

2021 Silage Harvest Report for Pennsylvania Central [PACE]

Adams Farms, Steve Adams, Perry County, PA 17066 [NEW BLOOMFIELD]

PREV. CROP/HERB: Corn / Lexar, Simazine

SOIL INFORMATION: Silty clay loam, mod. well drained, no-till, high P, low K, 5.4 pH, 3.6% OM, non-irrigated

UNITS N-P-K Applied: 245-145-230, N Applied: 185 Spring, 60 Planter

PEST MANAGEMENT: Lexar, Simazine, Xyway, Ethos, Capreno, atrazine

SEEDED - RATE: May 15 34,500 /A

HARVESTED - STAND: Sep 28 34,100 /A



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

105 - 116 Day CRM

L2021PACE23

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	29.2	34.2	44.3	7.6	45.6	59.58	0.82	30.6	52.0	10.5	3,478	9	35,505
Local Seed	LC1407 VT2PRIB	VT2P,B	114	27.6	33.9	40.6	8.4	42.7	57.15	0.80	32.6	51.7	10.0	3,612	1	34,850
Mid-Atlantic	MA5165HD	3000GT	116	28.7	34.2	38.2	8.1	37.4	62.87	0.77	36.2	53.0	11.2	3,453	13	34,726
Mid-Atlantic	MA5144	5122,B	114	27.7	34.6	39.0	8.2	40.3	62.80	0.79	34.0	54.4	10.2	3,510	6	34,070
Local Seed	LC1506 VT2PRIB	VT2P,B	115	28.8	33.6	41.6	7.8	39.6	60.56	0.76	36.4	49.8	12.1	3,351	26	33,817
Dyna-Gro	D55VC80	VT2P	115	27.6	34.5	42.9	7.7	39.5	62.40	0.77	36.4	53.9	11.9	3,397	21	32,775
Augusta	A4463	VT2P	113	27.2	35.4	43.4	8.6	40.8	55.82	0.78	34.2	52.5	11.1	3,436	14	32,751
Dyna-Gro	D53VC33	VT2P	113	27.1	34.7	42.7	7.5	42.8	58.61	0.80	33.0	50.7	10.6	3,434	17	32,531
Mid-Atlantic	MA8141	VT2PDG,B	114	25.6	34.6	38.9	8.5	41.5	60.68	0.81	32.1	50.8	10.0	3,601	2	32,307
Seed Consultants	SCS 1122Q	QR,B	112	26.4	33.3	37.8	8.3	39.7	62.58	0.79	34.6	51.3	11.1	3,465	10	32,017
Augusta	A5664	5222	114	26.1	33.7	38.0	7.7	37.5	65.98	0.76	36.8	54.2	10.6	3,483	8	31,817
Seedway	SW1162VT	VT2P,B	111	25.2	34.8	39.1	8.6	41.5	59.94	0.82	31.5	56.9	10.7	3,599	3	31,743
Augusta	A1165	VT2P	115	26.2	34.8	39.7	8.6	37.4	58.95	0.78	36.4	53.3	12.3	3,435	15	31,499
Augusta	A1059	3000GT	109	25.8	34.7	43.3	8.8	39.7	55.15	0.80	33.6	53.4	10.4	3,435	16	31,058
AgriGold	A645-80	3111	115	26.0	35.0	36.6	8.7	34.2	61.91	0.75	38.6	51.8	11.8	3,405	20	30,986
Channel	210-98STXRIB	STX,B	112	25.4	32.6	39.0	8.0	37.0	57.87	0.77	36.9	55.4	12.0	3,458	12	30,782
Local Seed	LC1289 VT2PRIB	VT2P,B	112	25.8	34.3	41.3	7.8	38.9	56.95	0.78	35.6	52.9	12.4	3,391	23	30,621
Seed Consultants	SCS 1092AM	AM,B	109	25.3	32.4	45.2	8.1	41.1	57.92	0.79	33.0	54.0	10.9	3,420	19	30,324
Mid-Atlantic	MA5083-5122-EZ	5122,B	108	25.8	34.6	44.6	8.1	40.2	58.67	0.79	34.6	55.1	11.0	3,332	27	30,088
Chemgro	6929RSX	STX,B	109	25.8	35.0	39.7	8.3	34.3	59.25	0.75	38.4	53.8	12.2	3,323	29	29,968
Mid-Atlantic	MA5103	5122,B	110	24.1	34.2	40.5	8.4	39.8	60.39	0.80	33.5	55.1	11.4	3,525	4	29,692
Seed Consultants	SCS 1071AM	AM,B	107	24.9	34.2	43.6	8.4	41.5	57.26	0.80	32.8	53.8	10.8	3,389	24	29,496
Hubner	H6663RCSS	STX,B	113	24.3	34.7	38.4	8.1	37.4	62.05	0.77	36.5	52.4	11.8	3,461	11	29,436
Hubner	H6257RCSS	STX,B	104	24.4	34.8	50.7	7.8	49.1	57.09	0.85	27.1	55.0	8.6	3,432	18	29,269
Channel	209-15STX	STX,B	109	23.8	34.5	42.7	8.2	43.6	56.93	0.81	31.9	55.4	10.9	3,513	5	29,222
Seed Consultants	SCS 1141AM	AM,B	114	24.7	32.8	39.7	8.2	37.3	62.14	0.77	37.8	55.4	12.0	3,351	25	28,969
Local Seed	LC0999 VT2PRIB	VT2P,B	109	24.3	34.2	44.2	7.8	42.6	57.35	0.81	32.2	52.0	11.1	3,392	22	28,809
Chemgro	7119D4Z	5122,B	111	23.1	32.8	40.7	8.4	41.3	60.99	0.80	33.4	54.7	10.9	3,507	7	28,354
Chemgro	7615RDP	VT2P,B	116	23.1	33.7	38.0	9.0	32.7	61.85	0.75	40.1	54.7	13.1	3,327	28	26,860
Augusta	A1457	5122,B	107	21.5	33.6	41.9	9.0	37.3	58.10	0.79	34.8	53.3	11.1	3,306	30	24,839
Average =				25.2	34.1	41.6	8.1	38.3	59.3	0.80	36.0	53.4	11.6	3,359		30,973
LSD(0.10) =				2.1												
LSD(0.25) =				1.1												
C.V. =				8.0												

Robin Kauffman

Rob Kauffman

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

† 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 went well, conditions were great. Emergence was good and corn started nicely. Rainfall for most of the summer was above average with just a week of drier conditions in June. Weed control was good and disease pressure was mainly held to the stalk below ear leaf, with the exception of a few hybrids. Field conditions did not allow for an early harvest and some early hybrids were dried down below quality expectations. The overall rating of the plot is a 7 out of 10. (10=best)

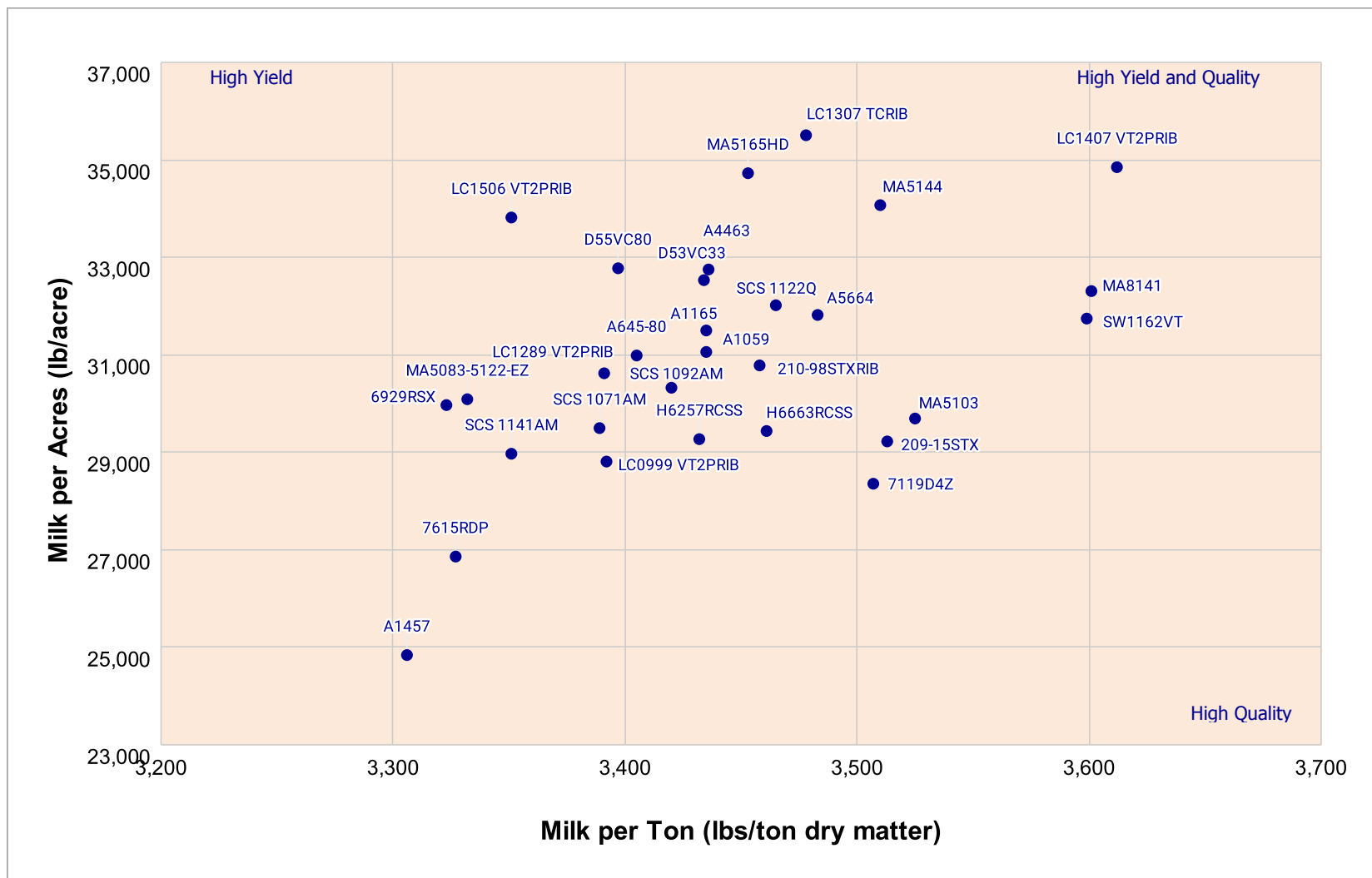
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Report Date: 10/7/2021

Revised:

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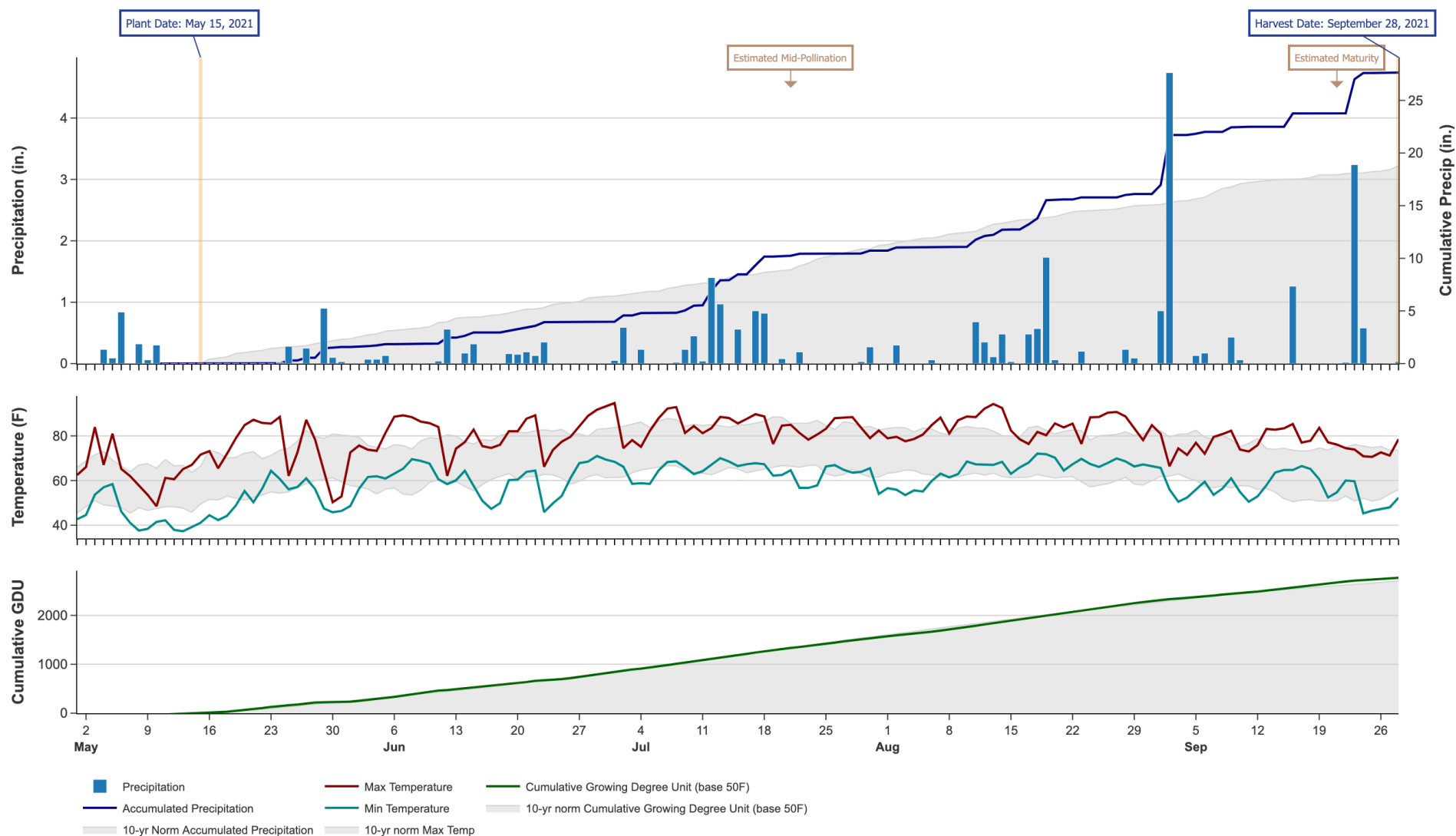
Yield vs Quality Graph



2021 Corn Silage - Pennsylvania Central [PACE]

Weather Conditions Summary at NEW BLOOMFIELD, PA

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in.) Normal (Diff)	3.4 4.7 (-1.3)	2.4 4.1 (-1.7)	6.8 4.8 (+2.0)	5.4 3.8 (+1.6)	11.5 3.7 (+7.8)	29.5 21.2 (+8.3)
GDU Normal (Diff)	336 374 (-38)	603 574 (+28)	729 765 (-36)	742 672 (+69)	469 444 (+24)	2879 2831 (+47)



* 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.

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	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	MA5103	5122,B	Y	110	CM,C2
Mid-Atlantic	MA5144	5122,B	Y	114	CM,C2
Mid-Atlantic	MA5165HD	3000GT	N*	116	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.