

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

2020 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LEBANON, PA
Steve Wenger, Lebanon County, PA 17042

All-Season Test	105 - 115 Day CRM B2020PASE08
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Bicep Lite, Capreno, Atrazine
SOIL DESCRIPTION:	silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.9 pH, 3.8% OM, 10.5 CEC
PEST MANAGEMENT:	Bicep Lite, Halexgt, Atrazine, Capture, Ethnos, Trivapro-Neo
FERTILITY - Applied N:	156 Spring, 5 Planter, 90 Sidedress
Applied N-P-K (units):	251-150-110
SEEDED - RATE - ROW:	May 5 34.5 /A 30" spacing
HARVESTED - STAND:	Oct 2 33.9 /A

TEST COMMENTS:

Soil moisture was good at planting. Soil temperature was cool, but emergence was very uniform. Growing conditions for the summer were hot but needed rainfall came just when things were starting to look dry. No disease pressure or rootworm lodging or silk clipping. The overall rating of the plot was 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
HUBNER	H6456RCSS	STX	109	286.3	32.5	0	34.1	1063	2
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	281.2	31.8	0	33.9	1049	4
SEED CONSULTANTS	SCS1091AM	AM,B	109	277.8	29.3	0	33.2	1054	3
CHEMGRO	7505RDP	VT2P,B	115	276.5	33.3	0	33.9	1021	8
DEKALB	DKC62-53RIB GC	VT2P,B	112	276.2	31.8	0	34.8	1030	7
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	275.2	30.1	0	33.2	1038	6
SEED CONSULTANTS	SCS1087AM	AM,B	108	274.7	34.1	0	33.8	1009	10
HUBNER	H6287RCSS	STX,B	104	274.5	23.5	0	33.0	1081	1
HUBNER	H6390RCSS	STX,B	108	274.0	28.3	0	33.7	1046	5
DEKALB	DKC59-82RIB GC	VT2P,B	109	270.3	31.4	0	36.0	1011	9
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	269.5	31.9	0	34.3	1004	12
MID-ATLANTIC	MA8128VT2P	VT2P	112	268.1	31.0	0	33.4	1005	11
MID-ATLANTIC	MA8106	VT2P	109	267.6	31.6	0	34.5	999	13
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	264.1	31.2	0	34.2	989	16
AUGUSTA	4463	VT2P	112	264.1	32.4	0	33.2	981	18
NK BRAND	NK1460-5222-EZR	5222,B	114	264.0	35.2	0	35.0	962	23
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	263.2	34.1	0	34.6	967	21
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	262.1	34.1	0	35.2	963	22
PIONEER	P1077AM GC	AM,AQ,B	110	260.9	33.7	0	33.8	961	24
HUBNER	H6692RCSS	STX	112	260.4	28.7	0	33.2	991	15
AUGUSTA	7162	VT2P	112	260.2	33.6	0	33.9	959	25
CHEMGRO	7305RDP	VT2P,B	113	260.1	31.2	0	33.0	974	20
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	259.4	33.8	0	34.7	955	26
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	259.2	27.7	0	34.8	993	14
AUGUSTA	1165 GC	VT2P	115	258.7	35.8	0	33.7	939	30
AUGUSTA	1060	3330	109	258.6	30.1	0	33.2	976	19
CHEMGRO	6819D5Z	5222,B	108	257.9	28.6	0	33.7	983	17
MID-ATLANTIC	MA8158	STX	1115	257.0	34.0	0	33.0	944	27
DYNA-GRO	D52VC63	VT2P	112	256.1	34.1	0	35.1	941	28
MID-ATLANTIC	MA8091VT2P	VT2P	109	254.7	33.3	0	34.7	941	29

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Averages = **259.6** **32.6** **0** **33.9** **964**

LSD (0.10) = 13.2 1.2 ns

LSD (0.25) = 6.9 0.6 ns

C.V. = 4.8

Historic yield: 200.8 bu/a, 16 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.15

Report Date: 10/03/2020

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 Southeast [PASE]

All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1060	3330	109	CM,C2
AUGUSTA	1165 GC	VT2P	115	CM,C2
AUGUSTA	4463	VT2P	112	CM,C1
AUGUSTA	7162	VT2P	112	CM,C1
CHEMGRO	6819D5Z	5222,B	108	CM,C5,Vi
CHEMGRO	7095RDP	VT2P,B	110	AC,P2
CHEMGRO	7305RDP	VT2P,B	113	AC,P2
CHEMGRO	7505RDP	VT2P,B	115	AC,P2
DEKALB	DKC59-82RIB GC	VT2P,B	109	NA
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
DYNA-GRO	D52VC63	VT2P	112	AC,P5V,EDC-B
DYNA-GRO	D55VC80	VT2P	115	AC,P5V,EDC-B
HUBNER	H6287RCSS	STX,B	104	AC,P5V
HUBNER	H6390RCSS	STX,B	108	AC,P5V
HUBNER	H6456RCSS	STX	109	AC,P5V
HUBNER	H6663RCSS	STX,B	113	AC,P5V
HUBNER	H6692RCSS	STX	112	AC,P5V
HUBNER	H6763RCSS	STX,B	115	AC,P5V
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	RA
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	RA
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	RA
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	RA
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	RA
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	RA
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	RA
MID-ATLANTIC	MA5155	3111	115	NA
MID-ATLANTIC	MA8066	VT2PDG	106	NA
MID-ATLANTIC	MA8091VT2P	VT2P	109	NA
MID-ATLANTIC	MA8106	VT2P	109	NA
MID-ATLANTIC	MA8128VT2P	VT2P	112	NA
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	NA
MID-ATLANTIC	MA8158	STX	1115	NA
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
PIONEER	P1077AM GC	AM,AQ,B	110	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PIONEER	P1283AM GC	AM,B	112	NA
SEED CONSULTANTS	SCS1087AM	AM,B	108	NA
SEED CONSULTANTS	SCS1091AM	AM,B	109	NA
SEED CONSULTANTS	SCS1111Q	QR,B	111	NA
SEED CONSULTANTS	SCS1121AM	AM,B	112	NA
SEED CONSULTANTS	SCS1141AM	AM,B	114	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*

3111	Agrisure® Viptera® 3111
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
QR	Qrome™
STX	SmartStax®
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,Vi	Avicta Complete 500, Vibrance
CM,C1	CruiserMaxx 1250
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.