

2022 Silage Harvest Report for Pennsylvania Central [PACE]

Wade Wolfe, Centre County, PA 16828 [CENTRE HALL]



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

PREV. CROP/HERB: Soybeans / glyphosate

SOIL INFORMATION: Hegerstown silt loam, well drained, no-till, very high P, very high K, 4.7 pH, 3.8% OM, non-irrigated

UNITS N-P-K Applied: 155-75-165, N Applied: 50 Fall, 45 Spring, 60 Sidedress

PEST MANAGEMENT: Hallex GT, Ethos, glyphosate, atrazine

SEEDED - RATE: May 23 34,500 /A

HARVESTED - STAND: Sep 28 31,700 /A

105 - 119 Day CRM

L2022PACE24

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	
Revere	1398 VT2PRIB	VT2P	113	22.9	32.9	40.8	8.6	45.8	58.52	0.87	28.7	66.4	7.7	3,796	16	30,468
Dyna-Gro	D48VC84	VT2P	108	23.0	32.4	38.4	8.2	41.6	59.17	0.83	32.0	62.7	9.3	3,770	20	30,302
Seedway	SW 1188SS	STX	111	22.8	30.5	37.5	8.7	39.8	61.69	0.82	32.5	67.2	8.2	3,794	17	30,231
Seedway	SW 1345TR	TRE	113	22.3	31.0	37.6	8.3	46.6	60.78	0.86	28.6	65.2	8.0	3,819	3	29,850
Hubner	H05G716	VT2PDG	105	22.4	33.1	39.4	8.7	45.6	61.40	0.84	28.4	62.5	7.5	3,811	10	29,833
Mid-Atlantic	MA5168	V	116	22.3	31.8	32.9	8.4	39.5	63.23	0.83	33.3	62.3	9.4	3,758	23	29,377
Augusta	A1964	3110	114	21.9	31.2	36.3	8.8	44.9	62.62	0.85	28.7	68.1	7.2	3,806	13	29,217
Dyna-Gro	D55VC80	VT2P	115	21.9	32.7	36.9	8.6	42.5	59.69	0.84	31.2	63.1	9.5	3,782	18	29,031
Mid-Atlantic	MA5144	DVZ	114	21.8	31.6	34.7	8.9	42.9	64.72	0.83	31.4	63.3	8.4	3,804	14	28,983
Augusta	A1165	VT2P	115	21.6	32.3	36.2	8.0	41.9	61.07	0.82	32.2	62.3	9.3	3,814	8	28,876
Mid-Atlantic	MA5083-5122-EZ	D	108	22.1	32.5	37.4	8.1	41.8	62.39	0.81	33.0	61.9	8.8	3,705	30	28,704
Mid-Atlantic	MA5103	DVZ	110	21.1	31.1	37.0	8.4	45.0	65.12	0.85	29.2	64.3	7.9	3,814	9	28,163
Mid-Atlantic	MA5161	DVZ	116	21.1	31.6	34.9	8.0	45.2	62.84	0.85	30.2	62.4	8.5	3,817	5	28,142
Chemgro	6929RSX	STX	109	21.5	32.8	40.0	8.6	42.6	59.46	0.84	30.6	64.7	9.1	3,730	27	28,111
Hubner	H0881D	VT2P	108	21.0	31.5	36.6	8.4	41.8	61.54	0.84	31.9	65.3	9.2	3,816	6	28,002
Chemgro	7309RSX	STX	113	20.9	32.4	36.6	9.2	42.3	58.97	0.84	30.9	70.0	7.7	3,796	15	27,814
Hubner	H6390RCSS	STX	108	20.7	32.2	39.6	8.3	44.8	58.63	0.86	28.7	65.3	8.0	3,815	7	27,682
Revere	1524 DV	DV	115	20.5	31.3	35.2	8.2	45.8	63.09	0.87	28.6	60.2	8.5	3,825	1	27,443
Revere	0918 SSXRIB	STX	109	20.3	31.4	36.5	8.3	44.2	61.23	0.85	29.8	63.4	8.6	3,818	4	27,125
Revere	1307 TCRIB	TRE	113	20.2	31.6	37.7	8.3	46.9	59.01	0.86	27.7	63.9	8.1	3,825	2	27,085
Chemgro	6835V4Z	V	108	20.3	31.4	33.6	8.4	40.9	63.49	0.83	32.4	65.1	8.8	3,806	12	26,997
Seed Consultants	SCS 1071AM	AM	107	20.3	31.9	35.4	8.9	39.0	63.28	0.81	34.0	63.9	9.6	3,748	25	26,671
Seed Consultants	SCS 1112AM	AM	111	20.1	31.3	30.9	8.6	37.4	67.36	0.79	36.4	60.9	10.7	3,707	29	26,124
Seedway	SW 6760SS	STX	112	19.4	32.9	35.6	9.2	37.8	60.17	0.82	35.1	65.2	10.3	3,762	22	25,499
Hubner	H6456RCSS	STX	109	19.2	31.6	34.1	8.4	39.9	59.14	0.83	32.6	61.3	9.8	3,766	21	25,304
Hubner	H0570S	STX	105	19.3	30.9	38.2	8.9	39.0	58.79	0.82	33.2	63.5	9.0	3,745	26	25,257
Mid-Atlantic	MA8128-VT2PRIB	VT2P	112	18.6	32.4	38.2	8.2	44.4	58.85	0.85	30.2	64.1	9.1	3,774	19	24,523
Seed Consultants	SCS 1122Q	QR	112	18.1	32.8	31.9	8.8	43.4	64.50	0.86	29.7	65.5	7.8	3,806	11	24,158
Augusta	A1059 3330	VZ	109	18.2	29.2	37.2	9.0	37.9	63.55	0.82	33.7	65.3	7.8	3,751	24	23,940
Augusta	A4463	VT2P	113	17.7	32.4	35.4	8.7	38.3	57.74	0.81	35.2	63.0	11.2	3,720	28	23,045

Robin Kauffman

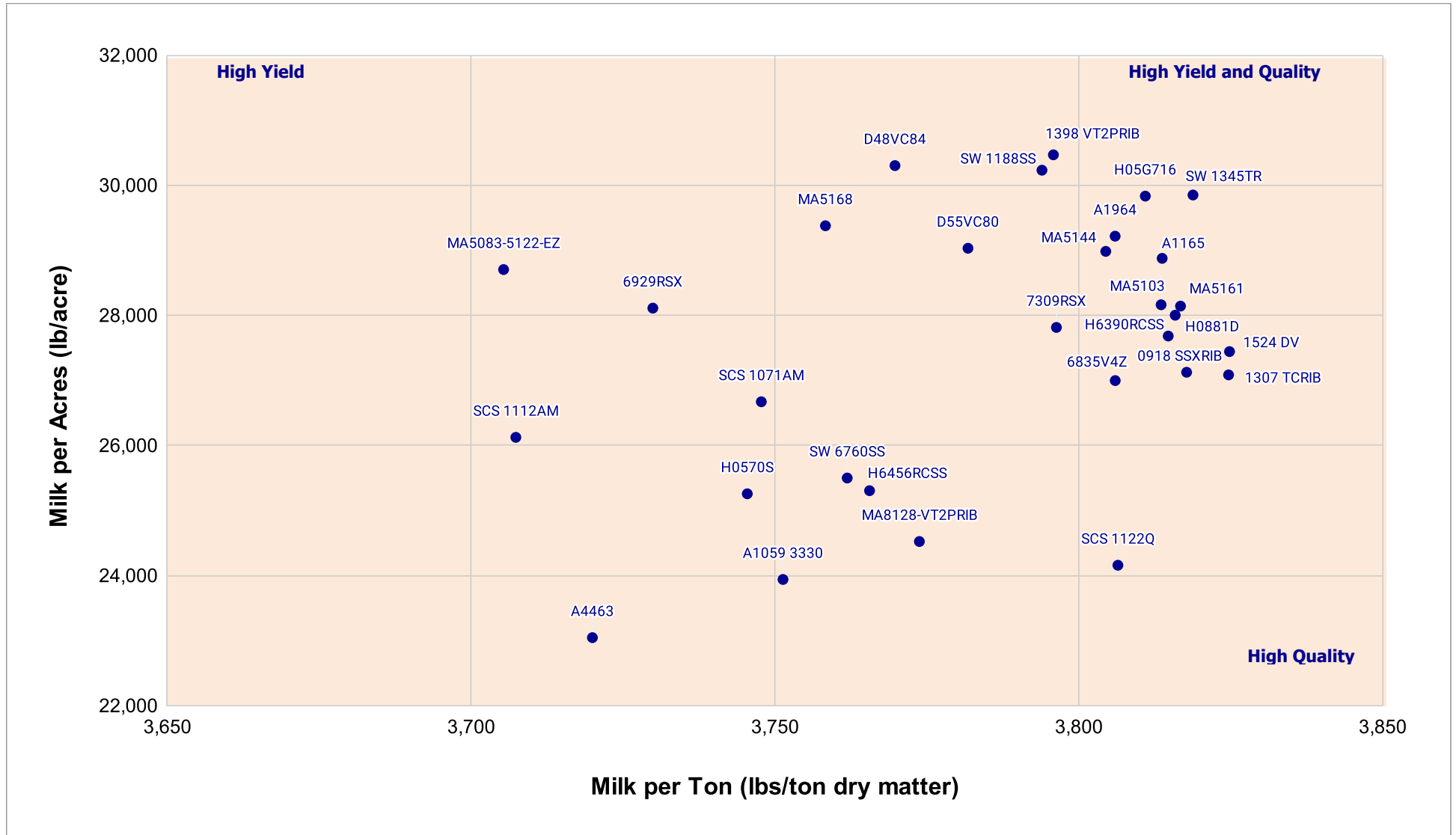
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Average =	20.6	31.7	36.7	8.5	42.1	61.4	0.80	31.6	64.1	8.8	3,760	27,532
LSD(0.10) =	2.0											
LSD(0.25) =	1.0											
C.V. =	9.0											

† 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: Like most of the spring of 2022, planting conditions were cool and wet. Corn emerged uniformly and got off to a decent start. June and early July turned hot and dry, and in early July it looked like a disaster crop was on the way. Rainfall did pick up late July through August and did make good earfill. Tonnage was down but starch content was excellent. The overall rating of the plot is 7 out of 10. (10=best)

Yield vs Quality Graph

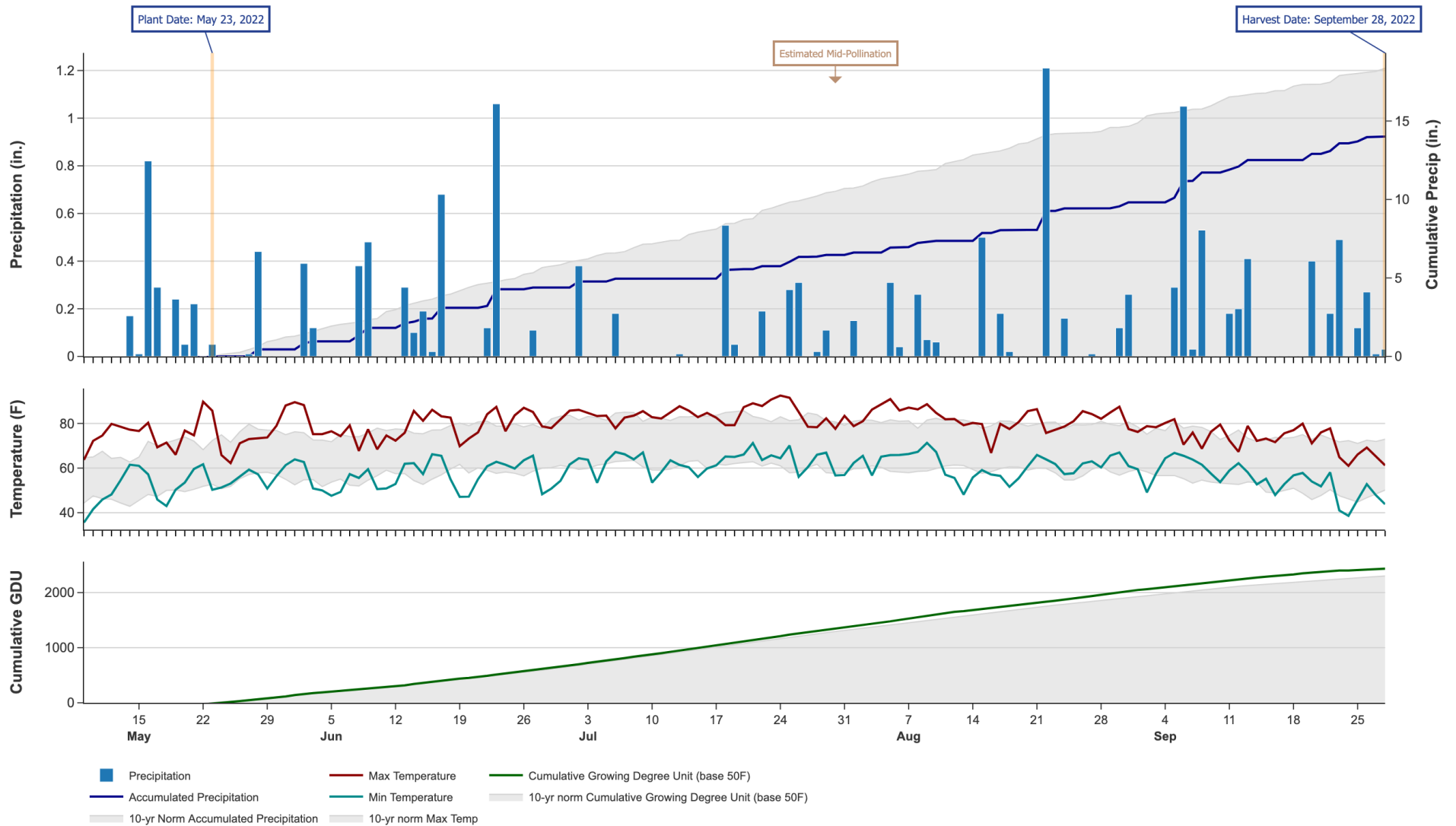


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Weather Conditions Summary at CENTRE HALL, PA

Weather Data Retrieved: 10/06/2022

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	2.3 3.5 (-1.2)	3.9 4.6 (-0.7)	2.1 4.9 (-2.8)	3.4 4.0 (-0.6)	4.2 3.7 (+0.5)	15.9 20.6 (-4.8)
GDU Normal (Diff)	329 266 (+62)	536 510 (+25)	711 676 (+34)	668 608 (+59)	404 381 (+22)	2648 2443 (+204)



* 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	A1059 3330	VZ	N	109	CM,C2
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A1459	CONV	N	109	Tr
Augusta	A1964	3110	N	114	Tr
Augusta	A4463	VT2P	N	113	Tr
Brevant	B06B78SXE GC	STX,E	N*	106	Lum
Chemgro	6835V4Z	V	Y	108	CM,C2
Chemgro	6929RSX	STX	Y	109	AC,P5
Chemgro	7139DVZ	DVZ	Y	111	CM,C2
Chemgro	7309RSX	STX	Y	113	AC,P5
Dyna-Gro	D48VC84	VT2P	N*	108	P500
Dyna-Gro	D55VC80	VT2P	N	115	P500
Hubner	H0570S	STX	Y	105	AC,P5V
Hubner	H05G716	VT2PDG	Y	105	P500
Hubner	H0881D	VT2P	Y	108	P500
Hubner	H6390RCSS	STX	Y	108	AC,P5V
Hubner	H6456RCSS	STX	Y	109	AC,P5V
Mid-Atlantic	MA5083-5122-EZ	D	Y	108	CM,C2
Mid-Atlantic	MA5103	DVZ	Y	110	CM,C2
Mid-Atlantic	MA5144	DVZ	Y	114	CM,C2
Mid-Atlantic	MA5161	DVZ	Y	116	CM,C2
Mid-Atlantic	MA5168	V	N	116	CM,C2
Mid-Atlantic	MA8128-VT2PRIB	VT2P	N*	112	CM,C2
Revere	0516 3010	3010	N	105	RP
Revere	0518 VT2PRIB	VT2P	Y	105	RP
Revere	0918 SXRIB	STX	Y	109	RP
Revere	1307 TCRIB	TRE	Y	113	RP
Revere	1398 VT2PRIB	VT2P	Y	113	RP
Revere	1524 DV	DV	Y	115	RP
Seed Consultants	SC1093AM	AM	Y	109	Lum
Seed Consultants	SCS 1071AM	AM	Y	107	Lum
Seed Consultants	SCS 1112AM	AM	Y	111	Lum
Seed Consultants	SCS 1122Q	QR	Y	112	Lum
Seedway	SW 1188SS	STX	Y	111	AC,P5
Seedway	SW 1345TR	TRE	Y	113	AC,P5
Seedway	SW 6760SS	STX	Y	112	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

3010	Agrisure® 3010 (CB,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AM	Optimum® AcreMax®
CONV	Conventional
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
DVZ	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

Corn Silage Seed Treatments*

NA	Not Available
AC,P5	Acceleron® 500
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.