

2021 Silage Harvest Report for Pennsylvania Central [PACE]

Dave Graybill, Mifflin County, PA 17094 [MIFFLINTOWN]

PREV. CROP/HERB: Wheat/Soybean / glyphosate

SOIL INFORMATION: Silty clay loam, mod. well drained, no-till, very high P, medium K, 5.7 pH, 2.9% OM, non-irrigated

UNITS N-P-K Applied: 223-156-236, N Applied: 192 Spring, 31 Planter

PEST MANAGEMENT: Accuron, Xyway, Ethos XB

SEEDED - RATE: May 13 34,500 /A

HARVESTED - STAND: Aug 31 32,800 /A



105 - 116 Day CRM

L2021PACE24

Top 30 of 42 Products Tested, 3 Rep. Yield Average

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	ENERGY			FIBER			Milk/Ton		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	
Seedway	SW0763VT	VT2P,B	107	24.8	33.1	33.8	6.8	42.4	64.41	0.77	36.3	56.5	11.3	3,608	5	31,275
Seedway	SW6540 GENVT2P RIB	VT2P,B	109	23.4	34.2	32.3	7.3	43.2	64.34	0.79	34.9	58.5	10.5	3,719	1	30,415
Channel	209-15STX	STX,B	109	23.3	33.1	31.2	7.3	41.4	68.01	0.77	36.6	57.5	9.7	3,612	4	29,456
Mid-Atlantic	MA5165HD	3000GT	116	24.9	33.7	30.3	6.2	36.6	63.88	0.73	41.3	51.4	13.4	3,291	26	28,681
Augusta	A1059	3000GT	109	23.1	34.1	35.3	6.0	41.1	65.85	0.76	38.3	54.1	11.1	3,528	9	28,565
Mid-Atlantic	MA5144	5122,B	114	21.8	32.5	31.6	6.3	37.8	64.11	0.74	40.1	53.5	13.2	3,393	15	25,889
Mid-Atlantic	MA8141	VT2PDG,B	114	21.3	33.3	29.5	7.0	37.5	62.60	0.75	39.6	52.8	13.5	3,440	11	25,685
Augusta	A4463	VT2P	113	21.7	33.7	30.0	7.6	32.0	64.00	0.72	43.2	54.6	14.0	3,314	24	25,208
Hubner	H6257RCSS	STX,B	104	19.5	33.5	30.9	7.5	34.8	72.60	0.74	41.6	60.4	10.6	3,667	3	25,027
Mid-Atlantic	MA5083-5122-EZ	5122,B	108	21.1	32.4	29.1	6.9	35.1	66.15	0.73	41.5	54.5	12.9	3,394	14	25,025
Chemgro	7119D4Z	5122,B	111	21.9	32.4	28.7	6.7	34.7	67.24	0.73	42.0	52.7	14.5	3,246	29	24,881
Chemgro	7615RDP	VT2P,B	116	21.3	33.2	28.8	7.1	32.7	65.74	0.72	43.3	52.7	14.3	3,320	22	24,789
Seed Consultants	SCS 1071AM	AM,B	107	19.0	31.4	29.7	7.0	42.4	68.89	0.78	35.7	58.6	8.4	3,697	2	24,628
Chemgro	7309RSX	STX,B	113	21.3	34.7	30.3	7.1	30.9	63.34	0.71	44.7	54.3	13.7	3,262	28	24,318
Brevant	B06B78SXE	STX,E	106	19.4	33.3	28.6	7.2	29.0	72.45	0.70	46.7	62.7	9.1	3,559	7	24,207
Augusta	A5664	5222	114	20.8	34.3	28.3	7.0	33.2	65.64	0.71	42.8	52.7	13.2	3,295	25	24,026
Augusta	A1457	5122,B	107	19.6	30.9	30.9	6.8	36.1	67.79	0.74	40.3	55.6	11.4	3,499	10	23,962
Mid-Atlantic	MA8128-VT2PRIB	VT2P,B	112	20.4	30.6	31.1	6.9	34.0	60.51	0.72	43.6	54.9	14.6	3,346	19	23,890
Seedway	SW1162VT	VT2P,B	111	20.4	33.1	32.0	5.9	36.4	64.80	0.74	41.2	53.5	14.0	3,318	23	23,652
Seed Consultants	SCS 1092AM	AM,B	109	19.6	30.7	31.3	6.7	36.4	67.62	0.74	40.7	55.5	13.2	3,399	13	23,317
Local Seed	LC0607 TCRIB	TRE,B	106	18.6	32.8	33.7	6.4	40.1	67.46	0.75	39.5	56.8	11.7	3,580	6	23,306
Brevant	B06U78SXE	STX,E	106	18.8	32.9	29.0	7.7	29.7	73.17	0.70	46.1	61.8	10.2	3,547	8	23,298
Chemgro	6929RSX	STX,B	109	19.3	33.4	31.9	7.0	36.8	67.68	0.74	40.1	55.2	10.5	3,439	12	23,190
Augusta	A4463C	CONV	113	19.3	32.4	30.8	7.7	33.8	60.00	0.74	41.1	54.0	13.0	3,386	16	22,833
Channel	210-98STXRIB	STX,B	112	19.3	30.6	29.2	7.2	34.2	66.01	0.74	41.8	54.6	13.3	3,338	20	22,548
Seed Consultants	SCS 1122Q	QR,B	112	19.3	31.9	28.7	6.9	32.9	64.16	0.71	44.0	56.7	13.7	3,329	21	22,526
Seedway	SW6760 GENSS RIB	STX,B	112	19.6	33.8	29.6	7.1	34.0	66.03	0.73	42.8	53.9	13.9	3,280	27	22,463
Local Seed	LC1506 VT2PRIB	VT2P,B	115	19.2	31.2	29.5	7.4	34.0	61.25	0.72	42.2	52.3	13.5	3,348	18	22,459
Hubner	H6663RCSS	STX,B	113	19.2	32.5	29.1	7.1	33.4	64.56	0.72	43.0	51.8	14.3	3,234	30	21,770
Local Seed	LC0999 VT2PRIB	VT2P,B	109	17.6	32.3	31.5	6.7	35.6	64.90	0.74	41.2	54.8	13.2	3,352	17	20,648

Average = **20.6** **32.8** **30.3** **6.8** **34.1** **65.5** **0.70** **42.7** **54.6** **13.2** **3,330** **24,731**
 LSD(0.10) = 1.7
 LSD(0.25) = 0.9
 C.V. = 7.8

† 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:

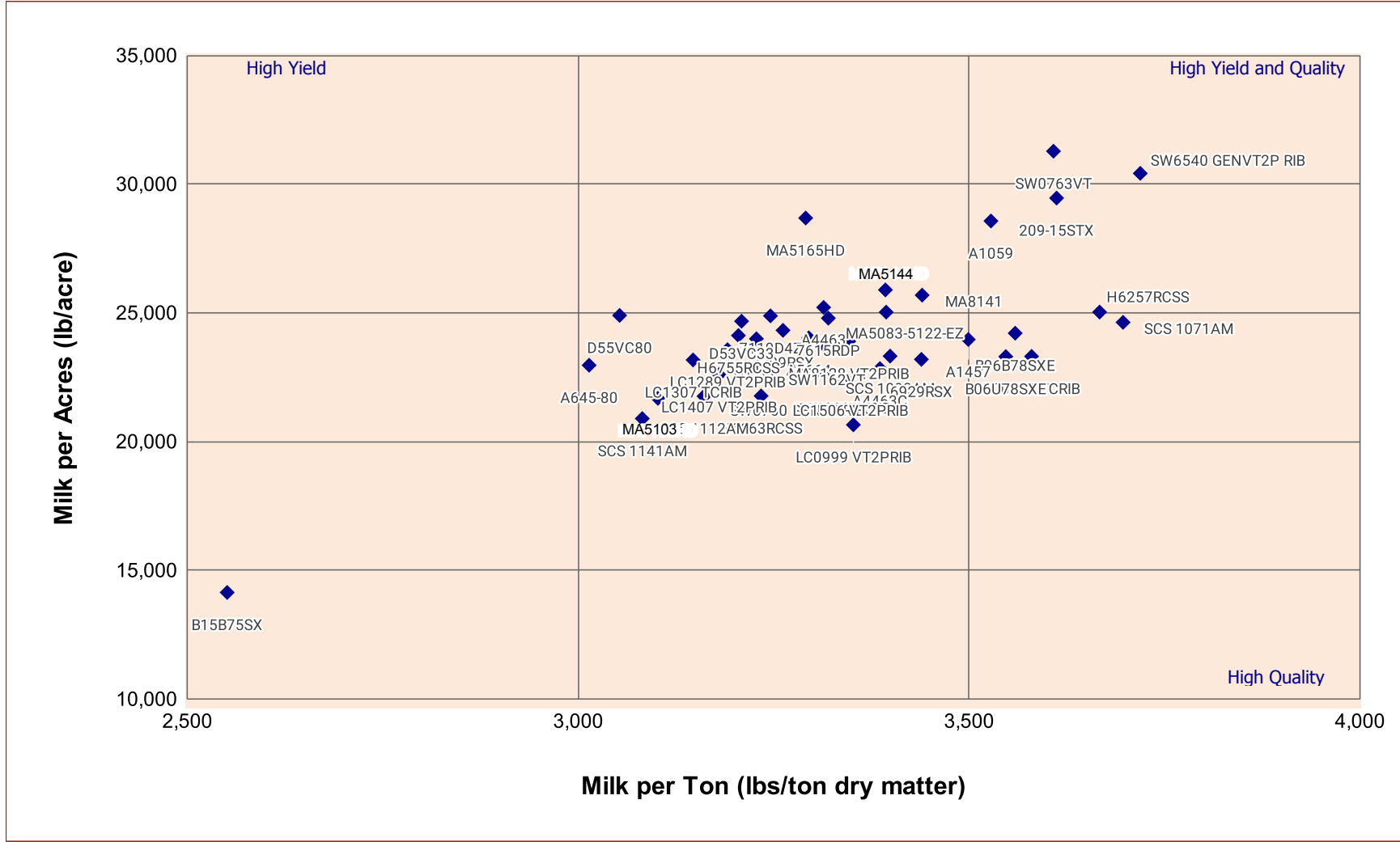
Excellent growing year. Planted in wet soil but emergence was good. Generally rainfall amounts were good except for a two week period in late June. Harvest was timely and although there was some gray leaf spot present at harvest only a few hybrids were infected above ear leaf. Overall rating of the plot is a 8 out of 10. (10=best)

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Report Date: 9/9/2021 Revision Date: 10/6/2021 Changed product name for MA5144, MA5103

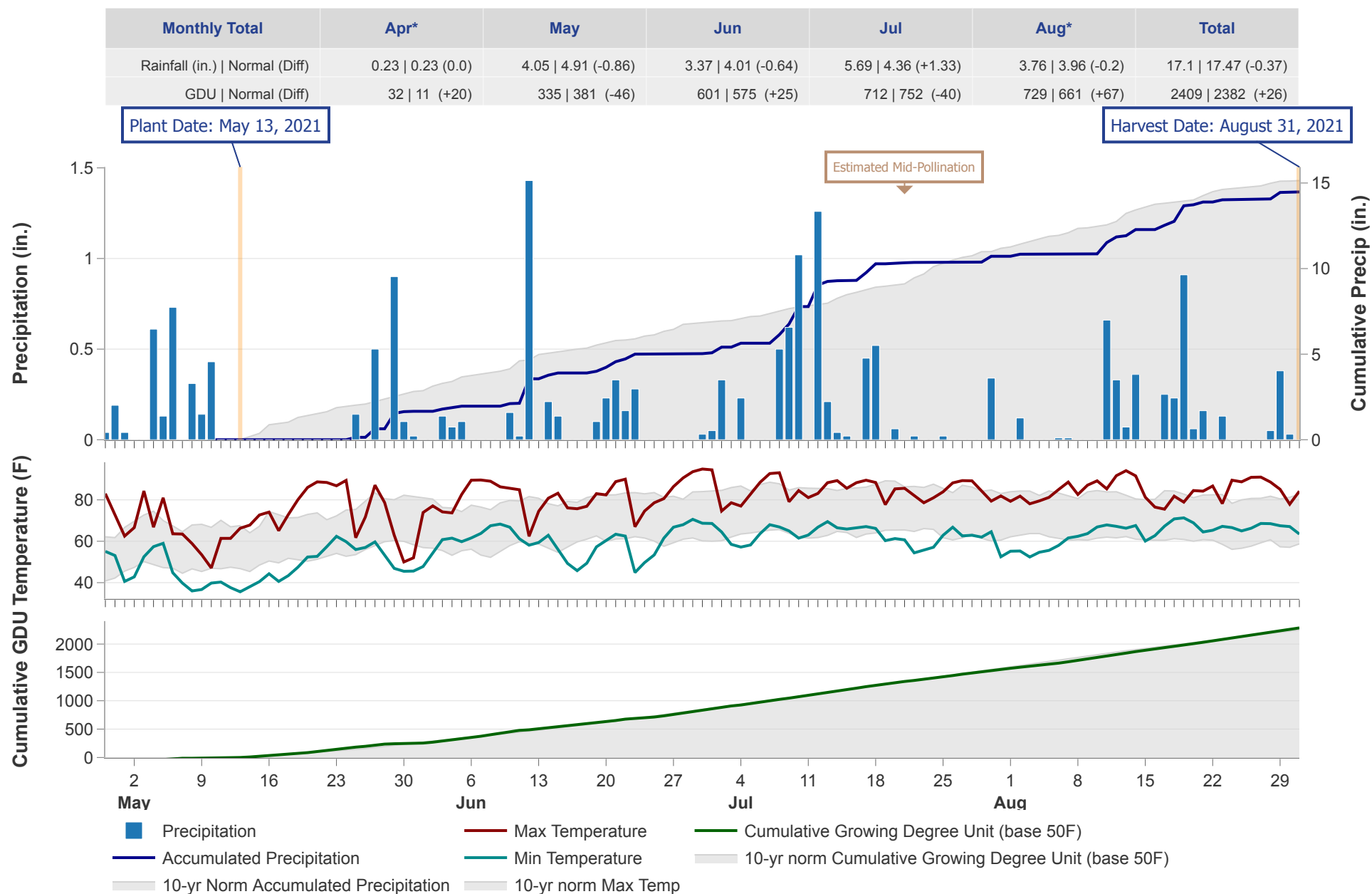
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Yield vs Quality Graph



2021 Corn Silage - Pennsylvania Central [PACE]

Weather Conditions Summary at MIFFLINTOWN, PA



2021 Corn Silage - Pennsylvania Central [PACE]

All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A645-80 GC	3111	N	115	NA
Augusta	A1059	3000GT	N	109	CM,C2
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A1457	5122,B	Y	107	AC,P5
Augusta	A4463	VT2P	N	113	CM,C2
Augusta	A4463C	CONV	N	113	CM,C2
Augusta	A5664	5222	N	114	CM,C2
Brevant	B06B78SXE GC	STX,E	N*	106	NA
Brevant	B06U78SXE GC	STX,E	N*	106	NA
Brevant	B15B75SX GC	STX	N*	115	NA
Channel	209-15STX GC	STX,B	Y	109	NA
Channel	210-98STXRIB GC	STX,B	Y	112	NA
Chemgro	6929RSX	STX,B	Y	109	AC,P5
Chemgro	7119D4Z	5122,B	Y	111	CM,C2
Chemgro	7309RSX	STX,B	Y	113	AC,P2
Chemgro	7615RDP	VT2P,B	Y	116	CM,C2
Dyna-Gro	D53VC33	VT2P	N	113	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5
Hubner	H6257RCSS	STX,B	Y	104	AC,P5V
Hubner	H6663RCSS	STX,B	Y	113	AC,P5V
Hubner	H6755RCSS	STX,B	Y	114	AC,P5V
Local Seed	LC0607 TCRIB	TRE,B	Y	106	RP
Local Seed	LC0999 VT2PRIB	VT2P,B	Y	109	RP
Local Seed	LC1289 VT2PRIB	VT2P,B	Y	112	RP
Local Seed	LC1307 TCRIB	TRE,B	Y	113	RP
Local Seed	LC1407 VT2PRIB	VT2P,B	Y	114	RP
Local Seed	LC1506 VT2PRIB	VT2P,B	Y	115	RP
Mid-Atlantic	MA5083-5122-EZ	5122,B	Y	108	CM,C2
Mid-Atlantic	MA5165HD	3000GT	N*	116	CM,C2
Mid-Atlantic	MA5103	5122,B	Y	110	CM,C2
Mid-Atlantic	MA5144	5122,B	Y	114	CM,C2
Mid-Atlantic	MA8128-VT2PRIB	VT2P,B	N*	112	AC,P2
Mid-Atlantic	MA8141	VT2PDG,B	N*	114	AC,P2
Seed Consultants	SCS 1071AM	AM,B	Y	107	AC,P5V
Seed Consultants	SCS 1092AM	AM,B	Y	109	AC,P5V
Seed Consultants	SCS 1112AM	AM,B	Y	111	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Seed Consultants	SCS 1122Q	QR,B	Y	112	AC,P5V
Seed Consultants	SCS 1141AM	AM,B	Y	114	AC,P5V
Seedway	SW0763VT	VT2P,B	Y	107	AC,P5
Seedway	SW1162VT	VT2P,B	Y	111	AC,P5
Seedway	SW6540 GENVT2P RIB	VT2P,B	Y	109	AC,P5
Seedway	SW6760 GENSS RIB	STX,B	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

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
5222	Agrisure® Duracade® 5222
CONV	Conventional
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® 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
CM,C2	CruiserMaxx® 250
RP	Radius 500 (Local Seed Co)

* Seed treatments may include unspecified plant health promoting components.