

2022 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: Soybeans / glyphosate

SOIL INFORMATION: Duffield silt loam, well drained, minimum w/o fall till, very high P, very high K, 6.3 pH, 3.8% OM, non-irrigated

UNITS N-P-K Applied: 216-102-261, N Applied: 43 Fall, 173 Sidedress

PEST MANAGEMENT: Lexar, Ethos

SEEDED - RATE: May 13 34,500 /A

HARVESTED - STAND: Sep 3 31,000 /A

113 - 119 Day CRM

L2022PASE20

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	
Chemgro	7539D4Z	DVZ	115	24.8	30.5	39.1	7.9	39.8	66.19	0.78	35.4	59.7	11.3	3,531	20	30,689
Revere	1398 VT2PRIB	VT2P	113	24.2	31.0	43.1	8.2	44.5	59.06	0.83	31.0	62.5	9.5	3,597	11	30,507
Hubner	H1330S	STX	113	23.7	32.0	38.6	7.7	40.2	64.07	0.80	34.2	61.5	10.1	3,653	3	30,345
Augusta	A1165	VT2P	115	23.9	32.0	37.5	7.5	37.6	65.59	0.78	36.8	62.0	10.8	3,616	6	30,289
Mid-Atlantic	MA5166	3111	116	24.1	29.8	37.5	7.4	39.2	66.33	0.79	35.7	59.1	10.7	3,551	18	29,911
Mid-Atlantic	MA5161	DVZ	116	23.7	31.8	36.5	7.7	38.0	63.17	0.77	36.5	58.7	11.1	3,596	12	29,789
Seedway	SW 6760SS	STX	112	24.1	32.4	36.8	8.1	36.4	65.29	0.77	37.8	59.2	11.8	3,511	24	29,653
Revere	1307 TCRIB	TRE	113	23.5	31.6	39.6	7.6	40.5	62.91	0.79	35.1	58.9	10.3	3,600	8	29,652
Seedway	SW 1579SS	STX	115	23.4	31.6	39.4	7.9	41.5	64.22	0.81	33.5	60.6	10.1	3,611	7	29,531
Seed Consultants	SC1183AM	AM	118	23.1	30.1	36.9	7.5	36.9	67.86	0.76	37.5	61.7	10.6	3,639	4	29,423
Dyna-Gro	D55VC80	VT2P	115	24.0	31.5	36.8	7.6	35.5	65.37	0.76	38.7	58.1	11.3	3,507	25	29,416
Mid-Atlantic	MA5144	DVZ	114	23.5	28.8	38.5	7.5	41.6	67.99	0.80	34.3	59.6	11.4	3,558	17	29,220
Chemgro	7799D5Z	DV	117	23.6	30.7	37.9	7.8	37.2	67.44	0.77	37.0	59.7	11.3	3,504	26	28,986
Augusta	A1465 VT2PRIB	VT2P	115	23.6	30.1	39.6	7.9	39.5	62.18	0.78	35.6	57.4	12.5	3,477	28	28,762
Revere	1919 VT2P	VT2P	119	21.6	32.7	36.3	8.2	38.3	65.36	0.80	34.9	61.3	10.0	3,744	1	28,303
Seed Consultants	SCS 1170AM	AM	117	23.0	31.6	37.0	7.6	39.0	67.43	0.77	36.2	56.2	11.9	3,515	21	28,294
Revere	1524 DV	DV	115	21.6	31.9	37.4	7.1	42.4	66.05	0.81	33.2	59.9	10.0	3,740	2	28,228
Redtail	RT 64T39-D1	DVZ	114	23.1	29.1	38.6	7.7	40.3	65.29	0.79	35.0	59.6	11.3	3,482	27	28,149
Seedway	SW 1421VT	VT2P	114	22.5	31.6	36.9	7.5	39.1	67.06	0.78	36.2	58.6	11.8	3,579	14	28,139
Revere	1707 VT2P	VT2P	117	22.8	31.3	38.7	7.8	37.3	61.31	0.79	36.6	58.5	12.4	3,514	22	28,038
Hubner	H6755RCSS	STX	114	22.3	32.0	37.0	7.2	38.6	64.61	0.78	36.6	59.5	11.2	3,584	13	28,012
Chemgro	7789RSX	STX	117	22.3	30.7	35.6	7.7	34.9	65.79	0.77	38.7	61.0	11.7	3,571	15	27,869
Augusta	A1964	3110	114	23.1	30.2	35.4	7.1	37.0	68.14	0.76	38.3	56.5	11.9	3,449	30	27,848
Mid-Atlantic	MA8141 SSRIB	STX	116	22.1	31.4	39.0	8.3	39.0	64.15	0.79	34.8	61.6	10.8	3,599	10	27,841
Seed Consultants	SCS 1158AM	AM	115	21.8	24.7	37.5	7.8	39.0	64.65	0.78	35.7	60.6	11.0	3,621	5	27,582
Augusta	A7162	VT2P	116	22.7	32.3	39.1	7.7	37.6	62.90	0.78	37.2	58.6	11.7	3,462	29	27,506
Hubner	H6663RCSS	STX	113	22.2	33.4	36.8	7.4	37.4	65.06	0.78	37.3	58.4	12.1	3,513	23	27,339
DeKalb	DKC62-53RIB	VT2P	115	21.5	29.7	39.9	7.6	41.3	61.26	0.79	34.7	58.6	11.1	3,570	16	26,866
Redtail	RT 65T09-D1	DVZ	115	21.2	28.7	35.2	7.1	36.4	67.21	0.76	37.6	61.0	10.9	3,600	9	26,709
Hubner	H1872S	STX	118	21.2	31.9	35.3	7.9	34.9	69.77	0.76	39.1	59.8	11.9	3,532	19	26,205

Average = **22.7** **31.0** **37.6** **7.6** **38.0** **65.2** **0.80** **36.7** **59.5** **11.3** **3,535** **28,637**
 LSD(0.10) = 1.5
 LSD(0.25) = 0.8
 C.V. = 6.4

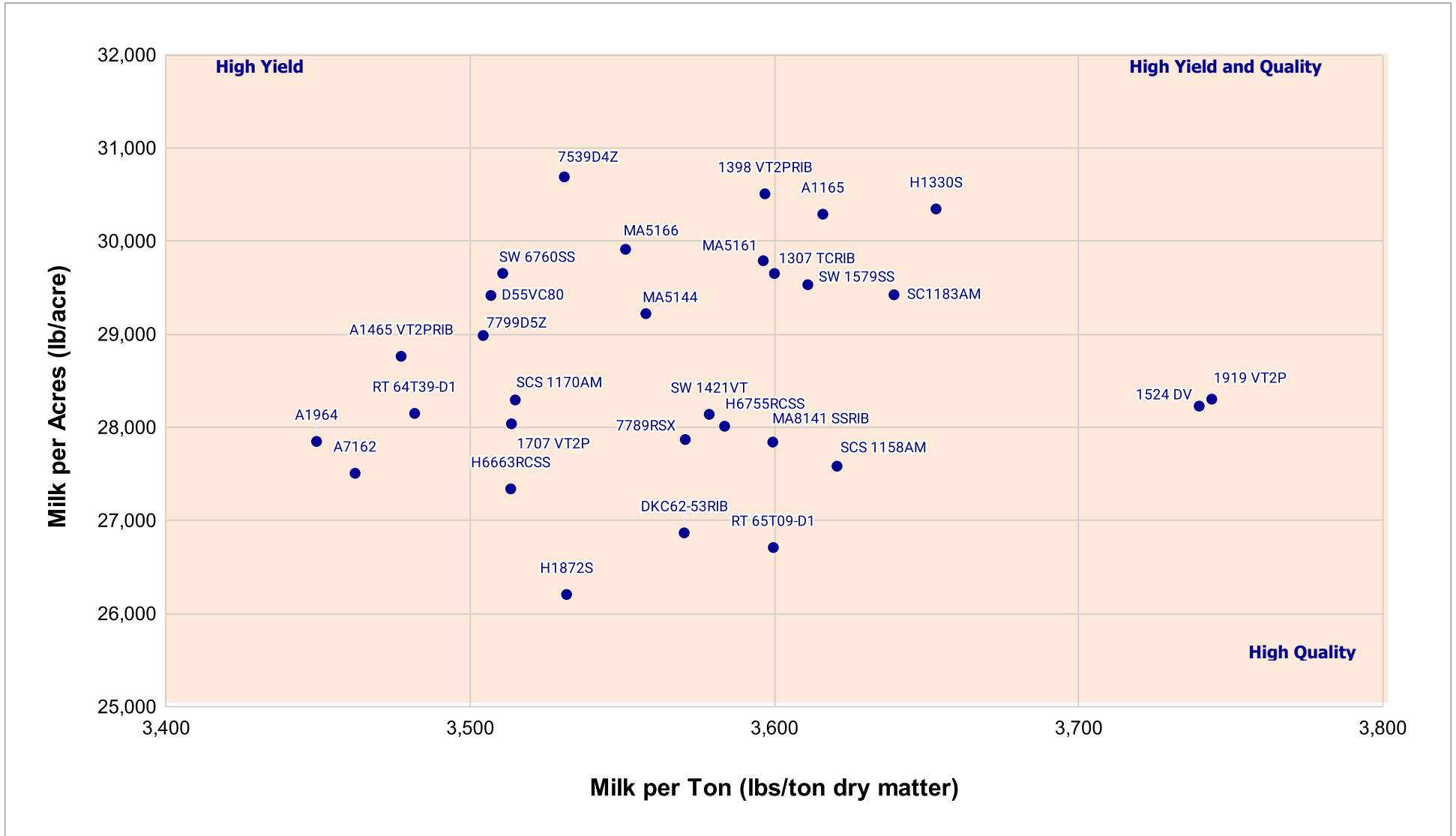
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† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from Rock River data using Milk2006 Traditional 48 hour. *Traditional Goering & Van Soest, Cornell University Method. **Bold** values significantly better than test average. **ns** = not significant

TEST COMMENTS: *Planting conditions were good at the start. Brief showers interrupted planting, but we were able to finish the same day. The growing season saw just enough rain to keep corn moving along. Brief dry periods and above-average heat kept this crop from being a bumper yield. The grain to stover ratio was very good. The rating of the plot is an 8 out of 10. (10=best)*

Yield vs Quality Graph

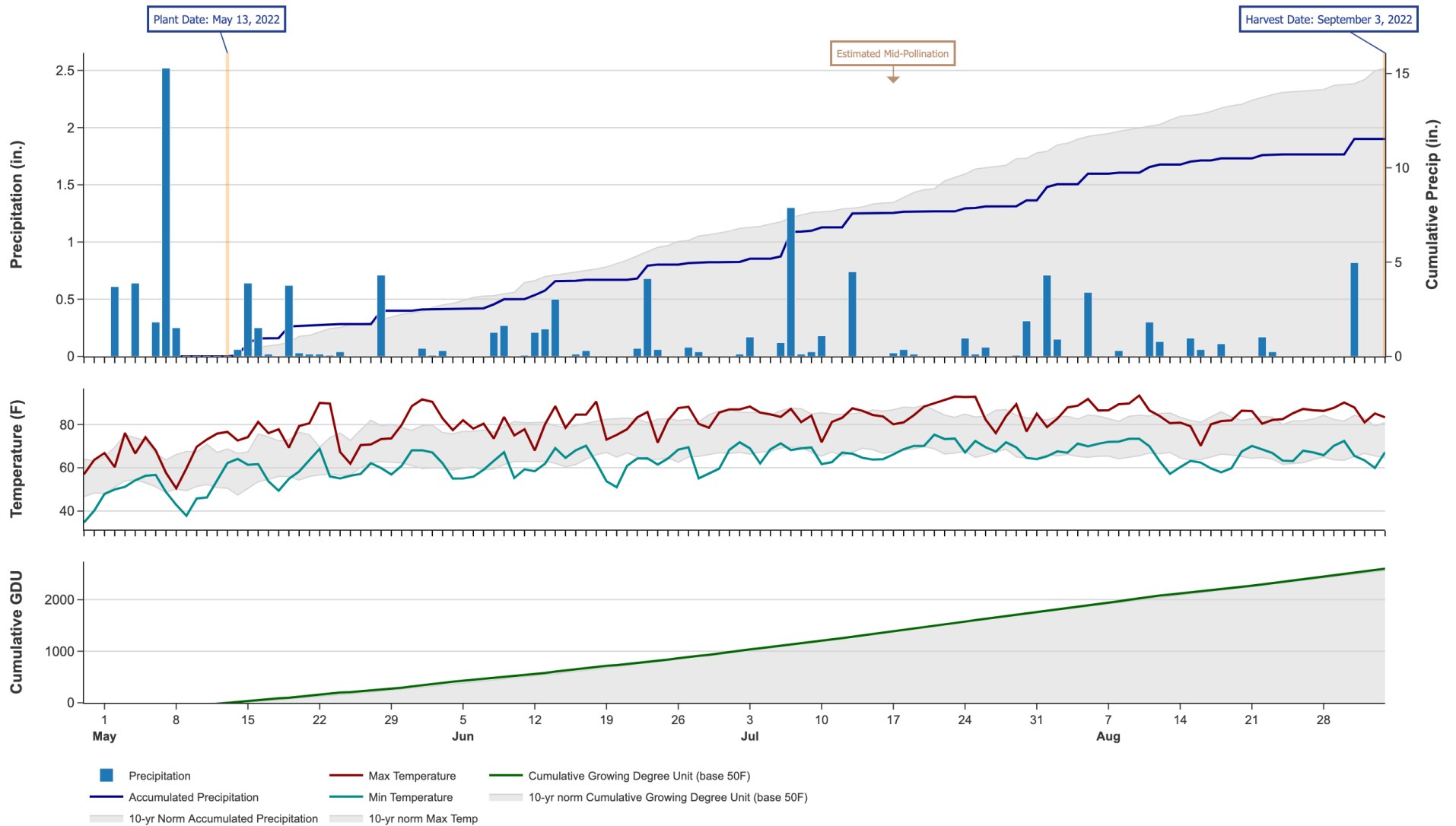


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Weather Conditions Summary at GREENCASTLE, PA

Weather Data Retrieved: 09/15/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	0.0 0.3 (-0.3)	6.7 4.3 (+2.5)	2.6 4.2 (-1.7)	3.3 4.3 (-1.0)	3.3 3.7 (-0.4)	0.0 0.8 (-0.8)	15.8 17.6 (-1.7)
GDU Normal (Diff)	7 13 (-6)	443 420 (+22)	634 650 (-16)	801 811 (-10)	778 742 (+35)	70 69 (0)	2733 2707 (+25)



* 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.