DeKalb	DKC62-53RIB	VT2P	115	19.1	33.1	66.0	7.1	48.1	58.43	0.82	30.4	57.5	11.0	3,220	4	21,529
Seedway	SW 1188SS	STX	111	18.9	32.6	59.3	7.8	45.1	53.89	0.80	31.8	55.4	10.7	3,258	3	21,515
Chemgro	7789RSX	STX	117	18.8	32.5	57.9	7.4	46.5	56.39	0.82	30.9	53.9	11.5	3,214	5	21,111
Chemgro	7539D4Z	DVZ	115	19.6	32.8	55.0	6.8	40.1	58.78	0.76	37.5	53.5	13.4	3,065	11	21,063
Chemgro	7799D5Z	DV	117	19.6	32.3	53.4	7.1	42.5	61.15	0.79	34.7	52.7	12.7	3,054	13	20,913
Seed Consultants	SC1183AM	AM	118	20.1	35.0	51.7	7.0	37.8	62.10	0.75	39.0	52.7	14.3	2,964	26	20,814
Dyna-Gro	D55VC80	VT2P	115	19.3	35.1	59.7	7.3	43.1	56.83	0.77	34.8	54.1	12.7	3,081	10	20,775
Hubner	H6755RCSS	STX	114	19.3	33.5	60.7	7.3	43.1	58.98	0.78	34.6	54.3	14.1	3,034	16	20,527
Seedway	SW 6760SS	STX	112	18.6	33.3	56.6	7.5	42.6	56.08	0.79	34.4	54.3	12.9	3,099	9	20,212
Augusta	A1165	VT2P	115	17.0	31.5	60.9	7.1	48.4	54.57	0.83	29.9	55.9	11.3	3,309	1	19,686
Hubner	H1872S	STX	118	18.5	34.4	57.4	7.3	40.9	57.98	0.76	36.9	52.2	14.0	2,986	24	19,369
Revere	1307 TCRIB	TRE	113	18.3	34.5	67.4	7.0	39.4	58.21	0.76	37.6	55.2	15.0	3,020	17	19,341
Revere	1707 VT2P	VT2P	117	17.9	33.6	61.2	7.1	38.9	53.90	0.75	38.9	52.4	14.2	2,987	23	18,680
Hubner	H6663RCSS	STX	113	17.8	34.7	60.4	6.4	42.8	58.42	0.77	35.8	51.5	14.0	2,997	21	18,637
Seed Consultants	SCS 1170AM	AM	117	17.0	32.7	58.1	7.3	42.6	61.21	0.77	34.7	52.7	12.0	3,118	8	18,589
Mid-Atlantic	MA5144	DVZ	114	16.2	32.9	57.6	7.3	42.9	57.66	0.78	34.6	54.3	13.3	3,128	7	17,736
Augusta	A4463	VT2P	113	16.1	34.2	62.3	7.0	41.8	55.88	0.77	36.2	54.1	14.3	3,065	12	17,308
Augusta	A9967	3000GT	117	16.3	32.4	63.5	6.9	40.1	62.26	0.76	37.4	51.3	14.1	2,998	20	17,067
Chemgro	7309RSX	STX	113	16.6	33.8	53.8	6.7	37.8	57.37	0.74	39.4	52.3	14.4	2,933	28	17,040
Revere	1919 VT2P	VT2P	119	16.2	31.4	55.5	7.6	36.7	57.69	0.74	39.8	52.7	14.1	2,994	22	16,976
Seed Consultants	SCS 1158AM	AM	115	15.9	28.9	56.5	7.3	39.3	56.91	0.75	37.3	54.8	13.0	3,043	14	16,932
Mid-Atlantic	MA5166	3111	116	15.9	31.5	54.5	7.6	38.4	59.11	0.76	38.0	51.5	13.6	3,001	19	16,701
Redtail	RT 64T39-D1	DVZ	114	15.8	30.7	55.8	7.7	36.8	56.89	0.76	38.4	52.3	14.4	3,002	18	16,599
Augusta	A7162	VT2P	116	15.5	34.8	56.0	6.8	38.1	55.67	0.75	39.5	52.1	14.2	2,932	29	15,908
Hubner	H1330S	STX	113	15.3	35.5	53.4	7.2	39.2	56.58	0.75	38.1	52.7	14.7	2,955	27	15,856
Mid-Atlantic	MA8141 SSRIB	STX	116	14.8	33.3	53.3	7.3	37.8	59.02	0.74	38.8	50.0	14.3	2,928	30	15,165
Brevant	B14U78SX	STX,E	114	13.9	31.5	52.7	8.0	30.3	60.84	0.70	44.3	62.9	13.4	2,986	25	14,491

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Average = **17.3**
LSD(0.10) = 2.4
LSD(0.25) = 1.3
C.V. = 13.1

† 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: *Planting conditions were wet and stayed wet through mid-June. Emergence was good for the wet no-till tillage. Once the summer started it became hot and dry with only scattered thunderstorms.*

Field differences were extremely evident throughout the growing season. The plot should have been harvested three weeks sooner to avoid the low moisture values. Although this plot is not easy to evaluate there are some things that can be gleaned from the data. Stay green was evident in those hybrids with higher moistures and starch digestibility. The overall rating of the plot is a 4 out of 10. (10=best)

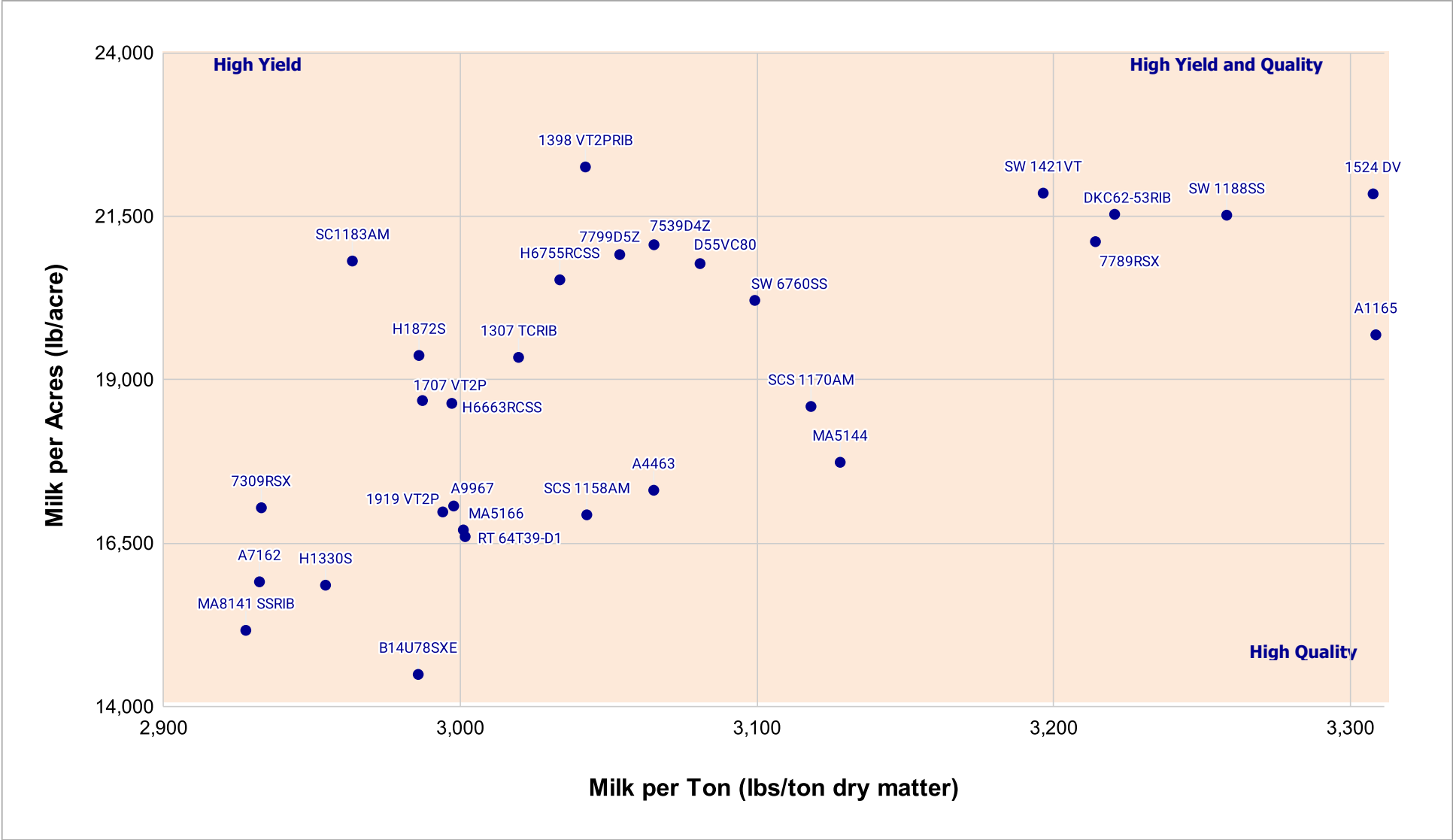
Visit us at www.firstseedtests.com

Report Date: 9/9/2022

Revised:

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Yield vs Quality Graph

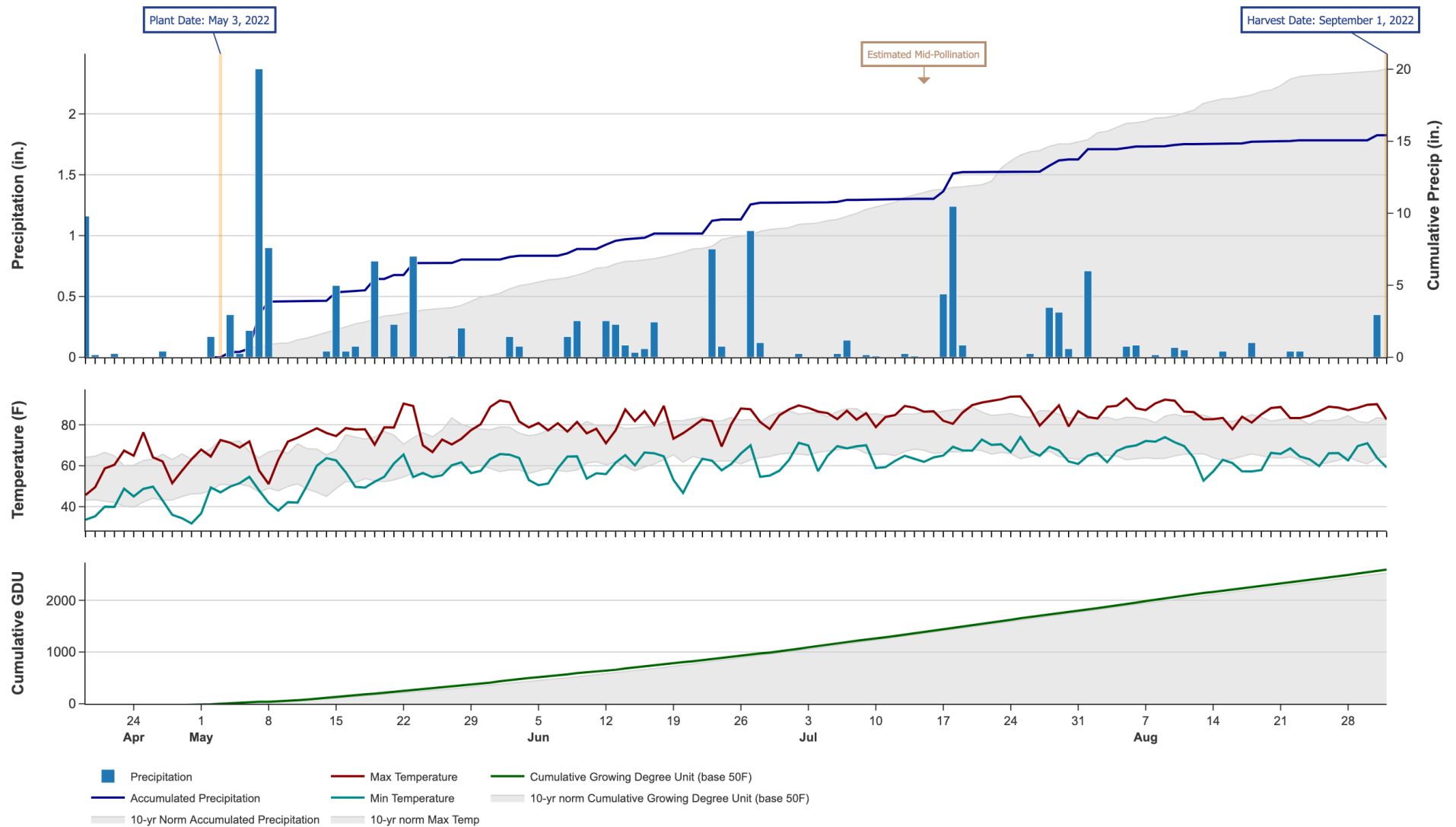


2022 Corn Silage - Pennsylvania Southeast [PASE]

Weather Conditions Summary at LEBANON, PA

Weather Data Retrieved: 09/09/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	1.3 1.3 (-0.1)	7.0 4.9 (+2.1)	3.9 4.7 (-0.7)	3.0 6.1 (-3.0)	1.7 4.9 (-3.2)	0.0 0.1 (-0.1)	16.9 21.9 (-5.1)
GDU Normal (Diff)	48 81 (-33)	436 393 (+42)	602 615 (-13)	789 797 (-8)	772 724 (+47)	21 23 (-2)	2668 2636 (+31)



* 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	B14U78SX 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
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
Redtail	RT 64T39-D1	DVZ	Y	114	CM,C2
Redtail	RT 65T09-D1	DVZ	Y	115	CM,C2
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.
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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.