

Test by: M.A.I.T.S. Mount Joy, PA

2020 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] RINGTOWN, PA
Scott Careyva, Juniata County, PA 17967

All-Season Test	99 - 109 Day CRM B2020PACE03
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Glyphosate
SOIL DESCRIPTION:	silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.7 pH, 2.6% OM, 8.5 CEC
PEST MANAGEMENT:	Capture, Atrazine, Dual, Callisto, Quilt Excel
FERTILITY - Applied N:	90 Spring, 5 Planter, 130 Sidedress
Applied N-P-K (units):	225-10-60
SEEDED - RATE - ROW:	May 13 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 14 34.5 /A

TEST COMMENTS:

The plot looked good for most of the growing season. Good uniform emergence and early vigor had this plot looking for some high yields. Rainfall was adequate for most of the growing season with an exception for a dry spell in late July into early August. Rains did come to finish the crop in September. Weed control was excellent. Surprised to see some significant lodging at harvest of some hybrids, anthracnose, and diplopia seemed to be the main disease carriers. Although there are some yield swings due to the lodging this plot has a lot to look for, strong yields, and superior stalk strength. The overall rating of the plot is an 8 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CHEMGRO	6605RDP	VT2P,B	106	270.1	17.0	1	35.4	1231	1
MID-ATLANTIC	MA8039	VT2P	103	266.9	17.2	24	35.2	1216	2
AUGUSTA	1059	3110	109	260.5	18.6	3	35.7	1177	3
DYNA-GRO	D45TC55	TRE	105	258.3	18.0	11	35.5	1171	5
CHEMGRO	6395RDP	VT2P,B	103	257.7	17.0	6	33.2	1175	4
SEED CONSULTANTS	SCS1071AM	AM,B	107	254.8	18.8	18	35.6	1151	6
HUBNER	H6390RCSS	STX,B	108	252.9	18.1	7	34.8	1146	8
HUBNER	H6287RCSS	STX,B	104	252.7	17.8	18	35.8	1147	7
AUGUSTA	4759	3111	108	251.9	18.2	18	34.2	1141	9
SEED CONSULTANTS	SCS1091AM	AM,B	109	248.0	19.9	6	32.9	1113	10
MID-ATLANTIC	MA8091VT2P	VT2P	109	245.1	18.0	14	34.5	1112	11
DYNA-GRO	D49SS70	STX	109	245.0	17.9	16	35.1	1112	12
MID-ATLANTIC	MA8008	VT2P	100	243.5	17.7	18	33.9	1106	13
DEKALB	DKC59-82RIB GC	VT2P,B	109	243.5	19.0	23	33.7	1098	14
PIONEER	P0806AM GC	AM,B	108	241.9	18.1	15	35.1	1097	15
MID-ATLANTIC	MA8066	VT2PDG	106	241.1	17.6	3	33.1	1096	16
NK BRAND	NK0886-5122-EZR	5122,B	108	240.8	19.1	18	33.9	1085	18
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	240.0	17.6	18	33.9	1091	17
AUGUSTA	4757	VT2P	107	239.1	18.2	8	33.7	1083	19
AUGUSTA	1060	3330	109	238.9	19.5	10	34.6	1074	22
NK BRAND	NK0968-3000GT	3000GT	109	238.0	18.8	13	31.9	1075	21
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	237.8	18.2	4	32.8	1077	20
AUGUSTA	4958-3120	3120,B	108	235.9	18.6	11	34.2	1066	23
LOCAL SEED	LC0297 SSSRIB	STX,B	102	235.2	18.6	24	35.1	1063	24
CHEMGRO	6505RDP	VT2P,B	105	234.5	18.0	9	35.1	1063	25
PIONEER	P0963AM GC	AM,B	109	234.4	18.8	4	33.7	1059	26
NK BRAND	NK1082-5222A-EZR	5222A,B	110	233.4	20.0	24	35.3	1047	28
DYNA-GRO	D44SS54 GC	STX	104	232.1	17.7	17	34.4	1054	27
MID-ATLANTIC	MA5024	5222,B	102	227.9	18.4	13	35.8	1031	30
LOCAL SEED	LC0607 TCRIB	TRE,B	106	227.6	18.0	38	35.7	1032	29

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Averages = **239.3** **18.3** **17** **34.5** **1084**

LSD (0.10) = 19.9 ns ns

LSD (0.25) = 10.4 ns ns

C.V. = 7.9

Historic yield: 230.5 bu/a, 11 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.61

Report Date: 11/15/2020

Additional reports available at www.firstseedtests.com

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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2020 Corn - Pennsylvania Central [PACE]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1059	3110	109	AVC,C5
AUGUSTA	1060	3330	109	CM,C2
AUGUSTA	4757	VT2P	107	AC,P5V
AUGUSTA	4759	3111	108	CM,C2
AUGUSTA	4958-3120	3120,B	108	CM,C2
CHEMGRO	6395RDP	VT2P,B	103	AC,P2
CHEMGRO	6505RDP	VT2P,B	105	AC,P2
CHEMGRO	6605RDP	VT2P,B	106	AC,P2
CHEMGRO	6819D5Z	5222,B	108	CM,C5,Vi
DEKALB	DKC58-64RIB GC	STX,B	108	NA
DEKALB	DKC59-82RIB GC	VT2P,B	109	NA
DYNA-GRO	D44SS54 GC	STX	104	AC,P5V,EDC-B
DYNA-GRO	D45TC55	TRE	105	AC,P5V,EDC-B
DYNA-GRO	D49SS70	STX	109	AC,P5V,EDC-B
HUBNER	H05G716	VT2PDG	105	AC,P5V
HUBNER	H6225RCSS	STX,B	102	AC,P5V
HUBNER	H6287RCSS	STX,B	104	AC,P5V
HUBNER	H6390RCSS	STX,B	108	AC,P5V
LOCAL SEED	LC0297 SSXRIB	STX,B	102	RA
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	RA
LOCAL SEED	LC0607 TCRIB	TRE,B	106	RA
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	RA
MID-ATLANTIC	MA5024	5222,B	102	NA
MID-ATLANTIC	MA8008	VT2P	100	NA
MID-ATLANTIC	MA8039	VT2P	103	NA
MID-ATLANTIC	MA8066	VT2PDG	106	NA
MID-ATLANTIC	MA8091VT2P	VT2P	109	NA
MID-ATLANTIC	MA8106	VT2P	109	NA
NK BRAND	NK0886-5122-EZR	5122,B	108	AVC,C5,Vi
NK BRAND	NK0968-3000GT	3000GT	109	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
PIONEER	P0806AM GC	AM,B	108	NA
PIONEER	P0963AM GC	AM,B	109	NA
SEED CONSULTANTS	SCS1069AM	AM,B	106	NA
SEED CONSULTANTS	SCS1071AM	AM,B	107	NA
SEED CONSULTANTS	SCS1091AM	AM,B	109	NA

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

NA	Not Available
AC,P2	Acceleron, Poncho 250
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
CM,C5,Vi	CruiserMaxx 500 with Vibrance
RA	Radius 500 (Local Seed Co)

** Seed treatments may include unspecified plant health promoting components.