

2022 Silage Harvest Report for Pennsylvania Southeast [PASE]

Alan and Paul Mason, Chester County, PA 19362 [NOTTINGHAM]



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

PREV. CROP/HERB: Corn, 2+ Yr / Capreno, Simazine

SOIL INFORMATION: Chrome silt loam, well drained, no-till, very high P, high K, 5.7 pH, 3.8% OM, non-irrigated

UNITS N-P-K Applied: 180-100-250, N Applied: 45 Fall, 45 Spring, 90 Sidedress

PEST MANAGEMENT: Glyphosate, Ethos, Capreno, atrazine

SEEDED - RATE: May 25 34,500 /A

HARVESTED - STAND: Sep 15 30,500 /A

113 - 119 Day CRM

L2022PASE21

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	
Seedway	SW 1421VT	VT2P	114	25.8	29.0	39.8	7.3	43.3	58.62	0.81	32.7	57.9	12.0	3,515	14	31,742
Chemgro	7309RSX	STX	113	25.6	31.5	38.0	6.6	41.6	59.04	0.79	34.7	55.9	13.2	3,506	16	31,373
Mid-Atlantic	MA5144	DVZ	114	25.3	29.6	39.1	6.5	43.4	58.54	0.80	33.1	57.5	12.1	3,435	24	30,458
Hubner	H6663RCSS	STX	113	24.2	31.0	39.7	6.3	45.5	58.20	0.83	31.2	57.1	11.5	3,564	6	30,226
Revere	1398 VT2PRIB	VT2P	113	24.4	31.5	40.6	6.9	44.7	59.18	0.82	31.9	57.2	11.8	3,533	10	30,213
Revere	1307 TCRIB	TRE	113	24.4	30.1	38.7	6.6	40.1	59.42	0.78	35.9	54.0	13.8	3,497	19	29,862
Seed Consultants	SC1183AM	AM	118	23.3	29.8	37.0	6.9	39.7	60.32	0.79	35.3	57.8	12.7	3,523	12	28,693
Dyna-Gro	D55VC80	VT2P	115	22.3	30.5	36.3	6.5	41.6	57.97	0.80	34.3	56.5	11.8	3,610	3	28,131
Seed Consultants	SCS 1158AM	AM	115	22.1	31.4	37.8	5.9	46.3	58.60	0.82	31.3	53.9	12.1	3,586	4	27,782
Seedway	SW 6760SS	STX	112	22.8	30.2	39.2	6.3	41.2	60.06	0.78	34.6	54.5	11.4	3,467	20	27,670
Augusta	A1964	3110	114	22.3	31.5	38.7	6.0	46.1	58.31	0.82	31.3	54.8	12.4	3,521	13	27,482
Chemgro	7789RSX	STX	117	21.3	31.4	36.4	7.3	42.5	57.89	0.80	33.5	58.9	11.4	3,691	1	27,477
Redtail	RT 65T09-D1	DVZ	115	23.2	31.0	37.0	5.7	39.4	59.58	0.77	37.3	54.5	14.4	3,381	28	27,416
Hubner	H1330S	STX	113	21.9	29.6	37.5	5.8	41.6	60.23	0.79	35.0	56.2	12.7	3,556	7	27,298
Revere	1707 VT2P	VT2P	117	21.8	30.8	38.1	6.5	41.0	54.01	0.77	35.8	55.1	12.8	3,536	9	27,022
Augusta	A4463	VT2P	113	21.7	29.1	40.0	6.5	43.2	59.42	0.80	33.8	59.0	12.1	3,553	8	26,946
Seedway	SW 1579SS	STX	115	22.3	30.8	36.9	6.3	37.5	61.26	0.76	38.7	57.7	13.8	3,410	26	26,576
DeKalb	DKC62-53RIB	VT2P	115	21.2	29.1	38.7	6.7	44.9	58.69	0.82	31.6	56.3	12.0	3,568	5	26,520
Augusta	A9967	3000GT	117	22.4	30.2	36.0	5.5	40.4	60.25	0.77	36.9	51.3	13.1	3,376	29	26,511
Mid-Atlantic	MA8141 SSRIB	STX	116	21.5	31.9	38.1	6.6	42.2	55.11	0.79	34.2	53.4	13.2	3,501	18	26,384
Redtail	RT 64T39-D1	DVZ	114	22.0	28.8	36.7	6.1	38.4	61.88	0.76	37.7	55.2	13.7	3,425	25	26,376
Seed Consultants	SCS 1170AM	AM	117	21.4	31.4	36.5	6.9	40.9	58.47	0.79	34.4	56.3	12.8	3,506	17	26,297
Hubner	H6755RCSS	STX	114	20.6	30.8	37.7	6.2	39.8	59.60	0.78	36.5	55.2	14.3	3,465	21	25,022
Brevant	B14U78SXE	STX,E	114	20.7	31.4	36.1	6.1	36.8	58.22	0.78	37.1	62.2	11.0	3,453	22	24,976
Augusta	A7162	VT2P	116	20.9	31.2	37.3	6.0	41.9	58.34	0.78	36.0	52.8	14.4	3,387	27	24,775
Chemgro	7539D4Z	DVZ	115	20.1	29.7	37.4	5.6	44.3	61.71	0.80	34.0	54.7	13.0	3,451	23	24,278
Dyna-Gro	D58VC22	VT2P	118	20.5	29.8	38.6	5.7	39.9	60.20	0.77	37.7	55.4	14.8	3,375	30	24,257
Mid-Atlantic	MA5166	3111	116	19.5	30.2	36.6	6.7	44.0	57.50	0.81	32.5	55.2	12.4	3,512	15	23,931
Augusta	A1165	VT2P	115	18.0	31.1	34.2	6.3	39.2	60.84	0.79	35.6	61.0	10.5	3,653	2	23,054
Revere	1524 DV	DV	115	16.7	31.7	36.4	5.6	42.9	63.27	0.79	34.4	58.0	12.9	3,531	11	20,595

Robin Kauffman

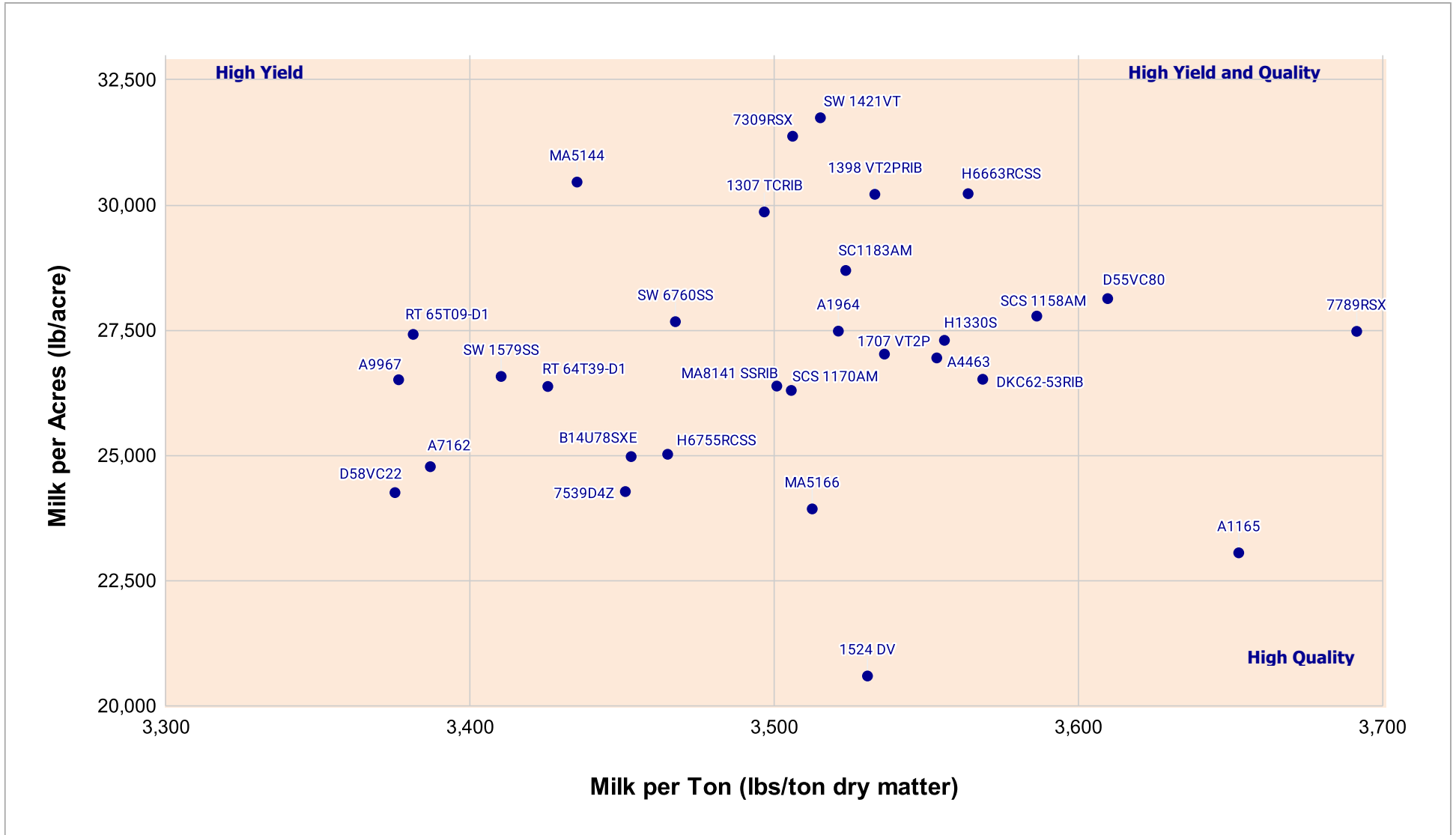
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Average =	21.6	30.5	37.4	6.3	40.8	59.0	0.80	35.5	55.7	12.9	3,473	26,978
LSD(0.10) =	2.0											
LSD(0.25) =	1.1											
C.V. =	8.8											

† 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: *With wet planting conditions followed by above-average rainfall for most of the summer, the weed control was good. The plot showed some variability in certain areas. The crop in general was good with little disease and adequate moisture. The overall rating of the plot is a 7 out of 10. (10=best)*

Yield vs Quality Graph

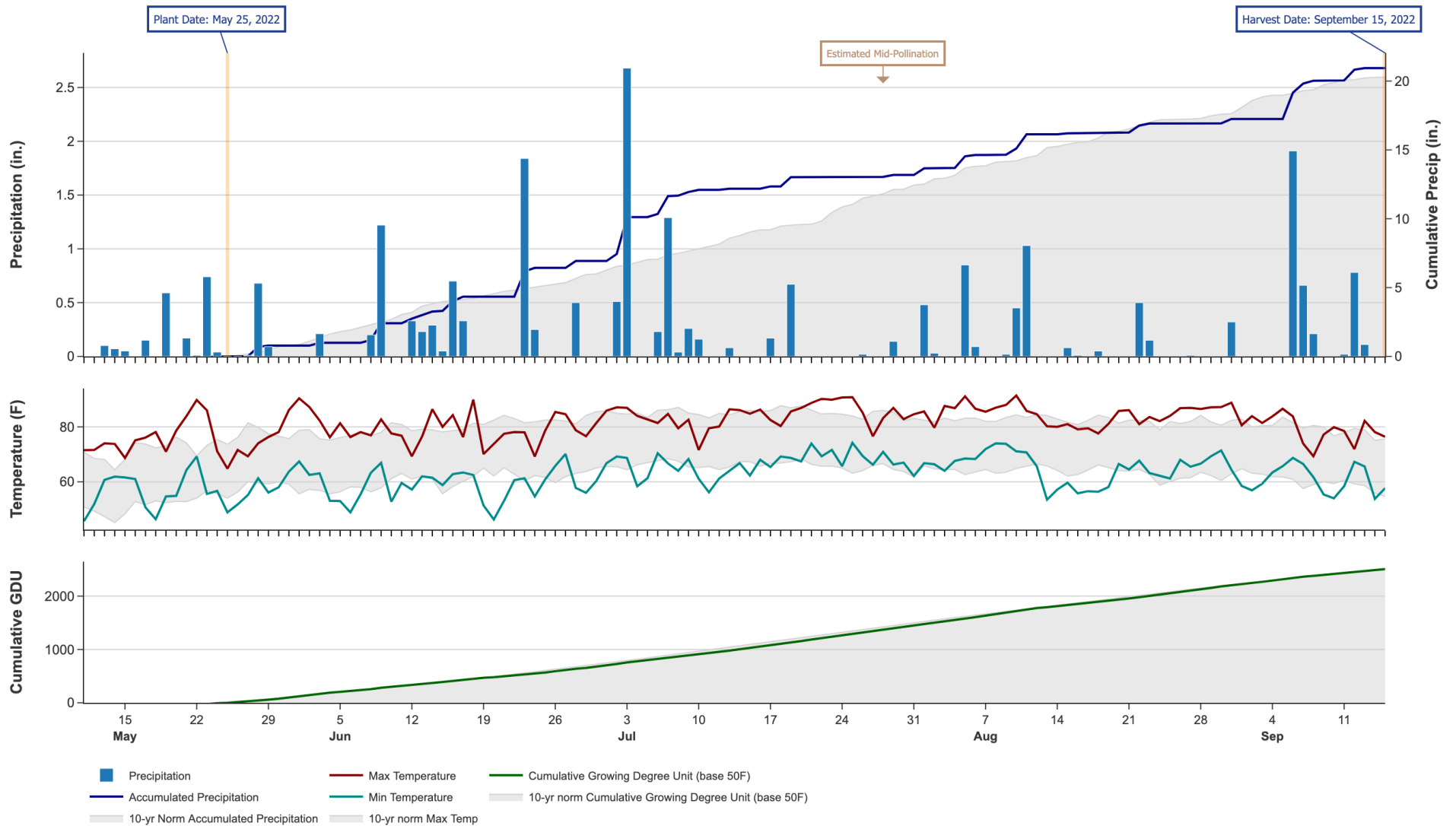


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Weather Conditions Summary at NOTTINGHAM, PA

Weather Data Retrieved: 09/21/2022

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	2.7 3.1 (-0.4)	6.2 5.2 (+0.9)	6.2 6.5 (-0.2)	4.1 5.2 (-1.1)	3.7 2.6 (+1.0)	22.9 22.6 (+0.2)
GDU Normal (Diff)	342 292 (+49)	574 606 (-32)	775 787 (-12)	758 713 (+44)	300 296 (+3)	2749 2695 (+53)



* 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	A1165	VT2P	N	115	CM,C2
Augusta	A1465 VT2PRIB	VT2P	Y	115	AC,P5
Augusta	A1964	3110	N	114	Tr
Augusta	A4463	VT2P	N	113	Tr
Augusta	A7162 GC	VT2P	U	116	Tr
Augusta	A9967	3000GT	N*	117	CM,C2
Brevant	B14U78SX E GC	STX,E	N*	114	Lum
Chemgro	7309RSX	STX	Y	113	AC,P5
Chemgro	7539D4Z	DVZ	Y	115	CM,C2
Chemgro	7789RSX	STX	Y	117	AC,P5
Chemgro	7799D5Z	DV	Y	117	CM,C2
DeKalb	DKC62-53RIB GC	VT2P	Y	115	AC,P5,EDC
Dyna-Gro	D55VC80	VT2P	N	115	P500
Dyna-Gro	D58VC22	VT2P	N*	118	P500
Hubner	H1330S GC	STX	Y	113	Tr
Hubner	H1872S	STX	Y	118	AC,P5V
Hubner	H6663RCSS	STX	Y	113	AC,P5V
Hubner	H6755RCSS	STX	Y	114	AC,P5V
Mid-Atlantic	MA5144	DVZ	Y	114	CM,C2
Mid-Atlantic	MA5161	DVZ	Y	116	CM,C2
Mid-Atlantic	MA5166	3111	N	116	CM,C2
Mid-Atlantic	MA8141 SSRIB	STX	Y	116	CM,C2
Redtail	RT 64T39-D1	DVZ	Y	114	CM,C2
Redtail	RT 65T09-D1	DVZ	Y	115	CM,C2
Revere	1307 TCRIB	TRE	Y	113	RP
Revere	1398 VT2PRIB	VT2P	Y	113	RP
Revere	1524 DV	DV	Y	115	RP
Revere	1707 VT2P	VT2P	Y	117	RP
Revere	1919 VT2P	VT2P	Y	119	RP
Seed Consultants	SC1183AM	AM	Y	118	Lum
Seed Consultants	SCS 1158AM GC	AM	Y	115	Lum
Seed Consultants	SCS 1170AM	AM	Y	117	Lum
Seedway	SW 1188SS	STX	Y	111	AC,P5
Seedway	SW 1421VT	VT2P	Y	114	AC,P5
Seedway	SW 1579SS	STX	Y	115	AC,P5
Seedway	SW 6760SS GC	STX	Y	112	Tr

* 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)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
AM	Optimum® AcreMax®
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
STX	SmartStax®
TRE	Trecepta®
VT2P	VT Double PRO®

Corn Silage Seed Treatments*

NA	Not Available
AC,P5	Acceleron® 500
AC,P5,EDC	Acceleron Poncho 500, B-300
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.