

2023 Silage Harvest Report for Pennsylvania Southeast [PASE]

Mel and Jeff Nissley, Dauphin County, PA [MIDDLETOWN]



PREV. CROP/HERB: Corn / NA

SOIL INFORMATION: Duncannon sandy loam, well drained, no-till, very high P, very high K, 6.3 pH, 3.4% OM, non-irrigated

UNITS N-P-K Applied: 0-0-0, N Applied: 5000 gallon manure, fall and spring

PEST MANAGEMENT: Lexar

SEEDED - RATE: May 5 32,500 /A

HARVESTED - STAND: Sep 8 28,800 /A

113 - 119 Day CRM

L2023PASE20

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	SC1183AM	AM	118	37.6	29.4	36.7	9.2	41.0	56.93	0.79	32.9	51.5	10.1	3,690	5	48,605
Hubner	H1872S	STX	118	34.1	29.9	37.0	9.3	41.5	56.15	0.80	31.6	51.2	10.1	3,797	1	45,270
Augusta	A1165	VT2P	115	35.0	28.7	37.9	8.6	41.0	69.51	0.79	34.4	47.6	9.6	3,667	6	44,965
Seedway	SW 1661SS	STX	116	34.9	28.0	34.3	8.9	37.8	61.80	0.77	36.1	49.4	11.9	3,586	16	43,757
Mid-Atlantic	MA6153PWE	PC	115	33.0	29.6	38.1	9.0	42.4	56.55	0.81	31.3	52.9	9.8	3,758	3	43,406
Mid-Atlantic	MA5168DV	DV	116	33.2	27.4	35.1	8.9	40.6	68.39	0.79	34.6	50.8	10.1	3,728	4	43,364
Chemgro	7539D4Z	D	115	33.9	29.7	37.5	8.6	41.0	67.63	0.79	33.0	46.3	10.1	3,639	7	43,136
Mid-Atlantic	MA5144D	D	114	34.5	28.7	36.6	8.4	39.6	62.58	0.78	35.4	52.0	12.7	3,489	30	42,134
Redtail	RT 64T39-D1	D	114	33.3	26.6	35.8	8.7	37.6	62.06	0.78	36.2	52.9	13.3	3,538	23	41,234
Hubner	H6755RCSS	STX	114	32.7	28.1	36.2	8.2	41.1	57.32	0.80	33.9	54.9	12.4	3,583	17	40,962
Chemgro	7789RSX	STX	117	30.9	28.9	35.4	8.7	41.9	61.30	0.80	32.6	52.4	10.2	3,789	2	40,939
Seed Consultants	SC1154AM	AM	115	32.7	28.6	35.6	8.8	35.4	62.22	0.75	37.3	52.6	11.4	3,580	19	40,934
Pine Creek	R6812GT	3000GT	118	32.2	28.6	35.8	8.9	40.2	63.06	0.79	33.9	49.4	11.8	3,630	10	40,871
Brevant	B12FO8Q	QR	112	32.3	28.4	33.5	8.9	40.1	58.03	0.79	33.5	55.0	12.3	3,612	11	40,838
Revere	1839 TC	TRE	116	33.3	28.3	36.6	8.3	38.8	65.82	0.77	35.9	48.9	11.8	3,503	29	40,825
Hubner	H6663RCSS	STX	113	31.7	30.2	33.2	8.7	40.5	57.78	0.79	34.5	53.1	12.3	3,605	13	40,037
Masters Choice	MCT6367-D	VT2PDG	113	31.6	29.3	36.8	7.9	40.5	62.52	0.78	34.4	52.4	12.3	3,590	15	39,744
Redtail	RT 67T79-D2	DV	117	32.0	28.5	33.9	9.1	34.4	59.74	0.76	38.6	51.2	12.2	3,532	24	39,554
Seedway	SW 1579SS	STX	115	31.3	28.3	35.3	9.9	34.9	69.08	0.75	39.2	49.3	10.8	3,606	12	39,464
Chemgro	7525RDP	VT2P	115	31.0	26.3	36.6	9.1	35.8	59.89	0.76	38.1	51.4	11.2	3,540	22	38,365
Mid-Atlantic	MA8141 SSRIB	STX	116	30.2	28.9	33.3	9.5	37.2	56.67	0.77	35.8	49.5	11.6	3,602	14	38,114
Seed Consultants	SC1134AM	AM	113	30.6	30.1	33.5	9.5	36.7	59.71	0.78	36.0	52.1	12.2	3,549	21	38,053
Augusta	A1265	DV	115	30.5	28.5	40.3	7.9	43.6	73.45	0.80	32.2	48.9	10.2	3,554	20	37,981
Augusta	A2067	DV	117	29.8	27.9	35.0	8.8	40.6	59.80	0.79	34.3	49.2	11.4	3,636	8	37,884
Revere	0918 SXRIB	STX	109	29.6	29.8	38.5	8.1	41.6	61.49	0.80	33.5	54.4	10.8	3,631	9	37,619
Chemgro	7444PC	PC	114	30.4	29.1	35.2	8.6	37.1	64.84	0.75	38.3	56.1	13.0	3,520	27	37,454
Augusta	A4465	DV	115	29.9	29.2	33.7	8.7	38.1	56.43	0.76	37.0	51.2	11.3	3,581	18	37,429
Revere	1524 DV	DV	115	30.1	29.0	37.8	8.5	39.1	69.29	0.79	35.6	51.2	11.1	3,514	28	36,984
Hubner	H1330S	STX	113	29.2	28.5	32.6	8.8	36.1	55.86	0.75	37.5	52.4	13.2	3,522	26	35,999
Augusta	A2064	DV	114	29.1	27.8	35.3	7.8	39.2	62.47	0.77	35.3	52.3	13.1	3,524	25	35,934

Robin Kauffman

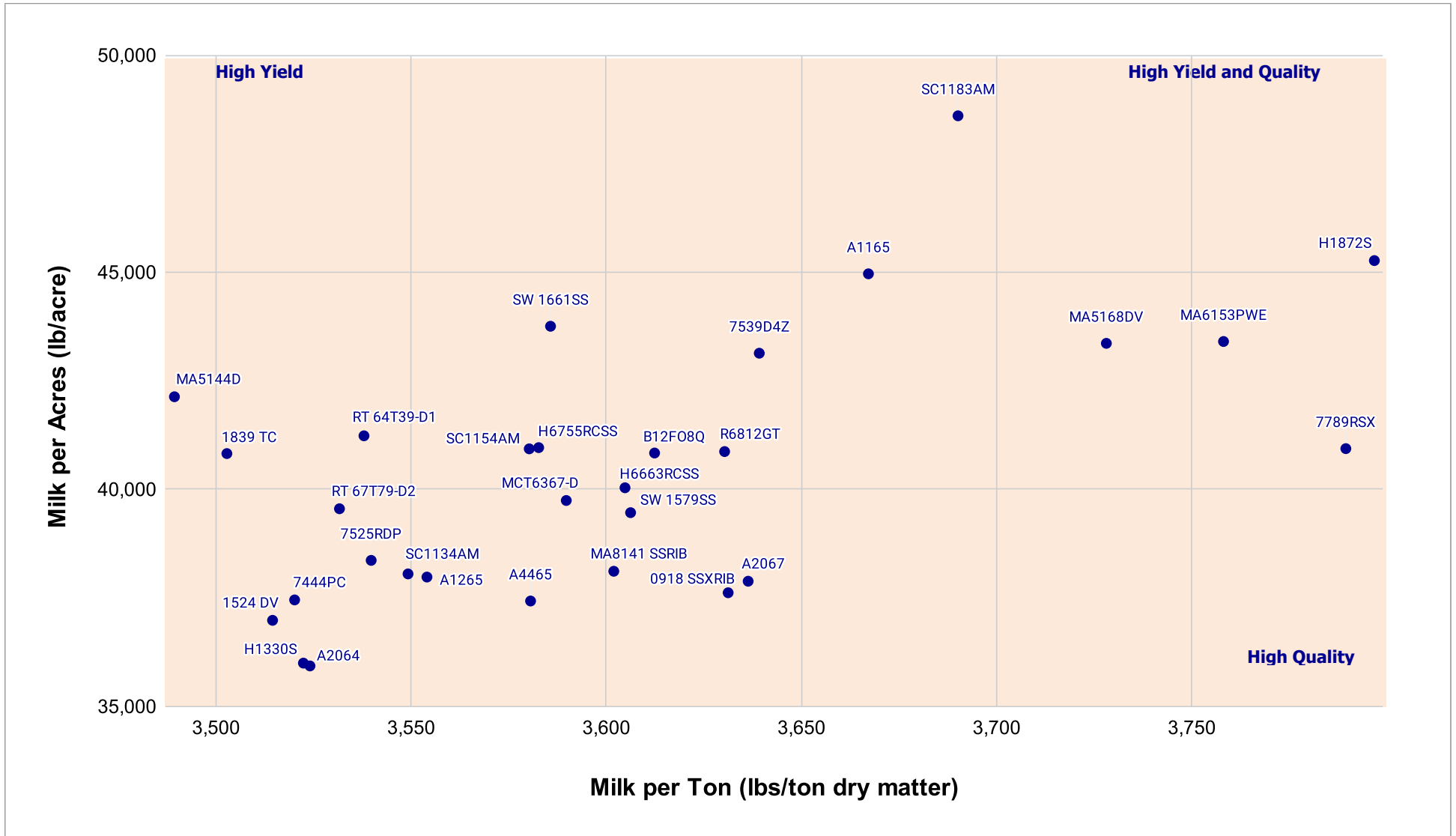
Rob Kauffman
rkmaits@aol.com, (717) 413-0763

Average =	31.7	28.8	35.7	8.7	38.5	61.9	0.80	35.7	51.2	11.8	3,571	40,395
LSD(0.10) =	2.2											
LSD(0.25) =	1.1											
C.V. =	6.5											

† 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: *This was the first plot we planted this spring. Soil moisture was excellent. Emergence was uniform. Growing conditions were good for the summer. There was some dry weather early and then in mid-August, but timely rain made for good yields. Disease pressure was low and harvest was completed at a good moisture level. Overall rating of the plot is a 7 out of 10. (10= best)*

Yield vs Quality Graph

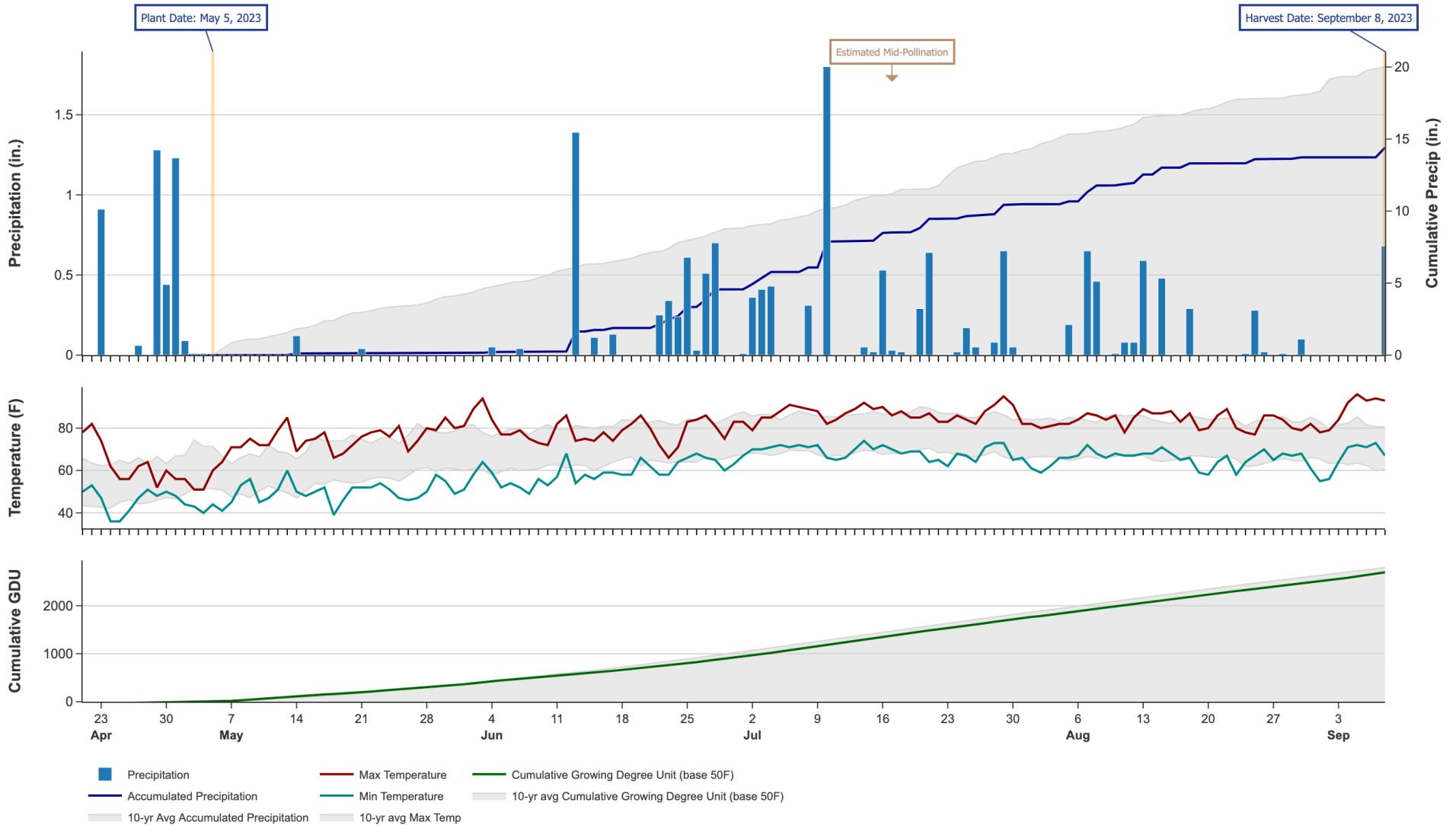


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Weather Conditions Summary at MIDDLETOWN, PA

Weather Data Retrieved: 09/28/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	2.7 1.0 (+1.7)	1.5 4.9 (-3.4)	4.4 4.7 (-0.3)	5.9 5.4 (+0.5)	3.2 3.9 (-0.7)	0.7 1.9 (-1.2)	18.4 21.8 (-3.3)
GDU Avg (Diff)	63 70 (-7)	358 407 (-49)	566 659 (-93)	832 830 (+1)	752 772 (-20)	200 178 (+21)	2771 2919 (-148)



* 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.
AgriGold	A636-16	VT2P	N*	106	Tr
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A1265	DV	N	115	CM,C2
Augusta	A1964	3110	N	114	CM,C2
Augusta	A2064	DV	Y	114	AVC
Augusta	A2067	DV	Y	117	CM,C2
Augusta	A4465	DV	N	115	CM,C2
Brevant	B12FO8Q	QR	Y	112	Lum,L1
Brevant	B15B75SX	STX	N*	115	Lum,L1
Chemgro	7444PC	PC	N	114	CM,C5
Chemgro	7525RDP	VT2P	Y	115	AC,P2
Chemgro	7539D4Z	D	Y	115	CM,C2
Chemgro	7789RSX	STX	Y	117	AC,P5V
Hubner	H1330S	STX	Y	113	AC,P5V,B360
Hubner	H1872S	STX	Y	118	AC,P5V,B360
Hubner	H6663RCSS	STX	Y	113	AC,P5V
Hubner	H6755RCSS	STX	Y	114	AC,P5V,B360
Masters Choice	MCT6367-D	VT2PDG	Y	113	Tr
Mid-Atlantic	MA5144D	D	Y*	114	CM,C2
Mid-Atlantic	MA5161DV	DV	Y*	116	CM,C2
Mid-Atlantic	MA5168DV	DV	Y*	116	CM,C2
Mid-Atlantic	MA6153PWE	PC	Y*	115	CM,C2
Mid-Atlantic	MA8141 SSRIB	STX	Y	116	AC,P2
Pine Creek	R6812GT	3000GT	N	118	Tr
Redtail	RT 64T39-D1	D	Y	114	CM,C2
Redtail	RT 67T79-D2	DV	Y	117	CM,C2
Revere	0918 SXXRIB	STX	Y	109	AC,P5
Revere	1307 TCRIB	TRE	Y	113	AC,P5
Revere	1524 DV	DV	Y	115	AC,P5
Revere	1839 TC	TRE	Y	116	AC,P5
Seed Consultants	SC1134AM	AM	Y	113	Lum,L1
Seed Consultants	SC1154AM	AM	Y	115	Lum,L1
Seed Consultants	SC1183AM	AM	Y	118	Lum,L1
Seedway	SW 1421VT	VT2P	Y	114	AC,P5
Seedway	SW 1579SS	STX	Y	115	AC,P5
Seedway	SW 1661SS	STX	Y	116	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

3000GT	Agrisure® 3000GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AM	Optimum® AcreMax®
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
PC	PowerCore®
QR	Qrome®
STX	SmartStax®
TRE	Trecepta®
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

Corn Silage Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B360	Acceleron® Poncho 500/Votivo with BioRise™ B-360 ST
AVC	Avicta® Complete Corn
CM,C2	CruiserMaxx® 250
CM,C5	CruiserMaxx® 500
Lum,L1	LumiGEN™, Lumisure 1250
Tr	Treated - unspecified treatment

* Seed treatments may include unspecified plant health promoting components.