

2022 Silage Harvest Report for Pennsylvania Central [PACE]

Gerald Smith, Blair County, PA 16662 [MARTINSBURG]



105 - 119 Day CRM
L2022PACE23

PREV. CROP/HERB: Corn / Lexar, Capreno, Atrazine, Ethos

SOIL INFORMATION: Hublersburg-Cherty silt loam, well drained, no-till, very high P, very high K, 6.1 pH, 3.5% OM, non-irrigated

UNITS N-P-K Applied: 194-175-290, N Applied: 48 Fall, 48 Spring, 98 Sidedress

PEST MANAGEMENT: Lexar, atrazine, Ethos

SEEDED - RATE: May 17 34,500 /A

HARVESTED - STAND: Sep 19 31,700 /A

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	
Seed Consultants	SCS 1122Q	QR	112	26.4	30.7	34.7	7.8	41.0	61.68	0.79	34.1	58.3	10.4	3,757	6	34,666
Hubner	H0881D	VT2P	108	25.8	31.0	38.6	8.0	47.3	61.22	0.84	27.8	60.9	7.8	3,820	2	34,493
Seed Consultants	SCS 1112AM	AM	111	25.7	32.7	33.5	8.2	43.4	64.54	0.82	31.3	58.1	9.5	3,821	1	34,328
Seedway	SW 1345TR	TRE	113	26.9	32.0	37.2	7.9	40.2	60.81	0.79	34.6	55.5	11.2	3,646	15	34,281
Revere	1524 DV	DV	115	26.1	32.0	37.7	7.4	44.5	62.45	0.82	30.7	58.0	9.3	3,725	9	34,069
Seed Consultants	SC1093AM	AM	109	26.3	31.4	35.5	7.3	40.2	64.39	0.78	34.8	56.2	10.3	3,696	11	33,977
Augusta	A1459	CONV	109	26.7	32.7	39.6	7.8	42.8	59.53	0.81	31.7	55.9	9.8	3,611	17	33,786
Seed Consultants	SCS 1071AM	AM	107	26.5	30.8	37.9	7.8	42.5	62.23	0.80	32.7	57.5	10.3	3,604	19	33,429
Hubner	H0570S	STX	105	25.2	32.9	40.0	8.1	44.5	58.30	0.82	30.5	58.3	8.9	3,774	5	33,287
Revere	1398 VT2PRIB	VT2P	113	26.3	31.9	37.7	7.4	41.4	58.18	0.79	34.4	57.5	11.3	3,610	18	33,269
Hubner	H6390RCSS	STX	108	24.9	32.1	38.8	8.2	44.8	58.44	0.84	29.1	63.6	7.7	3,808	3	33,186
Revere	0918 SSXRIB	STX	109	24.9	30.7	36.2	7.5	40.8	63.44	0.80	33.4	57.7	10.3	3,742	8	32,610
Chemgro	6929RSX	STX	109	24.4	31.4	37.3	8.3	38.9	59.38	0.79	33.9	59.7	9.1	3,806	4	32,456
Augusta	A4463	VT2P	113	24.5	31.4	37.2	7.4	42.9	58.53	0.80	32.1	55.4	9.3	3,753	7	32,225
Revere	0518 VT2PRIB	VT2P	105	25.3	33.7	41.5	7.5	42.8	60.28	0.80	32.7	57.4	10.0	3,586	24	31,715
Hubner	H05G716	VT2PDG	105	24.3	31.8	39.7	7.8	48.1	59.28	0.84	28.3	56.3	9.3	3,711	10	31,558
Mid-Atlantic	MA8128-VT2PRIB	VT2P	112	25.1	31.6	36.8	7.3	39.3	59.48	0.77	35.7	54.3	11.6	3,597	22	31,555
Hubner	H6456RCSS	STX	109	24.4	30.9	36.9	7.8	41.1	60.92	0.80	32.9	53.7	10.1	3,693	12	31,540
Seedway	SW 1188SS	STX	111	24.3	30.7	35.9	8.3	38.8	58.74	0.78	34.3	55.5	10.9	3,675	13	31,301
Augusta	A1165	VT2P	115	25.1	31.4	37.2	7.3	37.6	58.09	0.77	36.9	56.3	11.8	3,560	26	31,274
Mid-Atlantic	MA5144	DVZ	114	25.1	31.4	32.7	7.3	36.1	65.14	0.75	38.4	56.6	11.1	3,520	28	30,881
Mid-Atlantic	MA5103	DVZ	110	25.0	31.3	34.0	7.4	37.9	66.16	0.78	35.7	55.9	10.3	3,520	27	30,758
Dyna-Gro	D48VC84	VT2P	108	24.4	32.1	35.2	7.2	38.1	61.89	0.78	35.6	55.7	10.6	3,599	20	30,735
Dyna-Gro	D55VC80	VT2P	115	24.2	31.7	35.3	7.9	38.2	59.74	0.78	35.8	58.3	11.9	3,617	16	30,598
Chemgro	6835V4Z	V	108	23.7	30.9	32.5	7.9	37.7	67.18	0.78	35.1	60.3	8.8	3,646	14	30,205
Augusta	A1964	3110	114	23.9	32.2	33.9	7.8	39.6	62.72	0.78	35.2	52.0	12.1	3,597	21	30,093
Seedway	SW 6760SS	STX	112	23.8	31.9	35.5	7.4	36.0	63.09	0.75	39.0	56.0	12.6	3,507	30	29,255
Mid-Atlantic	MA5083-5122-EZ	D	108	22.9	31.9	37.6	7.8	39.8	61.51	0.79	34.7	55.5	9.9	3,593	23	28,841
Augusta	A1059 3330	VZ	109	20.5	29.1	37.9	7.8	37.7	60.22	0.77	36.0	55.1	10.2	3,519	29	25,289
Brevant	B06B78SXE	STX,E	106	18.9	31.8	32.9	7.6	36.5	65.22	0.80	35.2	65.5	7.6	3,571	25	23,582

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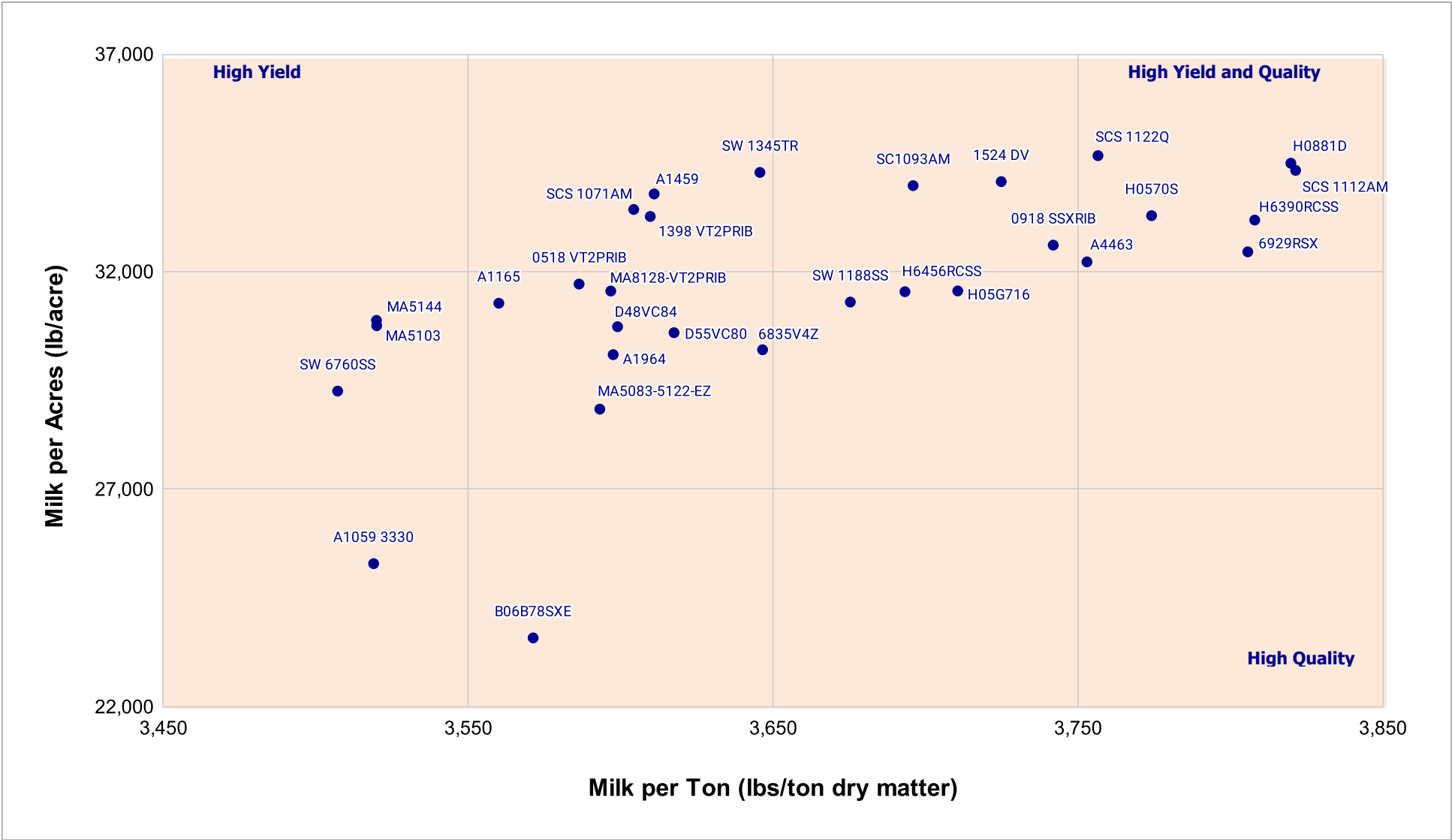
rkmaits@aol.com, (717) 413-0763

Average = **24.5**
LSD(0.10) = 1.7
LSD(0.25) = 0.9
C.V. = 6.7

† 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, still emergence was uniform. June started dry but timely rains helped produce good yields. Some northern and gray leaf spots were present with some hybrids drying down faster than others. The overall rating of the plot is an 8 out of 10. (10=best)*

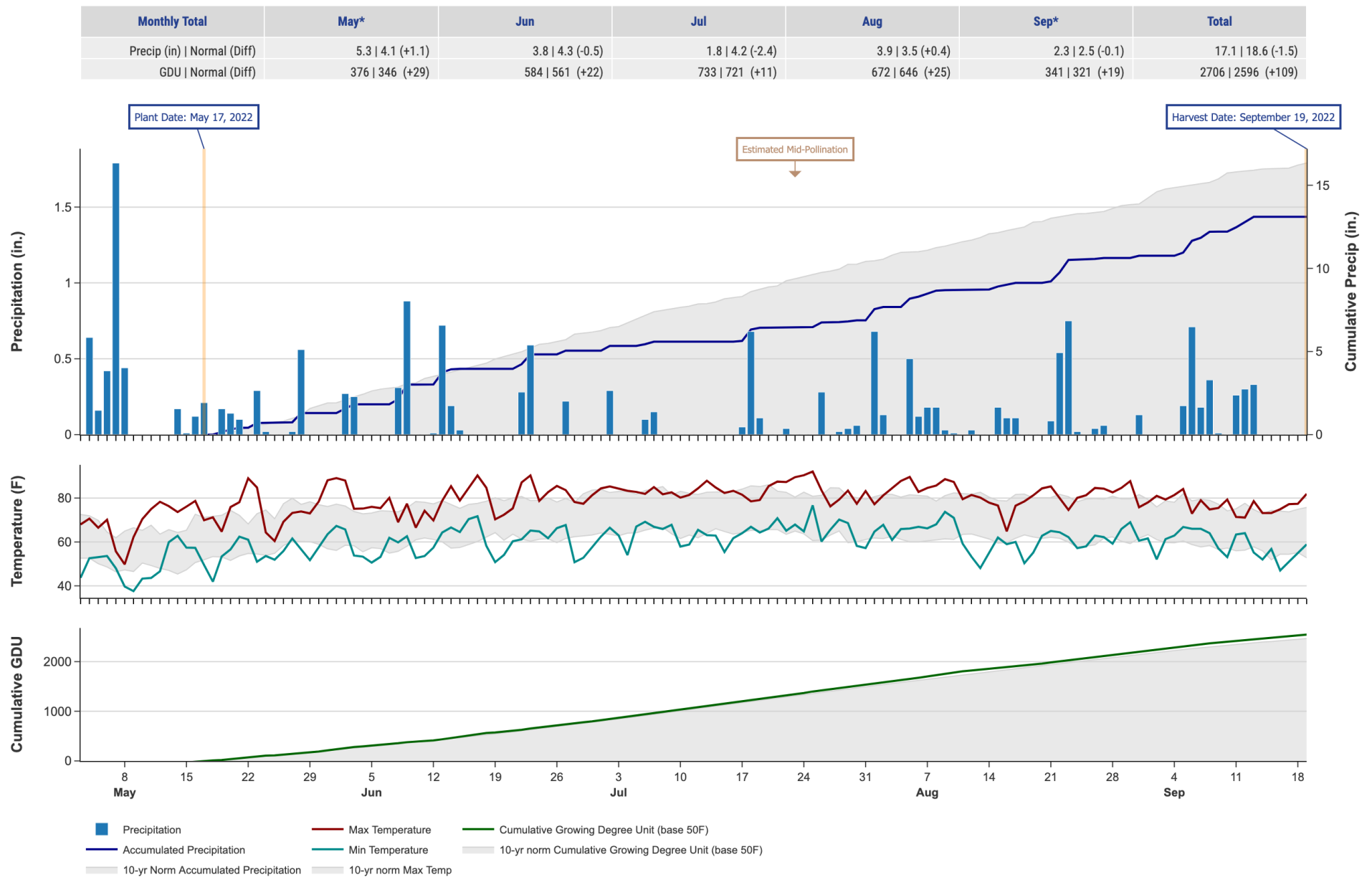
Yield vs Quality Graph



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Weather Conditions Summary at MARTINSBURG, PA

Weather Data Retrieved: 09/28/2022



* 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	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.
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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.