

2021 Silage Harvest Report for Pennsylvania Central [PACE]

Gerald Smith, Blair County, PA 16662 [MARTINSBURG]

PREV. CROP/HERB: Alfalfa / none

SOIL INFORMATION: Silty clay loam, mod. well drained, no-till, very high P, very high K, 6.4 pH, 3.5% OM, non-irrigated

UNITS N-P-K Applied: 240-180-290, N Applied: 120 Fall, 120 Spring

PEST MANAGEMENT: Lumax, Xyway, Ethos XP

SEEDED - RATE: May 19

34,500 /A

HARVESTED - STAND: Sep 25

34,000 /A



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

105 - 116 Day CRM

L2021PACE26

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 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)	Milk/Ton DM†† (Lbs)	Rank	
Local Seed	LC1307 TCRIB	TRE,B	113	25.6	34.8	31.7	8.8	35.8	57.01	0.78	36.6	63.5	9.8	3,754	9	33,592
Seedway	SW1162VT	VT2P,B	111	25.0	33.7	36.6	8.7	43.2	59.15	0.84	30.4	66.7	7.7	3,809	2	33,284
Local Seed	LC0999 VT2PRIB	VT2P,B	109	25.3	34.6	37.1	7.8	42.4	62.11	0.82	32.7	60.6	8.0	3,750	11	33,162
Mid-Atlantic	MA5144	5122,B	114	25.0	33.9	33.3	8.4	39.5	62.16	0.80	34.5	63.9	9.2	3,795	4	33,162
Augusta	A1457	5122,B	107	24.9	33.8	35.9	8.1	42.3	61.96	0.82	32.6	61.4	7.1	3,770	7	32,900
Seed Consultants	SCS 1071AM	AM,B	107	24.5	34.6	31.5	9.4	36.9	64.57	0.80	34.9	64.2	7.1	3,759	8	32,190
Seedway	SW0763VT	VT2P,B	107	24.9	33.2	36.2	8.5	38.0	58.43	0.79	35.1	60.8	8.0	3,686	13	32,080
Chemgro	7615RDP	VT2P,B	116	25.3	34.8	32.5	8.7	36.1	61.82	0.79	36.1	62.0	9.7	3,589	19	31,822
Augusta	A1059	3000GT	109	25.0	34.8	36.2	8.6	38.6	62.73	0.79	34.9	60.0	6.6	3,615	18	31,673
Augusta	A5664	5222	114	23.7	32.3	32.3	8.5	38.6	59.00	0.80	33.9	65.4	9.1	3,801	3	31,529
Chemgro	6929RSX	STX,B	109	23.8	35.2	34.0	9.1	37.2	59.92	0.80	35.3	63.1	7.3	3,752	10	31,298
Local Seed	LC1289 VT2PRIB	VT2P,B	112	24.7	33.2	32.1	8.1	34.1	61.37	0.78	38.3	63.0	10.1	3,570	22	30,821
Augusta	A4463C	CONV	113	23.3	34.8	32.8	8.5	38.9	59.66	0.80	34.8	62.3	10.1	3,781	6	30,790
Channel	209-15STX	STX,B	109	23.9	34.6	32.6	8.5	37.1	59.97	0.78	36.6	61.9	8.7	3,669	14	30,648
Hubner	H6257RCSS	STX,B	104	22.9	35.2	35.4	8.6	38.9	61.76	0.82	33.6	65.5	7.0	3,820	1	30,617
Seed Consultants	SCS 1092AM	AM,B	109	23.6	31.8	36.0	8.6	37.1	59.91	0.80	35.5	62.3	8.0	3,695	12	30,521
Augusta	A4463	VT2P	113	24.4	34.5	33.4	8.6	32.5	57.52	0.76	39.2	63.6	10.2	3,570	23	30,446
Mid-Atlantic	MA5083-5122-EZ	5122,B	108	23.9	33.8	34.5	7.9	36.8	64.69	0.78	37.4	62.2	8.4	3,628	17	30,306
Channel	210-98STXRIB	STX,B	112	22.8	31.0	33.5	8.8	39.0	58.44	0.81	33.6	66.4	8.4	3,791	5	30,252
Local Seed	LC1407 VT2PRIB	VT2P,B	114	24.2	34.1	31.5	8.4	34.3	61.77	0.78	37.4	62.6	9.8	3,553	25	30,094
Mid-Atlantic	MA8128-VT2PRIB	VT2P,B	112	23.9	33.4	34.1	7.9	34.5	57.70	0.77	37.6	62.1	10.1	3,567	24	29,880
Hubner	H6755RCSS	STX,B	114	23.4	33.6	29.9	8.4	33.9	61.31	0.77	38.6	63.7	10.7	3,631	16	29,780
Mid-Atlantic	MA5103	5122,B	110	24.0	33.9	31.4	8.1	35.4	64.70	0.78	37.7	59.6	11.1	3,482	30	29,249
Seedway	SW6760 GENSS RIB	STX,B	112	23.6	33.8	31.3	8.6	32.7	63.27	0.76	39.7	60.6	11.5	3,539	26	29,191
Local Seed	LC0607 TCRIB	TRE,B	106	23.5	33.7	35.1	8.2	35.3	62.96	0.77	38.3	60.3	8.7	3,523	28	29,018
Augusta	A1165	VT2P	115	22.9	34.1	31.3	8.5	35.2	62.43	0.79	36.7	61.9	9.8	3,585	20	28,692
Seed Consultants	SCS 1122Q	QR,B	112	23.2	36.7	30.7	8.7	32.7	61.75	0.77	38.6	64.2	10.4	3,519	29	28,615
Mid-Atlantic	MA8141	VT2PDG,B	114	22.5	33.7	31.1	8.2	35.4	64.24	0.78	36.8	60.6	9.9	3,537	27	27,813
Seed Consultants	SCS 1112AM	AM,B	111	21.4	33.2	29.2	9.1	33.3	66.66	0.78	37.8	63.6	10.0	3,576	21	26,826
Brevant	B06U78SXE	STX,E	106	18.5	34.8	34.2	8.6	32.3	62.72	0.79	38.1	72.1	5.8	3,641	15	23,618
Average =				23.4	34.0	32.7	8.5	35.2	61.5	0.80	37.2	62.8	9.3	3,582		30,462
LSD(0.10) =				1.4												
LSD(0.25) =				0.7												
C.V. =				5.8												

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† 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 good. Emergence and early vigor were excellent. Weed control was very good with only a little yellow foxtail late in the season. Disease pressure was mainly on a few hybrids, gray leaf spot was prominent with some northern leaf blight. Rainfall was good early on then turned dry in June, rains came again in late July and continued until harvest. With 15 inches of total rainfall in the last 5 weeks before harvest, plant moistures at harvest were excellent. The overall rating of the plot is a 9 out of 10. (10=best)

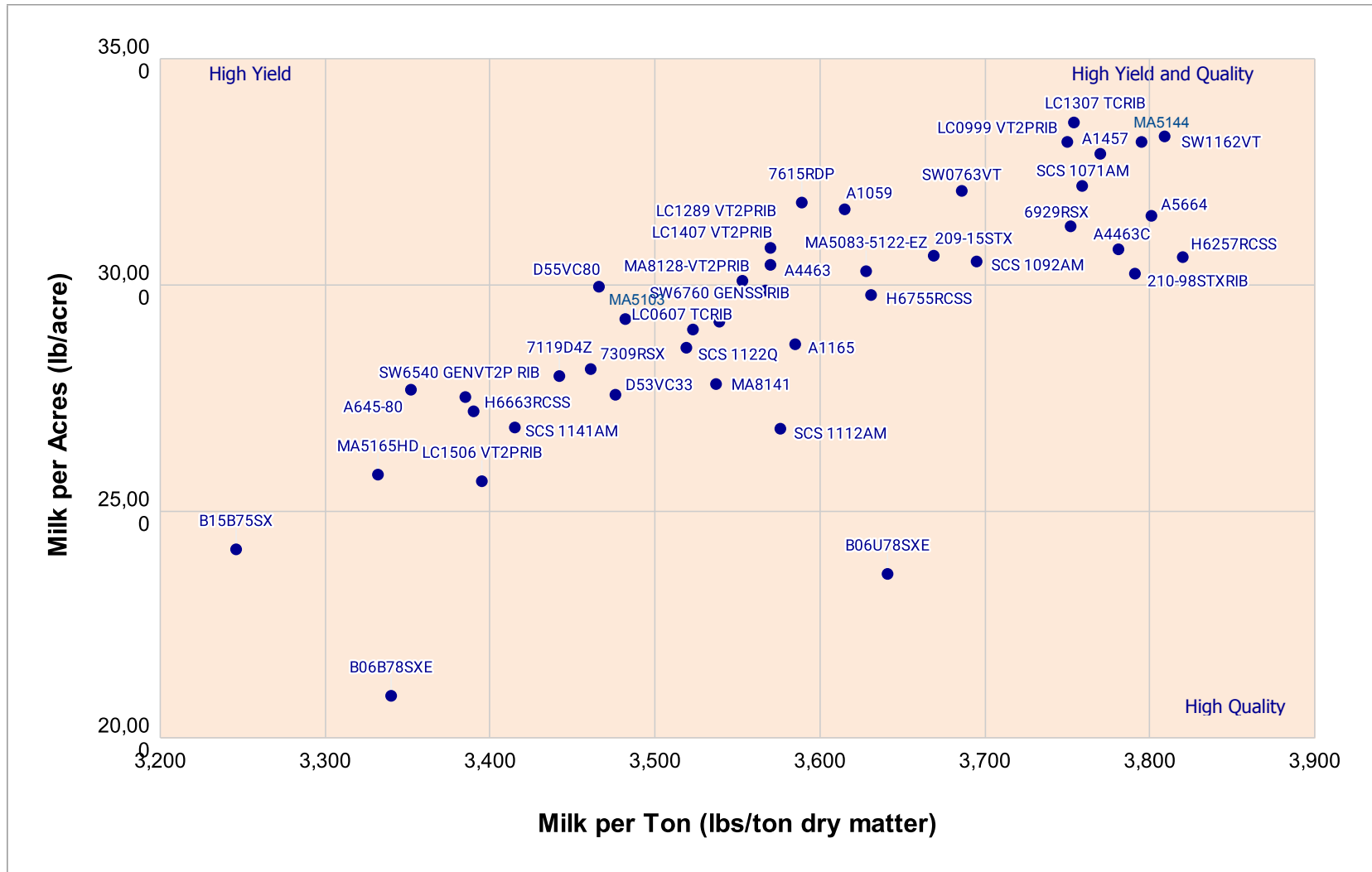
Visit us at www.firstseedtests.com

Report Date: 9/28/2021

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

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Yield vs Quality Graph

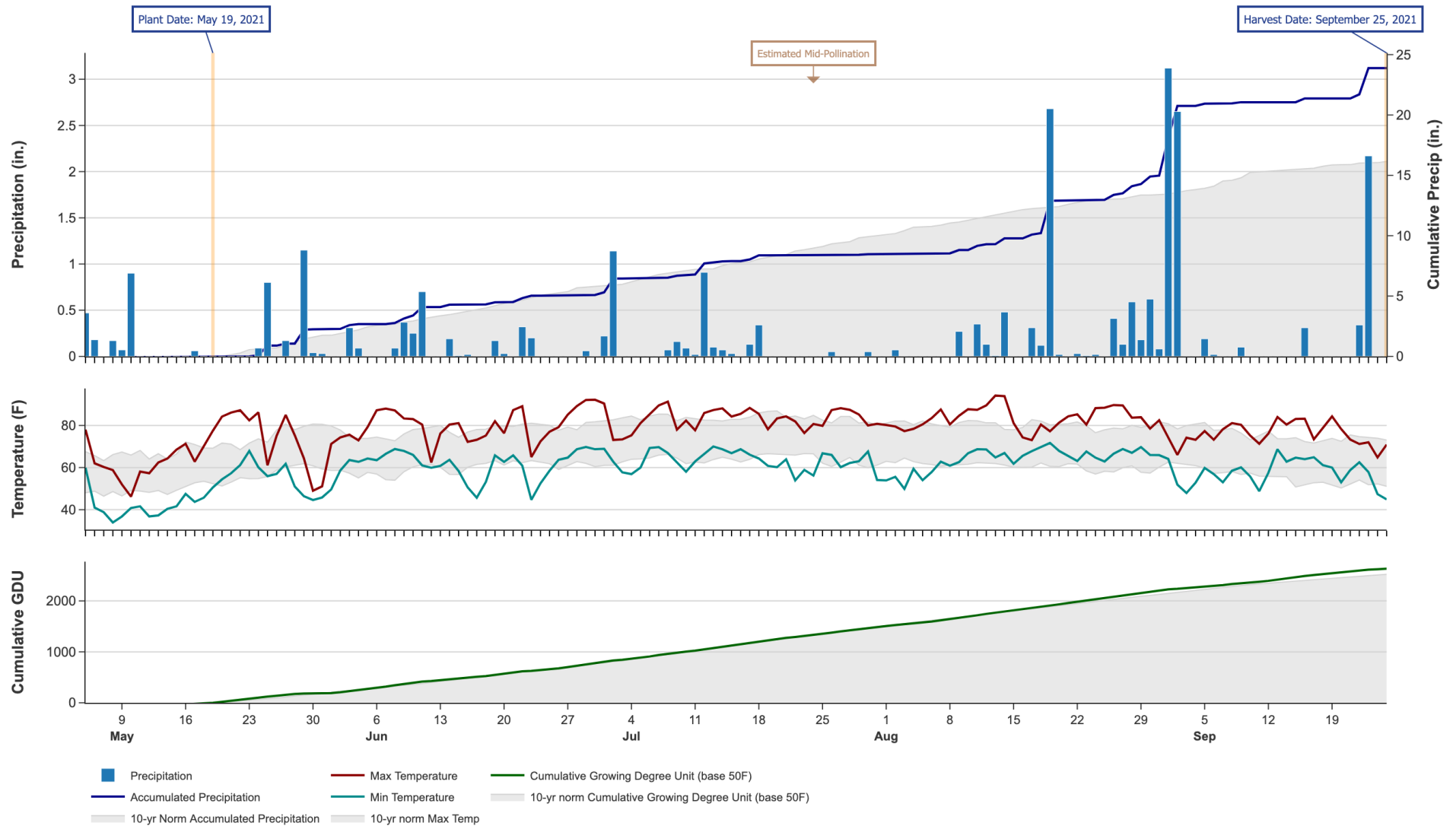


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Weather Conditions Summary at MARTINSBURG, PA

Weather Data Retrieved: 09/28/2021

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	4.1 3.9 (+0.2)	2.8 4.0 (-1.2)	3.4 4.3 (-0.9)	6.5 3.3 (+3.2)	8.9 2.8 (+6.2)	25.7 18.3 (+7.4)
GDU Normal (Diff)	264 329 (-65)	603 565 (+37)	706 731 (-25)	718 637 (+80)	423 391 (+31)	2714 2655 (+58)



* 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 (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	B06B78SX GC	STX,E	N*	106	NA
Brevant	B06U78SX 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.
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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.