

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

2022 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LEBANON, PA

Steve Wenger, Lebanon County, PA 17042

All-Season Test	105 - 115 Day CRM B2022PASE07
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Bicep, Capreno, Atrazine
SOIL DESCRIPTION:	Nolin silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.8 pH, 4.3% OM, 10.7 CEC
PEST MANAGEMENT:	Bicep, Glyphosate
FERTILITY - Applied N:	45 Fall, 65 Spring, 90 Sidedress
Applied N-P-K (units):	200-75-135
SEEDING - RATE - ROW:	May 2 34.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 32.7 /A

TEST COMMENTS:

Poor weed control early and hot and dry weather added to very rough and inconsistent yields. The overall rating of the plot is 5 out of 10. (10=best) Results were rejected due to yield variability.

Company/Brand	Product/Brand	Tested 1	RR	Yield Bu/a	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Holly	H6134 +	STX	111	213.8	22.0	3	32.3	1438	1
Revco	1307 VT2PMB +	TRE	113	208.2	21.5	6	32.5	1488	2
Augusta	A3883 VT2PDS +	VT2PDS	113	204.1	23.8	1	33.0	1481	3
Holly	H6334 +	STX	113	198.7	23.1	3	32.9	1433	4
Holly	H6734 +	STXP	107	193.8	21.1	15	32.5	1401	5
Seedways	SW 1021VT +	VT2P	110	191.2	21.2	3	31.4	1383	6
Holly	H6244 +	STX	113	189.9	21.9	1	32.5	1380	7
Seed Consultants	SC11122Q +	GR	111	187.7	26.1	1	32.5	1338	11
Chengs	7338PDP +	VT2P	111	187.7	21.5	1	32.5	1330	8
Revco	1307 SV2VT2PMB +	VT2P	107	185.7	23.4	1	32.4	1340	10
Seed Consultants	SC11124M +	GR	111	185.1	22.0	1	32.5	1333	12
Chengs	802PDS +	VT2P	108	183.3	23.4	2	32.3	1342	9
Holzer	H627PDS +	STX	113	183.3	21.9	5	32.9	1319	13
Holly	H6344 +	STX	113	183.3	21.5	2	32.0	1301	14
Default	DN134-4198-SC +	VT2P	108	183.3	21.8	2	32.2	1301	15
Revco	1325 SSK +	STX	113	179.1	22.8	2	32.9	1290	16
Revco	1317 VT2PMB +	VT2P	113	179.7	23.8	6	32.8	1285	17
Seedways	SW 1188S +	VT2P	111	179.1	24.9	2	32.0	1296	18
Chengs	7338PDS +	VT2P	113	174.8	26.7	0	32.8	1238	19
Chengs	8728PDS +	VT2P	107	168.3	25.2	3	32.9	1220	20
Holzer	H6134 +	STX	108	167.9	21.1	1	32.4	1214	21
NR Brand	NR 1111 +	SV	110	166.9	22.8	1	32.9	1200	22
Holzer	H6644 +	STX	113	166.9	27.1	1	32.7	1179	24
Default	DN134-4198-SC +	VT2P	108	164.3	19.7	6	32.8	1180	23
Augusta	A1258-5222 +	SV	108	164.2	23.2	2	32.9	1179	25
Holzer	H1338S +	STX	113	163.9	24.0	6	32.5	1173	26
Holly	H6324 MB +	STX	110	163.2	24.7	6	32.9	1165	27
Revco	1308 VT2PMB +	VT2P	113	162.9	26.1	1	32.3	1148	28
Augusta	A1881 TRE +	TRE	111	159.9	22.8	2	32.8	1148	29
Revco	1319 SV2PMB +	STX	108	153.4	21.2	1	32.5	1128	30

Robin Kauffman

Rob Kauffman

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

Averages = 161.0 23.3 3 32.7 1134

LSD (0.10) = 37.4

3.9

ns

LSD (0.25) = 19.6

2.1

ns

C.V. = 22.1

Historic yield: 205.09 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$7.38

Report Date: 11/28/2022

Additional reports available at www.firstseedtests.com

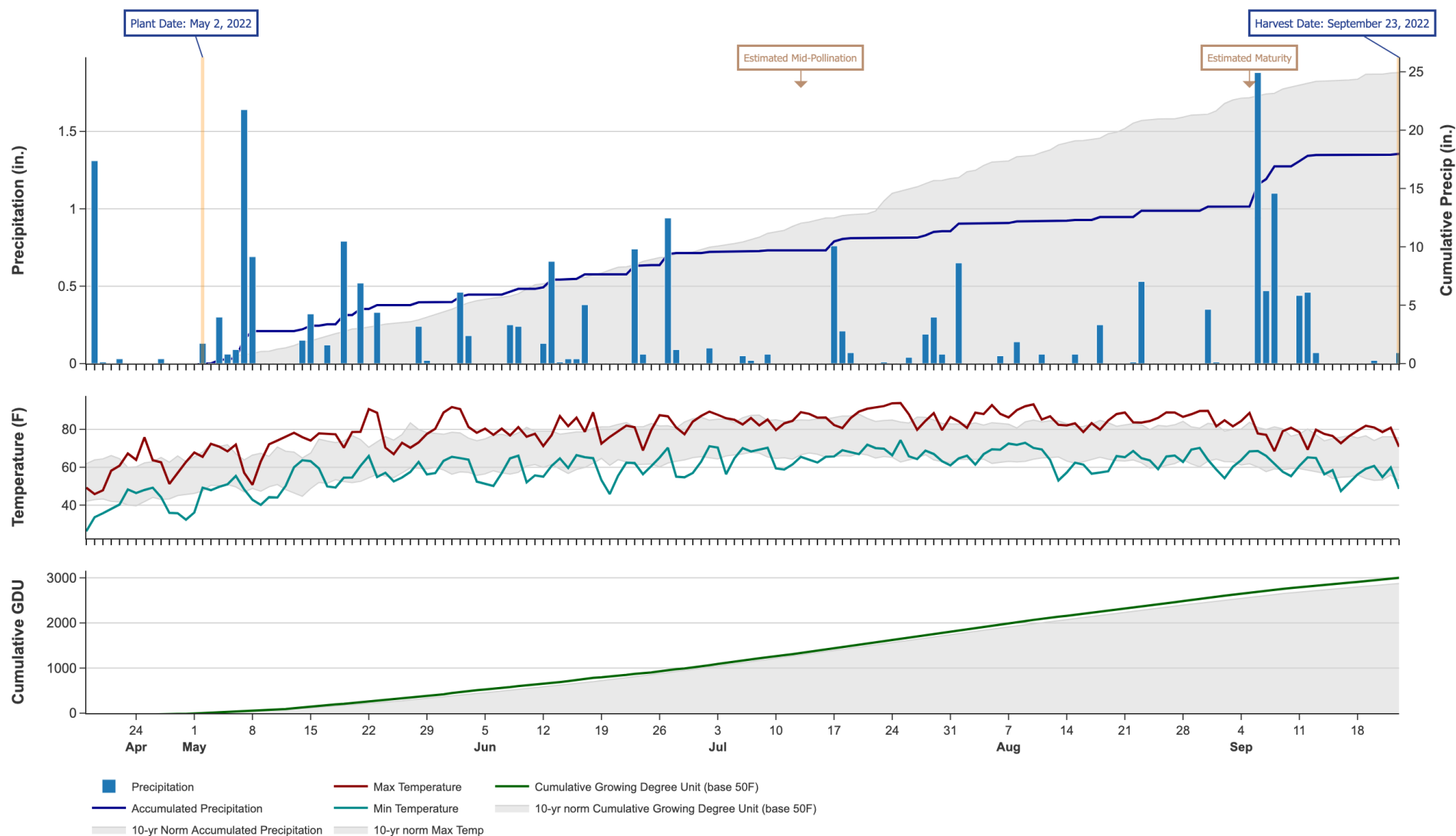
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

©2022, All rights reserved by Elite Field Genetics, LLC

2022 Corn - Pennsylvania Southeast [PASE]

Weather Conditions Summary at LEBANON, PA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	1.4 1.5 (-0.1)	5.4 4.9 (+0.5)	4.2 5.1 (-0.9)	1.9 6.3 (-4.4)	2.1 5.5 (-3.4)	4.5 3.6 (+1.0)	19.5 26.9 (-7.5)
GDU Normal (Diff)	47 76 (-29)	436 387 (+48)	592 597 (-5)	788 783 (+4)	767 711 (+55)	434 412 (+21)	3064 2967 (+96)



* 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.

2022 Corn - Pennsylvania Southeast [PASE]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222	DV	Y*	109	CM,C1
Augusta	A1359 VT2P	VT2P	N	108	CM,C2
Augusta	A1560 VT2P	VT2P	N	110	AC,P5V
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A1964-3110	3110	N	114	CM,C2
Augusta	A3363 VT2PDG	VT2PDG	N	113	CM,C2
Augusta	A4463 VT2P	VT2P	N	113	CM,C2,Vi
Axis	59R27RIB GC	VT2P	Y*	111	Treated
Chemgro	6725RDP	VT2P	Y	107	AC250
Chemgro	6815RDP	VT2P	Y	108	AC250
Chemgro	6929RSX	STX	Y	109	AC,P5,B360
Chemgro	7035RDP	VT2P	Y	110	CM,C5,Vi
Chemgro	7335RDD	VT2PDG	Y	113	AC250
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5
DeKalb	DKC61-41RIB GC	VT2P	Y	111	AC,P5
Hefty	H5764	STXP	N	107	HC
Hefty	H5944	STX	N	109	HC
Hefty	H6064	STX	N	110	HC
Hefty	H6134	STX	N	111	HC
Hefty	H6244	STX	N	112	HC
Hefty	H6354	STX	N	113	HC
Hefty	H6524 RIB	STX	Y	115	HC
Hubner	H1330S	STX	Y	113	AC,P5V,B360
Hubner	H6287RCSS	STX	Y	104	AC,P5V,B360
Hubner	H6390RCSS	STX	Y	108	AC,P5V,B360
Hubner	H6410RCSS	STX	Y	109	AC,P5V,B360
Hubner	H6456RCSS	STX	Y	109	AC,P5V,B360
Hubner	H6663RCSS	STX	Y	113	AC,P5,B360
Mid-Atlantic	MA8108	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110	TRE	N	111	CM,C5
Mid-Atlantic	MA8136	VT2PDG	Y	113	AC,P2
Mid-Atlantic	MA8141	VT2PDG	N	114	CM,C5
Mid-Atlantic	MA8145	VT2P	Y	114	AC,P2
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
NK Brand	NK1026-DVZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Opcorn	REIDS YD-SOP	CONV	N	108	Treated
Pioneer	P1136AM GC	AM	Y	111	Lum
Pioneer	PO924Q GC	QR	Y	109	Lum
Revere	0707 DGVT2PRIB	VT2PDG	Y	107	RA
Revere	0918 SSXRIB	STX	Y	109	RA

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Revere	1125 SSX	STX	Y	111	RA
Revere	1307 TCRIB	TRE	Y	113	RA
Revere	1398 VT2PRIB	VT2P	Y	113	RA
Revere	1525 V	V	Y	115	RA
Revere	1577 VT2PRIB	VT2P	Y	115	RA
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seed Consultants	SC1122Q	QR	Y	112	Lum, L1
Seedway	SW 1021VT	VT2P	Y	110	AC,P5
Seedway	SW 1188SS	STX	Y	111	AC,P5
Seedway	SW 1345TR	TRE	Y	113	AC,P5
Seedway	SW1579VT GC	VT2P	Y	115	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

^	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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AM	Optimum® AcreMax®
CONV	Conventional
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B360	Acceleron® Poncho 500/Votivo with B-360 SAT
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C1	CruiserMaxx® 1250
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5	Cruisermaxx® 500
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
RA	Radius 500 (Local Seed Co)
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.