

2023 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 / Lexar

SOIL INFORMATION: Duffield silt loam, well drained, conventional w/o fall till, very high P, very high K, 5.6 pH, 3.4% OM, non-irrigated

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

PEST MANAGEMENT: Lexar, Ethos

SEEDED - RATE: May 18 32,500 /A

HARVESTED - STAND: Sep 4 30,000 /A

113 - 119 Day CRM

L2023PASE21

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	
Mid-Atlantic	MA6153PWE	PC	115	34.3	32.3	34.8	8.8	31.7	72.12	0.73	40.2	55.5	11.3	3,350	10	40,216
Revere	0918 SSXRIB	STX	109	32.2	31.5	33.3	8.3	36.0	73.51	0.77	36.5	56.8	10.3	3,516	1	39,589
Chemgro	7539D4Z	D	115	32.7	30.5	33.3	8.3	33.7	67.78	0.75	38.3	57.1	10.3	3,415	5	39,049
Hubner	H1872S	STX	118	32.9	30.6	31.9	8.6	33.9	68.03	0.75	37.9	54.8	10.8	3,363	8	38,691
Seed Consultants	SC1134AM	AM	113	31.6	29.3	34.5	8.7	35.0	73.35	0.76	36.6	55.7	10.2	3,482	2	38,506
Mid-Atlantic	MA8141 SSRIB	STX	116	30.8	29.8	29.8	9.3	34.5	68.64	0.77	36.4	54.0	9.7	3,410	6	36,719
Revere	1839 TC	TRE	116	30.3	31.9	33.8	8.2	35.7	75.42	0.76	36.9	55.7	10.8	3,451	3	36,638
Seedway	SW 1421VT	VT2P	114	32.5	30.7	31.5	8.6	29.9	70.55	0.74	40.7	58.1	10.6	3,212	20	36,575
Seedway	SW 1661SS	STX	116	32.1	30.1	32.4	8.5	30.1	69.19	0.71	41.8	54.0	11.8	3,226	18	36,285
Chemgro	7444PC	PC	114	31.8	32.0	31.3	8.6	30.6	74.16	0.73	39.8	57.2	10.7	3,247	16	36,182
Seedway	SW 1579SS	STX	115	30.0	29.5	31.3	8.9	32.7	69.06	0.74	39.9	57.4	9.7	3,429	4	36,044
Pine Creek	R6812GT	3000GT	118	31.8	30.6	30.0	8.7	30.0	69.43	0.73	40.9	55.5	10.8	3,209	22	35,752
Revere	1524 DV	DV	115	30.4	29.7	30.3	7.8	34.9	73.30	0.76	37.7	54.0	11.0	3,347	11	35,577
Augusta	A2064	DV	114	30.2	29.4	30.9	7.5	34.5	74.13	0.75	39.0	57.9	10.1	3,358	9	35,531
AgriGold	A636-16	VT2P	106	29.9	29.7	33.2	8.2	33.9	75.44	0.74	38.4	56.3	11.4	3,391	7	35,488
Seed Consultants	SC1183AM	AM	118	31.7	32.3	30.7	8.2	29.6	74.53	0.73	41.0	57.8	10.7	3,165	24	35,153
Augusta	A1165	VT2P	115	30.3	31.0	32.8	8.1	32.3	73.79	0.73	39.7	54.7	11.7	3,272	14	34,666
Chemgro	7789RSX	STX	117	30.7	29.7	30.6	7.9	31.3	74.32	0.73	40.6	55.3	11.9	3,201	23	34,360
Redtail	RT 64T39-D1	D	114	31.2	28.3	32.9	8.2	28.6	74.28	0.71	43.6	58.1	11.8	3,146	26	34,359
Mid-Atlantic	MA5144D	D	114	29.8	29.7	31.6	8.5	31.9	70.25	0.75	39.0	55.5	10.5	3,248	15	33,878
Hubner	H1330S	STX	113	30.1	30.2	31.0	7.8	30.4	72.82	0.72	42.6	56.2	12.2	3,211	21	33,823
Hubner	H6663RCSS	STX	113	30.1	28.0	30.1	7.6	32.1	73.18	0.74	40.5	53.3	12.2	3,213	19	33,817
Augusta	A1964	3110	114	30.1	31.2	28.2	8.9	29.0	74.59	0.72	41.3	53.6	11.7	3,130	29	33,015
Augusta	A4465	DV	115	29.7	28.5	30.3	8.7	29.5	71.97	0.73	40.9	57.7	10.8	3,153	25	32,773
Chemgro	7525RDP	VT2P	115	29.8	30.3	30.8	8.6	27.4	69.42	0.71	43.6	54.9	12.0	3,131	28	32,690
Mid-Atlantic	MA5168DV	DV	116	29.6	27.8	30.8	8.5	30.4	72.87	0.74	40.8	57.0	10.4	3,138	27	32,542
Brevant	B12FO8Q	QR	112	29.7	29.0	30.1	9.6	25.7	66.87	0.72	42.4	59.7	10.1	3,100	30	32,191
Hubner	H6755RCSS	STX	114	27.7	29.7	29.3	7.9	32.1	75.17	0.73	39.9	55.0	12.0	3,303	13	32,062
Revere	1307 TCRIB	TRE	113	27.5	26.7	29.8	8.6	30.4	66.45	0.72	41.6	54.5	12.2	3,247	17	31,249
Augusta	A1265	DV	115	26.7	31.0	30.6	8.2	33.9	71.70	0.77	38.1	57.2	10.6	3,338	12	31,157

Robin Kauffman

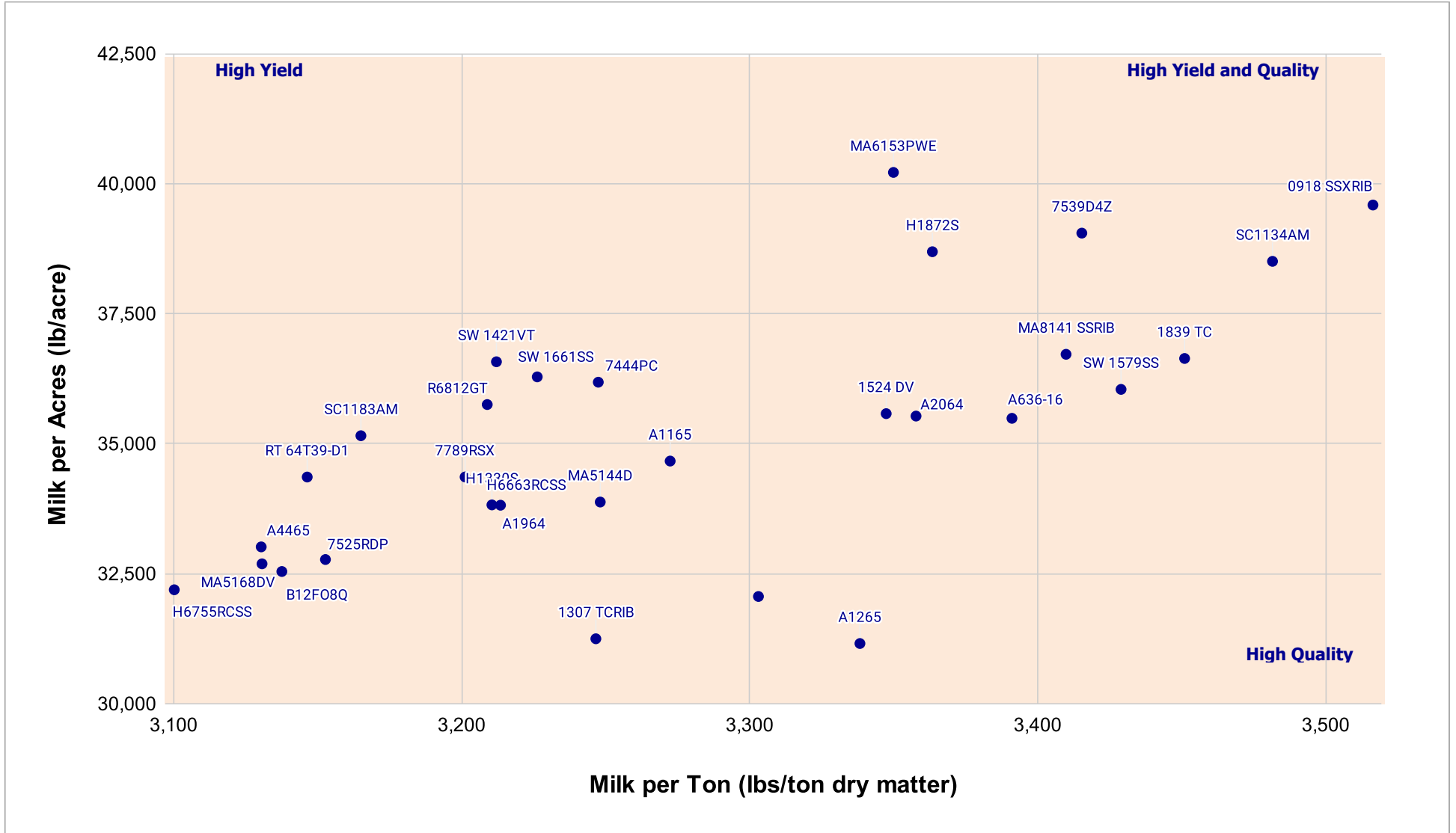
Rob Kauffman
rkmaits@aol.com, (717) 413-0763

Average =	30.2	30.0	31.1	8.4	30.9	72.1	0.70	40.4	56.6	10.9	3,236	35,152
LSD(0.10) =	2.5											
LSD(0.25) =	1.3											
C.V. =	7.9											

† 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 excellent. Soil moisture and temperature were right where they needed to be for an excellent emergence. Weed control was good with just a few lanbsquarters. Rain fall was timely with only a short dry spell right before harvest. Overall rating of the plot is 9 out of 10. (10=best)*

Yield vs Quality Graph

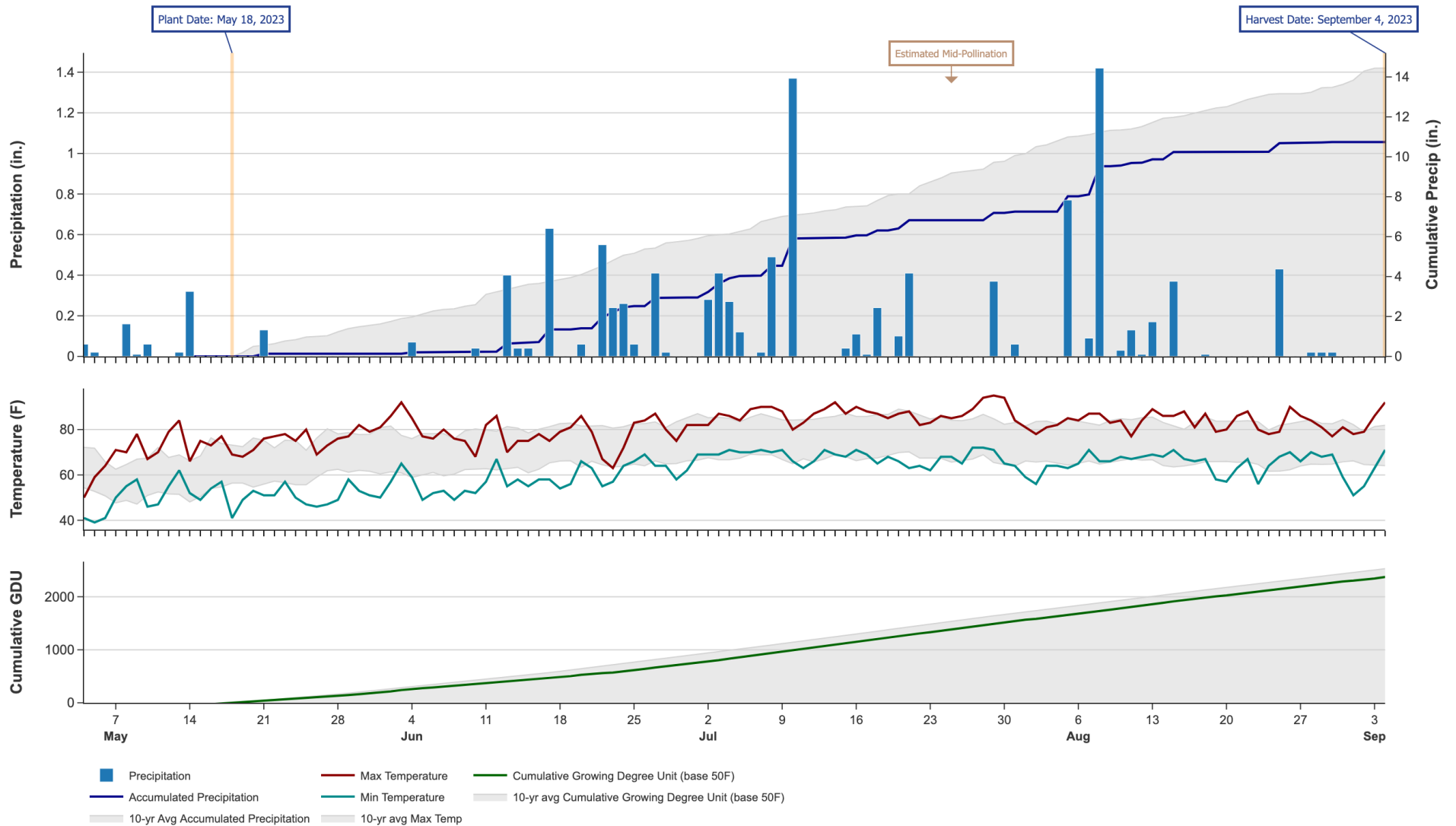


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Weather Conditions Summary at GREENCASTLE, PA

Weather Data Retrieved: 09/28/2023

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.8 4.2 (-3.4)	2.8 4.2 (-1.4)	4.3 4.3 (0.0)	3.5 3.6 (-0.1)	0.0 0.8 (-0.8)	11.4 17.0 (-5.6)
GDU Avg (Diff)	346 382 (-36)	548 654 (-106)	821 810 (+10)	742 748 (-6)	84 91 (-7)	2541 2687 (-146)



* 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.