

2021 Silage Harvest Report for Pennsylvania Southeast [PASE]

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

PREV. CROP/HERB: Corn / glyphosate, Capreno, atrazine

SOIL INFORMATION: Silt loam, mod. well drained, minimum w/o fall till, very high P, medium K, 5.8 pH, 3.6% OM, non-irrigated

UNITS N-P-K Applied: 270-230-365, N Applied: 105 Fall, 105 Spring, 60 Sidedress

PEST MANAGEMENT: Lumax, Capreno, atrazine, Xyway, Ethos

SEEDED - RATE: May 25 34,500 /A

HARVESTED - STAND: Sep 14 32,100 /A



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

113 - 119 Day CRM

L2021PASE22

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)	(Lbs)	Rank	
Dyna-Gro	D55VC80	VT2P	115	28.0	33.0	39.3	7.9	45.2	60.24	0.81	31.7	55.6	9.1	3,734	3	36,593
Seedway	SW6760 GENSS RIB	STX,B	112	28.2	32.8	38.8	8.3	42.2	61.66	0.79	33.8	55.6	9.8	3,647	12	36,038
Local Seed	LC1919 VT2P	VT2P,B	119	26.1	31.8	35.1	8.7	40.3	63.10	0.80	33.1	56.6	7.8	3,819	1	34,887
Seedway	SW1781SS	STX,B	117	28.4	31.8	38.8	8.1	39.2	59.01	0.77	36.1	53.2	11.2	3,506	22	34,809
Seed Consultants	SCS 1188AM	AM,B	118	27.9	32.1	39.9	8.0	42.3	62.21	0.79	33.2	51.8	9.5	3,490	25	34,080
Local Seed	LC1688 SSXRIB	STX,B	116	26.4	31.5	34.4	8.1	39.1	61.95	0.77	35.6	56.2	10.3	3,660	10	33,861
Seed Consultants	SCS 1170AM	AM,B	117	28.0	32.8	42.0	7.4	40.9	64.23	0.78	35.4	54.5	9.8	3,451	30	33,780
Seedway	SW1579SS	STX,B	115	25.9	32.1	35.4	8.6	37.5	59.17	0.77	36.5	57.8	10.8	3,713	5	33,658
AgriGold	A645-80	3111	115	25.9	32.8	34.8	8.7	39.4	60.03	0.78	34.6	53.8	10.2	3,684	6	33,352
Local Seed	LC1707 VT2P	VT2P,B	117	26.9	32.5	39.9	7.8	41.5	58.70	0.79	34.8	52.7	10.0	3,546	18	33,344
Local Seed	LC1506 VT2PRIB	VT2P,B	115	25.9	31.5	36.0	8.0	41.9	55.73	0.78	33.9	51.4	10.8	3,671	7	33,235
Chemgro	7789RSX	STX,B	117	25.3	32.2	33.3	8.3	38.3	63.51	0.78	35.2	56.6	9.9	3,729	4	33,064
Augusta	A1165	VT2P	115	25.7	31.2	35.4	8.1	39.5	62.74	0.79	34.5	55.8	10.3	3,665	9	32,924
Augusta	A9967	3000GT	117	25.8	32.1	40.6	7.1	47.5	65.49	0.82	30.7	55.3	8.6	3,634	13	32,815
Local Seed	LC1407 VT2PRIB	VT2P,B	114	26.3	32.3	35.5	7.9	39.7	61.71	0.78	35.4	53.1	10.6	3,569	16	32,811
Mid-Atlantic	MA5166	3111	116	26.5	31.8	33.4	8.5	35.0	62.10	0.75	38.5	55.0	11.1	3,525	21	32,736
Mid-Atlantic	MA8141	VT2PDG,B	114	24.7	31.9	35.6	7.9	43.7	59.97	0.80	32.4	53.3	9.7	3,776	2	32,688
Hubner	H6755RCSS	STX,B	114	26.4	32.0	35.4	7.7	39.7	61.76	0.77	36.2	52.4	11.6	3,541	19	32,678
Seed Consultants	SCS 1158AM	AM,B	115	25.9	32.0	35.4	8.6	37.4	61.58	0.76	37.6	56.9	10.1	3,572	15	32,380
Mid-Atlantic	MA8158	STX,B	115	26.5	32.3	37.2	8.1	37.7	61.35	0.76	37.9	52.0	11.1	3,478	26	32,258
Dyna-Gro	D577C29	TRE	117	25.6	32.0	33.5	8.3	38.0	60.03	0.77	36.5	51.7	12.3	3,529	20	31,620
Hubner	H4890RC2P	VT2P,B	117	25.9	32.4	35.9	7.9	36.8	60.14	0.75	38.3	52.0	12.5	3,465	28	31,451
Augusta	A5664	5222	114	24.6	31.6	34.7	7.6	39.1	63.22	0.77	35.6	56.8	9.1	3,652	11	31,401
Brevant	B15B75SX	STX	115	23.9	32.8	33.8	8.8	33.0	58.90	0.76	38.5	63.2	8.5	3,619	14	30,231
Augusta	A3363	VT2PDG	113	24.6	31.6	40.5	7.1	45.5	63.69	0.81	32.0	53.1	9.9	3,505	23	30,137
Augusta	A4463C	CONV	113	24.6	31.3	41.8	7.6	42.0	61.59	0.79	34.8	55.1	10.6	3,496	24	30,101
Channel	210-98STXRIB	STX,B	112	24.4	31.0	33.6	7.7	37.3	65.93	0.76	37.7	52.2	11.7	3,472	27	29,651
Hubner	H6390RCSS	STX,B	108	23.6	32.7	41.0	8.0	39.4	60.81	0.77	36.2	55.9	10.8	3,458	29	28,523
Seed Consultants	SCS 1141AM	AM,B	114	22.8	32.0	32.8	8.4	35.8	60.58	0.76	38.4	56.3	10.7	3,560	17	28,409
Brevant	B14U78SXE	STX,E	114	22.0	32.4	33.6	7.9	37.0	63.68	0.78	36.2	63.0	7.5	3,671	8	28,310

Robin Kauffman

Rob Kauffman

rkmait@aol.com, (717) 413-0763

Average = 25.6 32.1 37.0 7.9 39.0 62.0 0.80 36.2 54.4 10.6 3,515 32,394
 LSD(0.10) = 1.3
 LSD(0.25) = 0.7
 C.V. = 5.0

† 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 wet and warm. Emergence was fast and uniform. Weed control was excellent. Rainfall was above-average for most of the summer; corn was never stressed until harvest.

Some gray leaf spot and anthracnose were present but did not affect standability. Early hybrids did dry down early and moisture was lower. The overall plot rating is an 8 out of 10. (10=best)

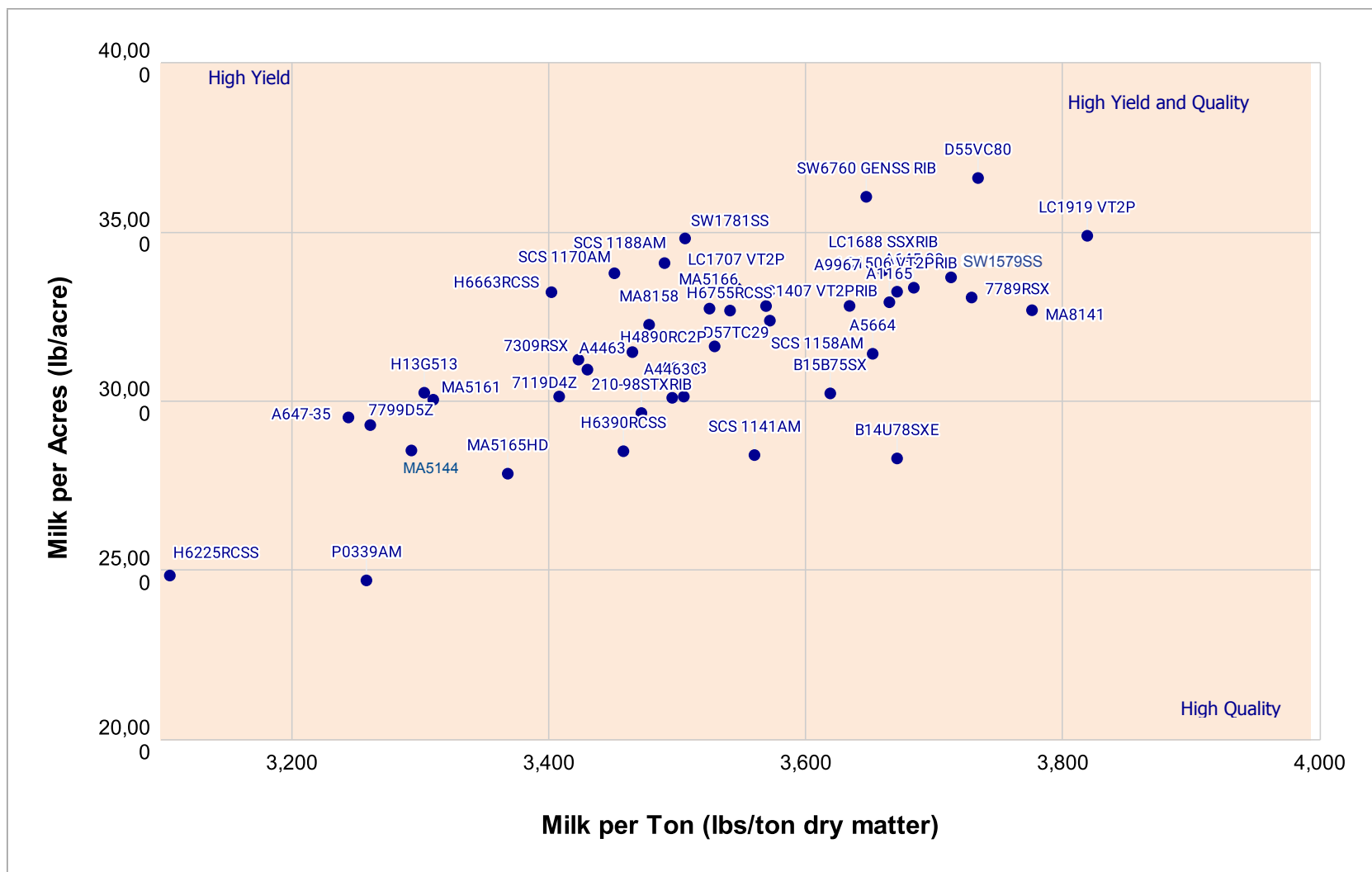
Visit us at www.firstseedtests.com

Report Date: 9/20/2021

Revised: 9/22/2021 Corrected SW1579SS technology

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Yield vs Quality Graph

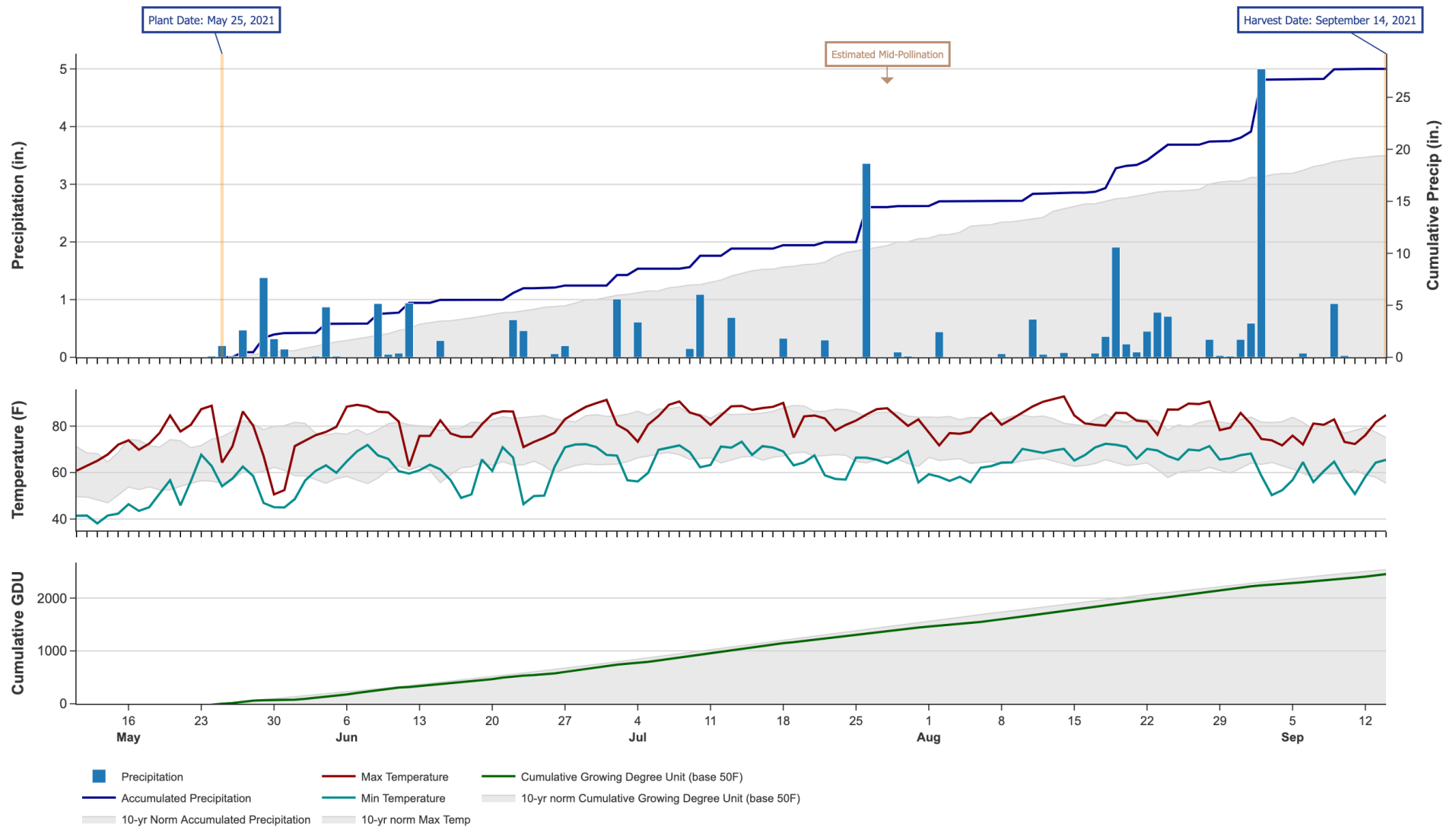


2021 Corn Silage - Pennsylvania Southeast [PASE]

Weather Conditions Summary at NOTTINGHAM, PA

Weather Data Retrieved: 09/20/2021

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	2.5 3.0 (-0.5)	4.6 5.0 (-0.4)	7.7 5.8 (+1.8)	6.6 5.5 (+1.0)	6.6 2.4 (+4.2)	27.9 21.9 (+6.1)
GDU Normal (Diff)	266 302 (-36)	623 623 (0)	754 798 (-44)	755 712 (+42)	255 283 (-28)	2653 2720 (-67)



* 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
AgriGold	A647-35 GC	5222,B	Y	117	NA
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A3363	VT2PDG	N	113	CM,C2
Augusta	A4463	VT2P	N	113	CM,C2
Augusta	A4463C	CONV	N	113	CM,C2
Augusta	A5664	5222	N	114	CM,C2
Augusta	A9967	3000GT	N*	117	CM,C2
Brevant	B14U78SX GC	STX,E	N*	114	NA
Brevant	B15B75SX GC	STX	N*	115	NA
Channel	210-98STXRIB GC	STX,B	Y	112	NA
Chemgro	7119D4Z	5122,B	Y	111	CM,C2
Chemgro	7309RSX	STX,B	Y	113	AC,P2
Chemgro	7789RSX	STX,B	Y	117	AC,P5
Chemgro	7799D5Z	5222,B	Y	117	CM,C2
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5
Dyna-Gro	D57TC29	TRE	N	117	AC,P5
Hubner	H13G513	VT2PDG,B	Y	113	P500
Hubner	H4890RC2P	VT2P,B	Y	117	P250
Hubner	H6225RCSS GC	STX	Y	102	AC,P5V
Hubner	H6390RCSS	STX,B	Y	108	AC,P5V
Hubner	H6663RCSS	STX,B	Y	113	AC,P5V
Hubner	H6755RCSS	STX,B	Y	114	AC,P5V
Local Seed	LC1407 VT2PRIB	VT2P,B	Y	114	RP
Local Seed	LC1506 VT2PRIB	VT2P,B	Y	115	RP
Local Seed	LC1688 SSXRIB	STX,B	Y	116	RP
Local Seed	LC1707 VT2P	VT2P,B	Y	117	RP
Local Seed	LC1919 VT2P	VT2P,B	Y	119	RP
Mid-Atlantic	MA5161	5122,B	Y	116	CM,C2
Mid-Atlantic	MA5165HD	3000GT	N*	116	CM,C2
Mid-Atlantic	MA5166	3111	N	116	CM,C2
Mid-Atlantic	MA5144	5122,B	Y	114	CM,C2
Mid-Atlantic	MA8141	VT2PDG,B	N*	114	AC,P2
Mid-Atlantic	MA8158	STX,B	Y	115	AC,P2
Pioneer	P0339AM GC	AM,B	Y	103	NA
Seed Consultants	SCS 1141AM	AM,B	Y	114	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Seed Consultants	SCS 1158AM	AM,B	Y	115	AC,P5V
Seed Consultants	SCS 1170AM	AM,B	Y	117	AC,P5V
Seed Consultants	SCS 1188AM	AM,B	Y	118	AC,P5V
Seedway	SW1579SS	STX,B	Y	115	AC,P5
Seedway	SW1781SS	STX,B	Y	117	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
P250	Poncho 250
P500	Poncho 500
RP	Radius 500 (Local Seed Co)

* Seed treatments may include unspecified plant health promoting components.