

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

2022 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] KUTZTOWN, PA

Jon Stutzman, Berks County, PA 19530

All-Season Test	105 - 115 Day CRM B2022PASE10
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat, Cover Crop / Stratego
SOIL DESCRIPTION:	Duffield silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.9 pH, 4.2% OM, 11.7 CEC
PEST MANAGEMENT:	Roundup, Diflexx, Anthem Max, Ethos, Capreno, Atrazine
FERTILITY - Applied N:	28 Spring, 60 Planter, 180 Sidedress
Applied N-P-K (units):	268-124-84
SEEDED - RATE - ROW:	May 24 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 14 32.0 /A

TEST COMMENTS:

Planting in no-till green wheat cover crop went well. Soil moisture and temperature were good. Early spring and into the summer were dry but rainfall did pick up late July into August. Disease pressure was light with some gray leaf spot, anthracnose, and tar spot coming late in the season. At harvest, corn was standing nicely with only top breakage. 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
Augusta	A1259-5222 ↗	DV	109	275.0	21.0	4	34.4	1999	2
Revere	1307 TCRIB ↗	TRE	113	274.4	19.3	2	32.0	2007	1
Seed Consultants	SC1112AM ↗	AM	111	262.8	20.0	1	33.4	1917	3
NK Brand	NK1082-DV ↗	DV	110	260.6	20.2	3	34.2	1900	4
Seed Consultants	SC1093AM ↗	AM	109	257.7	19.9	1	31.9	1880	5
Hefty	H6354 ↗	STX	113	256.0	19.2	1	30.3	1873	6
Hubner	H6456RCSS ↗	STX	109	255.1	20.3	0	30.1	1859	7
Seedway	SW 1188SS ↗	STX	111	253.4	19.8	1	32.4	1850	9
Hefty	H6524 RIB ↗	STX	115	252.8	22.3	1	31.6	1830	13
Revere	0918 SSXRIB ↗	STX	109	252.7	18.7	2	30.7	1852	8
Mid-Atlantic	MA8110 ↗	TRE	111	252.5	19.4	2	30.6	1846	10
Mid-Atlantic	MA8145 ↗	VT2P	114	251.8	20.6	1	31.5	1833	12
Hubner	H6390RCSS ↗	STX	108	251.8	19.1	2	32.9	1842	11
Augusta	A1964-3110 ↗	3110	114	251.2	21.8	0	32.0	1821	16
DeKalb	DKC61-41RIB GC ↗	VT2P	111	251.1	21.3	2	32.8	1824	15
Hubner	H6663RCSS ↗	STX	113	250.4	22.2	0	32.5	1813	17
Chemgro	7335RDD ↗	VT2PDG	113	250.1	19.4	0	33.2	1828	14
Augusta	A4463 VT2P ↗	VT2P	113	248.2	20.2	3	31.6	1809	18
Revere	1525 V ↗	V	115	245.6	22.7	0	32.3	1775	24
Revere	1577 VT2PRIB ↗	VT2P	115	245.5	21.3	0	32.8	1783	19
Hubner	H1330S ↗	STX	113	243.7	19.8	2	33.3	1779	21
Revere	1398 VT2PRIB ↗	VT2P	113	243.4	20.6	0	34.2	1772	25
Pioneer	P1136AM GC ↗	AM	111	243.4	19.5	3	33.0	1779	22
Pioneer	PO924Q GC ↗	QR	109	242.7	19.1	4	33.5	1776	23
Chemgro	6929RSX ↗	STX	109	242.3	18.0	3	31.1	1780	20
Chemgro	6815RDP ↗	VT2P	108	241.7	18.7	0	32.8	1771	26
Hefty	H6064 ↗	STX	110	241.4	19.4	1	32.2	1764	27
Seed Consultants	SC1122Q ↗	QR	112	241.4	20.0	0	31.3	1761	29
Augusta	A1359 VT2P ↗	VT2P	108	241.1	19.7	1	31.5	1761	30
DeKalb	DKC59-82RIB GC ↗	VT2P	109	240.1	18.3	3	33.2	1762	28
				Averages =	235.5	20.0	2	32.0	1718
				LSD (0.10) =	26.4	3.0	2		
				LSD (0.25) =	13.9	1.6	1		
				C.V. =	10.6				

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Historic yield: 216.68 bu/a, 19 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$7.42

Report Date: 11/15/2022

† 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

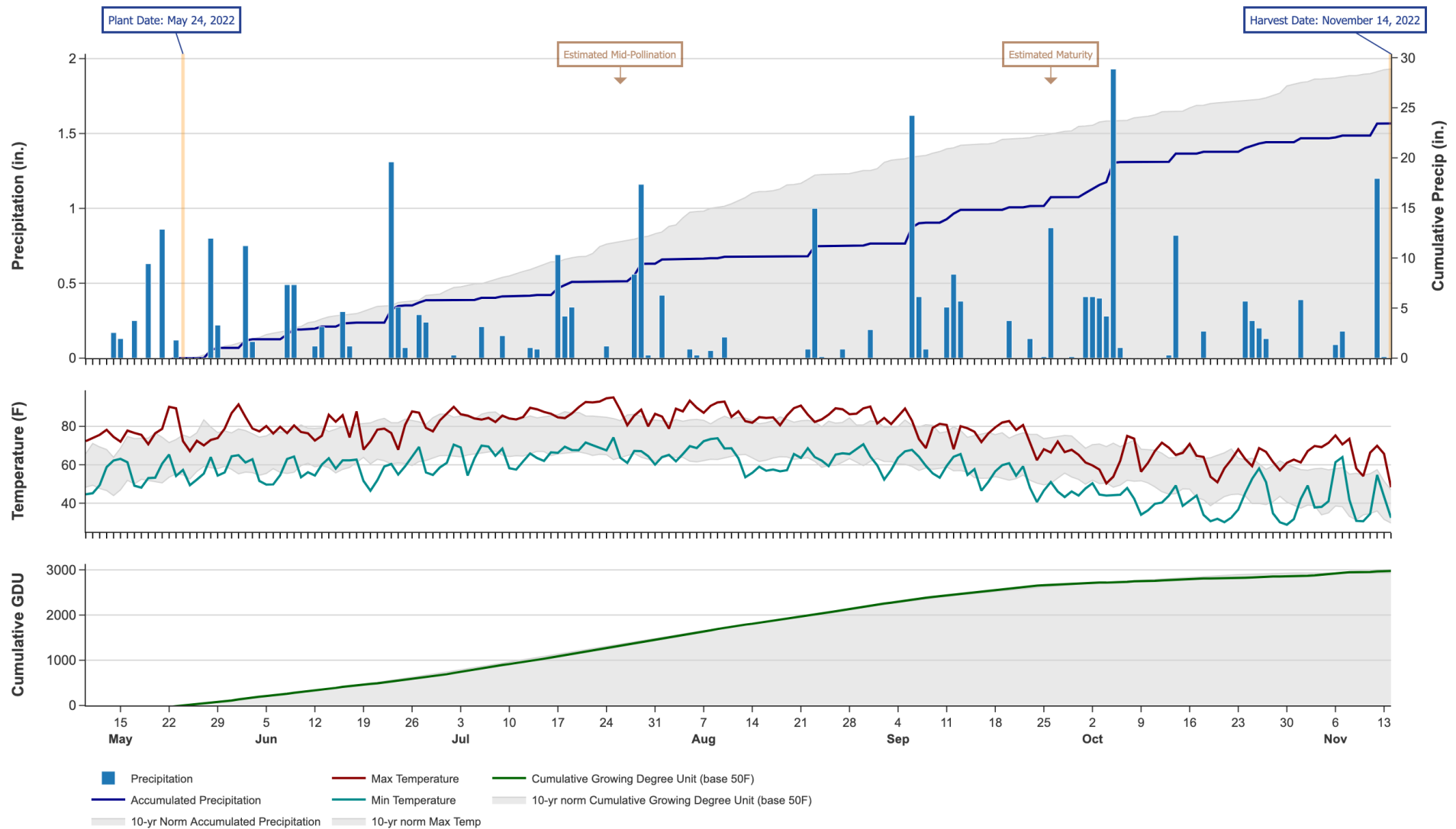
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Weather Conditions Summary at KUTZTOWN, PA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	3.2 3.3 (-0.1)	4.8 5.1 (-0.3)	3.6 6.0 (-2.4)	2.0 6.3 (-4.3)	4.6 4.4 (+0.2)	5.5 4.2 (+1.2)	1.9 1.5 (+0.4)	25.6 30.8 (-5.2)
GDU Normal (Diff)	352 296 (+55)	558 589 (-31)	784 777 (+6)	764 705 (+58)	487 492 (-5)	151 238 (-87)	120 0 (+120)	3216 3098 (+117)



* 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.

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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.