

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

2020 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] CENTRE HALL, PA
Wade Wolfe, Centre County, PA 16828

All-Season Test	99 - 109 Day CRM B2020PACE05
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Glyphosate, Capreno, Atrazine
SOIL DESCRIPTION:	silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, low K, 5.3 pH, 2.7% OM, 9.5 CEC
PEST MANAGEMENT:	Glyphosate, Capreno, Atrazine. Capture
FERTILITY - Applied N:	45 Fall, 150 Spring
Applied N-P-K (units):	195-85-145
SEEDED - RATE - ROW:	May 19 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 4 33.7 /A

TEST COMMENTS:

Soil moisture and temperatures were good for quick emergence and the crop was off to a fast start. June was dry but July was hotter and drier. Corn suffered through and a few light showers mid-summer kept yields from going lower. Anthracnose was present but with a low yield expected no fungicide was applied. The overall rating of the plot was a 7 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
MID-ATLANTIC	MA8066	VT2PDG	106	181.4	18.7	4	34.7	825	1
LOCAL SEED	LC0297 SSXRIB	STX,B	102	178.3	17.4	9	35.6	817	2
HUBNER	H6225RCSS	STX,B	102	175.0	16.7	7	36.5	805	3
DEKALB	DKC58-64RIB GC	STX,B	108	174.4	18.0	9	34.8	796	4
HUBNER	H6287RCSS	STX,B	104	172.6	16.5	27	34.1	794	5
MID-ATLANTIC	MA8039	VT2P	103	161.3	17.3	9	35.3	739	6
DYNA-GRO	D44SS54 GC	STX	104	160.5	17.6	19	35.6	734	7
HUBNER	H6390RCSS	STX,B	108	155.5	19.0	11	33.8	706	8
PIONEER	P0963AM GC	AM,B	109	149.9	20.6	7	33.8	675	9
DYNA-GRO	D49SS70	STX	109	149.7	20.7	33	33.3	673	10
SEED CONSULTANTS	SCS1071AM	AM,B	107	148.2	20.8	11	34.1	666	12
DYNA-GRO	D45TC55	TRE	105	147.8	18.4	11	33.3	673	11
NK BRAND	NK1082-5222A-EZR	5222A,B	110	146.4	23.0	10	34.5	650	15
AUGUSTA	4958-3120	3120,B	108	144.5	19.7	14	33.2	654	14
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	143.3	17.4	14	31.4	656	13
MID-ATLANTIC	MA8106	VT2P	109	142.0	20.8	12	33.7	638	17
DEKALB	DKC59-82RIB GC	VT2P,B	109	140.8	19.3	14	32.4	638	18
SEED CONSULTANTS	SCS1091AM	AM,B	109	140.1	23.1	9	31.4	622	20
HUBNER	H05G716	VT2PDG	105	139.9	16.2	33	36.1	645	16
MID-ATLANTIC	MA8008	VT2P	100	136.8	18.0	15	33.5	624	19
NK BRAND	NK0968-3000GT	3000GT	109	135.6	21.1	9	34.3	609	23
LOCAL SEED	LC0607 TCRIB	TRE,B	106	134.4	17.3	45	36.8	616	21
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	134.4	21.2	13	32.7	603	24
AUGUSTA	1060	3330	109	134.2	24.0	14	31.5	593	25
CHEMGRO	6505RDP	VT2P,B	105	134.1	18.0	16	32.1	612	22
PIONEER	P0806AM GC	AM,B	108	129.3	20.2	14	32.5	583	26
MID-ATLANTIC	MA5024	5222,B	102	129.1	19.8	7	34.8	583	27
CHEMGRO	6819D5Z	5222,B	108	128.1	19.8	14	33.7	579	28
NK BRAND	NK0886-5122-EZR	5122,B	108	126.7	21.6	10	33.2	567	29
CHEMGRO	6395RDP	VT2P,B	103	124.0	18.0	11	31.4	566	30

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Averages = **142.2** **19.7** **16** **33.7** **644**

LSD (0.10) = 16.3 0.7 ns

LSD (0.25) = 8.6 0.4 ns

C.V. = 10.9

Historic yield: 187.7 bu/a, 16 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.64

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.