

2022 Silage Harvest Report for Pennsylvania Central [PACE]

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

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

SOIL INFORMATION: Kreamer Cherty silt loam, mod. well drained, no-till, very high P, very high K, 6.5 pH, 4.5% OM, non-irrigated

UNITS N-P-K Applied: 190-165-195, N Applied: 45 Fall, 80 Planter, 65 Sidedress

PEST MANAGEMENT: Lexar, Simazine, Ethos

SEEDED - RATE: Jun 3 34,500 /A

HARVESTED - STAND: Sep 24 30,700 /A

105 - 119 Day CRM

L2022PACE26

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	
Seed Consultants	SCS 1112AM	AM	111	25.4	30.1	35.4	7.6	42.8	65.12	0.81	33.5	59.2	11.1	3,697	1	32,866
Seed Consultants	SC1093AM	AM	109	25.1	31.1	37.6	7.5	38.8	64.43	0.78	37.1	64.1	11.0	3,549	16	31,135
Augusta	A1165	VT2P	115	24.1	30.6	38.8	7.6	42.1	62.87	0.81	34.0	61.7	10.5	3,561	15	30,038
Dyna-Gro	D55VC80	VT2P	115	23.7	31.4	36.5	8.0	37.5	66.03	0.79	36.9	62.4	11.4	3,581	11	29,706
Revere	1524 DV	DV	115	23.0	32.5	37.1	7.3	44.3	63.52	0.83	32.0	57.9	10.2	3,664	3	29,540
Chemgro	7139DVZ	DVZ	111	23.4	30.9	40.5	7.8	45.2	57.35	0.83	31.1	58.7	10.2	3,595	10	29,403
Revere	1398 VT2PRIB	VT2P	113	23.5	31.1	36.9	7.5	42.4	61.50	0.81	33.6	58.4	11.3	3,564	14	29,352
Chemgro	7309RSX	STX	113	23.3	31.1	39.5	8.1	43.0	58.82	0.81	32.7	60.0	10.6	3,604	9	29,345
Brevant	B06B78SXE	STX,E	106	23.5	30.6	38.5	7.4	41.2	61.82	0.80	34.6	58.6	9.9	3,531	18	29,082
Mid-Atlantic	MA8128-VT2PRIB	VT2P	112	23.1	30.9	38.8	8.2	41.9	59.74	0.81	33.7	60.0	10.8	3,568	12	28,892
Hubner	H6456RCSS	STX	109	24.0	30.2	37.4	7.5	40.2	60.69	0.78	35.8	55.3	11.8	3,438	27	28,835
Seed Consultants	SCS 1122Q	QR	112	23.1	31.6	36.0	7.5	41.5	65.46	0.80	35.3	60.7	11.6	3,565	13	28,827
Seedway	SW 1188SS	STX	111	23.3	31.5	37.6	7.5	40.9	61.35	0.79	35.2	56.3	10.8	3,514	19	28,661
Mid-Atlantic	MA5161	DVZ	116	22.4	30.0	38.2	7.8	44.4	61.87	0.82	31.5	60.0	10.9	3,627	6	28,390
Augusta	A1964	3110	114	22.5	31.8	37.8	7.9	41.7	61.45	0.81	33.9	61.4	11.6	3,607	8	28,362
Hubner	H0570S	STX	105	22.9	30.1	39.6	7.6	43.2	58.99	0.82	32.3	57.6	10.2	3,536	17	28,341
Augusta	A4463	VT2P	113	22.9	30.4	40.9	7.9	43.3	57.09	0.81	32.9	59.1	10.6	3,492	23	27,992
Augusta	A1059 3330	VZ	109	21.7	29.4	37.8	7.7	42.2	62.43	0.80	33.9	59.9	9.4	3,656	4	27,813
Seedway	SW 6760SS	STX	112	21.6	30.6	37.8	7.9	43.1	61.54	0.82	32.6	60.2	10.3	3,679	2	27,770
Revere	0918 SSXRIB	STX	109	21.8	30.8	37.1	7.4	41.9	62.59	0.79	34.4	60.2	10.3	3,631	5	27,708
Revere	1307 TCRIB	TRE	113	22.3	30.8	39.1	7.6	40.8	61.02	0.81	34.6	60.8	11.3	3,513	21	27,375
Dyna-Gro	D48VC84	VT2P	108	21.5	31.4	37.0	7.6	41.9	60.35	0.81	33.4	59.8	10.4	3,607	7	27,188
Mid-Atlantic	MA5144	DVZ	114	22.3	31.7	36.5	7.7	38.0	62.98	0.78	37.5	60.1	12.8	3,480	26	27,159
Revere	0516 3010	3010	105	22.1	30.1	44.0	7.2	42.5	61.19	0.81	33.7	58.4	9.8	3,391	30	26,268
Hubner	H0881D	VT2P	108	21.9	29.7	39.8	7.7	41.1	57.07	0.80	34.6	57.4	11.2	3,425	28	26,252
Seedway	SW 1345TR	TRE	113	21.1	31.4	39.2	8.0	40.7	59.84	0.79	35.2	62.4	11.1	3,513	20	25,902
Mid-Atlantic	MA5083-5122-EZ	D	108	20.8	31.5	39.7	8.0	39.1	58.23	0.79	35.7	64.1	9.2	3,501	22	25,487
Chemgro	6929RSX	STX	109	20.4	29.9	36.8	7.3	36.2	60.57	0.76	38.4	57.5	11.5	3,400	29	24,278
Mid-Atlantic	MA5168	V	116	19.1	31.1	36.7	8.0	40.1	59.94	0.79	34.9	56.1	11.1	3,488	24	23,361
Augusta	A1459	CONV	109	15.9	30.0	37.2	7.8	35.8	63.63	0.75	38.8	62.9	9.6	3,483	25	19,324

Robin Kauffman

Rob Kauffman

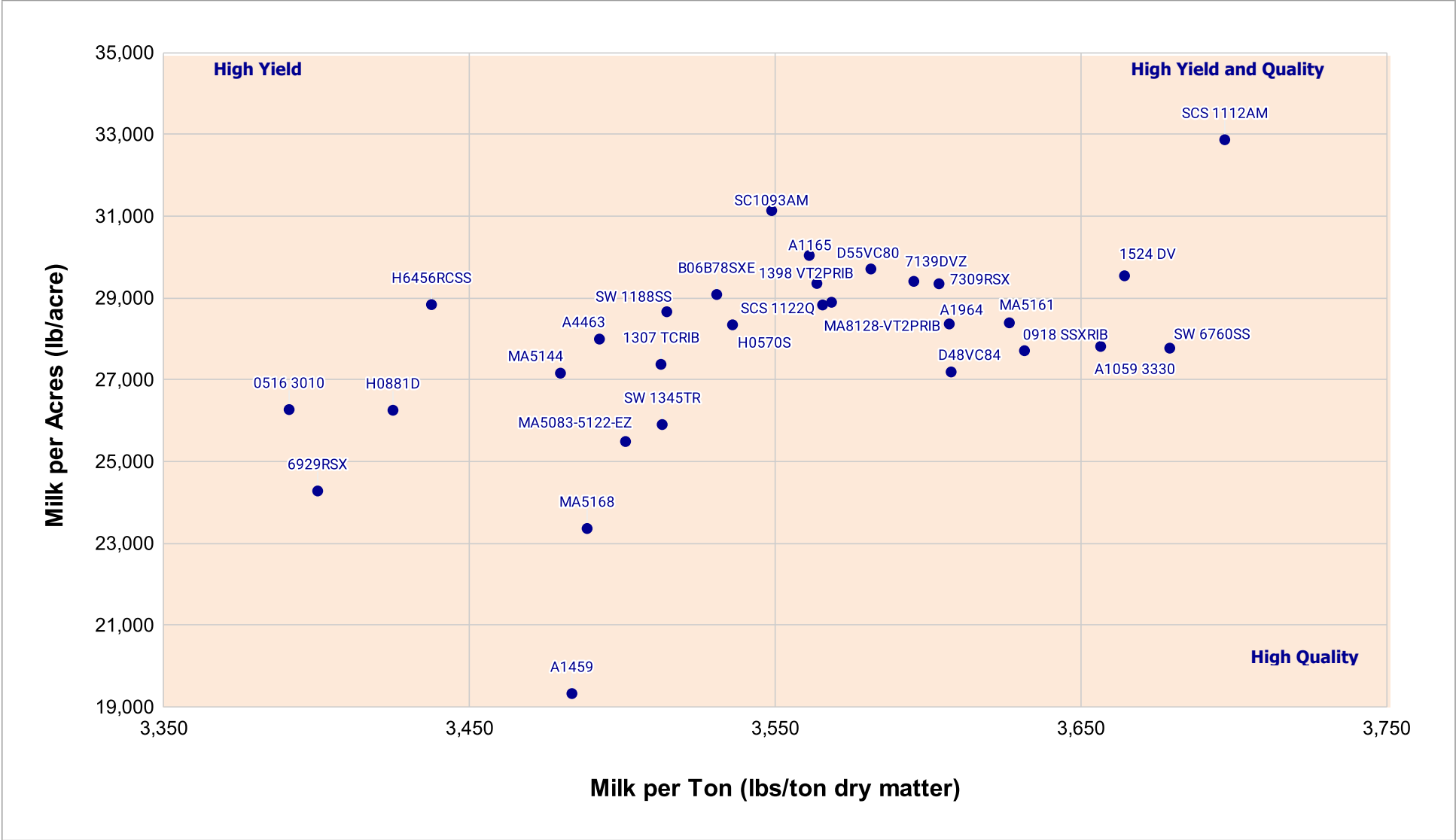
rkmaits@aol.com, (717) 413-0763

Average = **22.0** **30.7** **38.7** **7.7** **41.0** **61.2** **0.80** **34.8** **59.5** **10.9** **3,505** **27,822**
LSD(0.10) = 2.6
LSD(0.25) = 1.4
C.V. = 11.1

† 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 very wet. Planted through a pen pack no-till, stands were lower than usual. June was dry but thunderstorms in July kept the crop from showing stress from the wet planting. Plant health was good for most hybrids but a late flush of northern leaf blight did cause some hybrids to drydown prematurely. Overall rating of the plot is 7 out of 10.(10=best)*

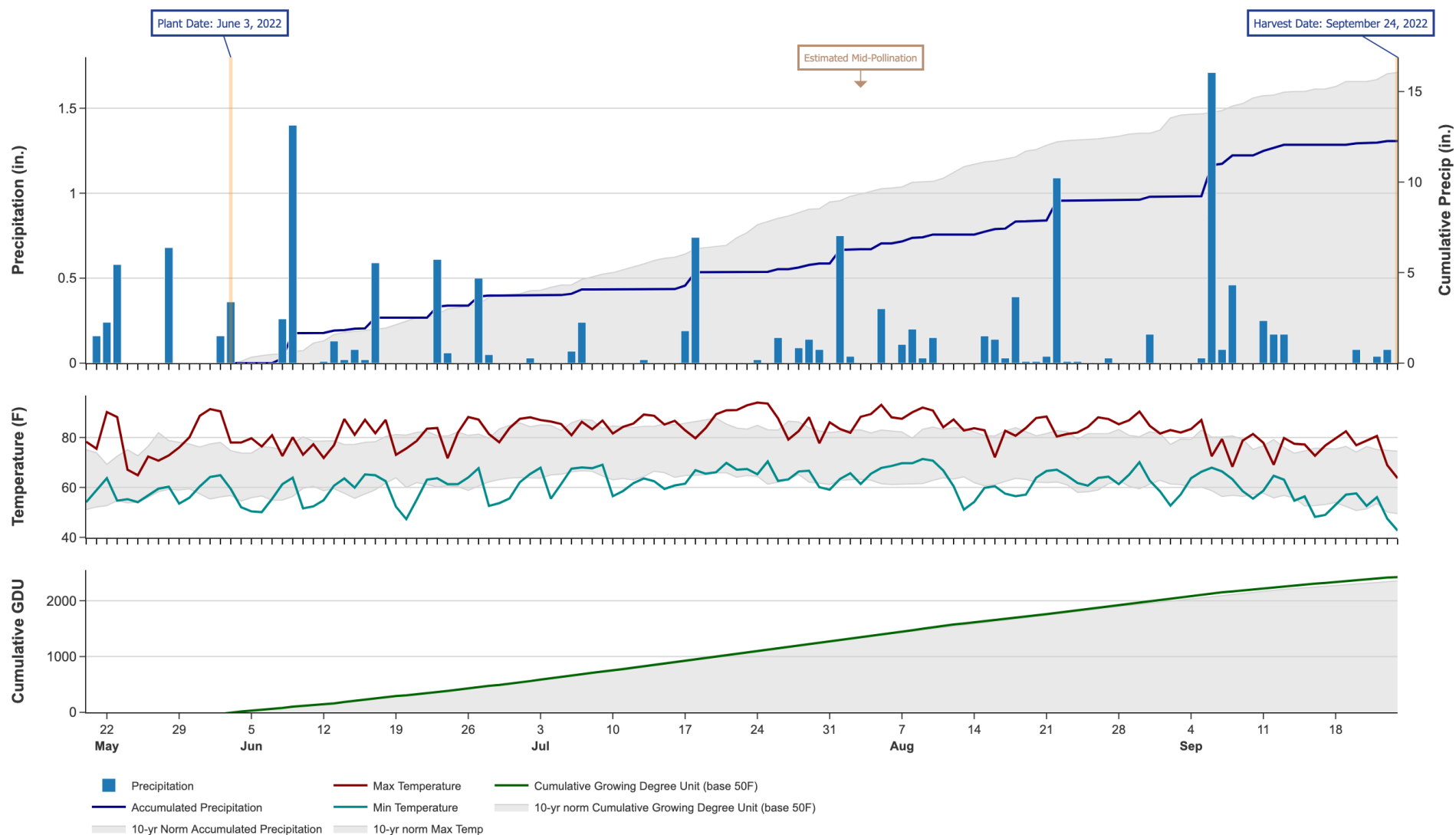
Yield vs Quality Graph



2022 Corn Silage - Pennsylvania Central [PACE]

Weather Conditions Summary at NEW BLOOMFIELD, PA

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	1.7 1.4 (+0.2)	4.2 4.2 (0.0)	1.8 5.1 (-3.4)	3.7 3.8 (-0.1)	3.1 3.4 (-0.3)	14.4 17.9 (-3.5)
GDU Normal (Diff)	202 187 (+14)	579 569 (+9)	753 758 (-5)	738 680 (+57)	421 396 (+24)	2693 2592 (+100)



* 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.

2022 Corn Silage - Pennsylvania Central [PACE]

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	B06B78SX E 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 SSXRIB	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.