

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

2020 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] SPRING GROVE, PA

Jim Bange, York County, PA 17329

All-Season Test	105 - 115 Day CRM B2020PASE07
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Enville, Glyphosate
SOIL DESCRIPTION:	silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.0 pH, 3.2% OM, 8.8 CEC
PEST MANAGEMENT:	Corvus, Banvel, Capture
FERTILITY - Applied N:	115 Spring, 10 Planter, 105 Sidedress
Applied N-P-K (units):	230-45-215
SEEDED - RATE - ROW:	May 15 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 5 34.5 /A

TEST COMMENTS:

Planting conditions this spring were excellent. Good soil moisture allowed for uniform emergence and good populations. June turned dry and corn was stunted and looked rough going into mid-July. Timely thunderstorms did come in July and August which kept this crop progressing nicely. Generally, standability was good except for a few hybrids. Some gray leaf spot and anthracnose were present. 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
SEED CONSULTANTS	SCS1111Q	QR,B	111	259.4	18.2	7	33.0	1183	1
AUGUSTA	4463	VT2P	112	255.7	18.6	16	35.1	1164	2
MID-ATLANTIC	MA8128VT2P	VT2P	112	250.8	18.5	14	34.1	1142	3
CHEMGRO	7505RDP	VT2P,B	115	250.5	19.5	3	34.7	1134	4
HUBNER	H6456RCSS	STX	109	246.8	19.7	4	34.6	1116	5
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	240.9	17.0	14	34.8	1106	6
CHEMGRO	7305RDP	VT2P,B	113	238.2	19.1	11	34.1	1081	7
DEKALB	DKC62-53RIB GC	VT2P,B	112	235.9	17.7	9	35.7	1078	8
DYNA-GRO	D55VC80	VT2P	115	235.9	19.5	2	35.2	1068	9
HUBNER	H6663RCSS	STX,B	113	234.0	20.5	5	33.0	1054	13
SEED CONSULTANTS	SCS1091AM	AM,B	109	233.0	18.5	7	34.0	1061	12
HUBNER	H6390RCSS	STX,B	108	232.8	17.9	10	33.0	1063	11
SEED CONSULTANTS	SCS1087AM	AM,B	108	231.1	16.1	14	35.5	1066	10
NK BRAND	NK1082-5222A-EZR	5222A,B	110	229.7	17.6	17	35.7	1051	14
SEED CONSULTANTS	SCS1141AM	AM,B	114	228.5	20.6	14	34.6	1028	15
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	224.1	18.4	11	34.3	1021	16
HUBNER	H6763RCSS	STX,B	115	223.5	19.7	5	33.8	1011	18
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	223.4	18.6	15	34.9	1017	17
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	221.1	21.4	1	35.1	991	22
NK BRAND	NK1239-5122-EZR	5122,B	112	219.6	19.2	6	35.5	996	21
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	218.4	16.5	26	34.6	1005	19
SEED CONSULTANTS	SCS1121AM	AM,B	112	217.6	17.4	28	33.8	997	20
MID-ATLANTIC	MA8106	VT2P	109	216.3	18.0	30	33.6	988	23
PIONEER	P1077AM GC	AM,AQ,B	110	214.9	18.1	26	35.4	980	26
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	214.5	16.5	15	35.1	987	24
DYNA-GRO	D52VC63	VT2P	112	212.8	18.8	8	34.5	967	27
DEKALB	DKC59-82RIB GC	VT2P,B	109	212.4	15.9	17	33.9	981	25
AUGUSTA	1060	3330	109	210.8	19.3	4	34.5	955	30
CHEMGRO	7095RDP	VT2P,B	110	208.6	17.0	4	35.3	957	28
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	207.4	15.9	33	35.9	957	29

Robin Kauffman

Rob Kauffman

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

Averages = **220.5** **18.4** **13** **34.5** **1004**

LSD (0.10) = 18.6 1.2 11

LSD (0.25) = 9.8 0.6 6

C.V. = 8.0

Historic yield: 210.0 bu/a, 12 yr(s)

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

Report Date: 11/06/2020

† 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

©2020, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com

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.