

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

2022 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] NORTHUMBERLAND, PA
Scott Shoop, Northumberland County, PA 17847

All-Season Test	102 - 112 Day CRM B2022PACE06
Top 30 of 47	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Envide, Glyphosate
SOIL DESCRIPTION:	Linden silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.1 pH, 2.9% OM, 11.6 CEC
PEST MANAGEMENT:	Accuron, 2,4-D, Glyphosate
FERTILITY - Applied N:	60 Spring, 90 Planter, 60 Sidedress
Applied N-P-K (units):	210-35-15
SEEDED - RATE - ROW:	May 30 34.5 /A 30" spacing
HARVESTED - STAND:	Dec 5 31.8 /A

TEST COMMENTS:

The wet spring delayed planting but with good moisture and high soil temperatures, the plot started well. The summer can be characterized as hot and dry, with only occasional days of good rain. Scott was surprised with the yields with the little amount of rainfall for most of the summer. At harvest, corn was standing nicely with mainly tops going out. Gray leaf spot, tar spot, and anthracnose were present. Some ear mold did occur after heavy fall rainfall. The overall rating of the plot is a 9 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	PO732Q GC ↗	QR	107	254.2	20.5	6	32.7	1785	1
Seed Consultants	SC1112AM ↗	AM	111	249.4	25.2	3	31.9	1722	4
Hefty	H6244 ↗	STX	112	247.7	24.3	4	32.4	1716	5
Seedway	SW 6540VT ↗	VT2P	109	247.1	20.6	16	32.4	1735	3
Chemgro	6535RDD ↗	VT2PDG	105	245.6	18.0	4	31.9	1740	2
Augusta	A1962 DGVT2P ↗	VT2P	112	244.6	26.3	4	32.0	1682	8
Seed Consultants	SC1071AM ↗	AM	107	244.3	22.3	3	32.1	1705	6
Revere	0918 SSXRIB ↗	STX	109	242.4	21.4	5	32.4	1697	7
Hefty	H6064 ↗	STX	110	239.9	22.8	3	31.8	1671	10
Mid-Atlantic	MA8110 ↗	TRE	111	239.9	23.6	4	31.6	1666	12
Augusta	A4463 VT2P ↗	VT2P	113	239.6	22.2	6	31.3	1672	9
NK Brand	NK1082-DV ↗	DV	110	239.0	24.2	3	32.4	1656	13
DeKalb	DKC58-64RIB GC ↗	STX	108	238.5	21.1	4	31.7	1671	11
Chemgro	6725RDP ↗	VT2P	107	234.1	24.2	4	32.1	1622	20
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	234.0	21.9	3	32.6	1635	16
DeKalb	DKC59-82RIB GC ↗	VT2P	109	233.6	18.4	4	31.6	1653	14
Dyna-Gro	D50VC09RIB ↗	VT2P	110	233.6	23.0	4	30.7	1626	19
Seedway	SW 1021VT ↗	VT2P	110	233.5	23.5	4	31.6	1622	21
Hefty	H5764 ↗	STXP	107	233.2	20.9	4	31.9	1635	17
Seedway	SW 0606VT ↗	VT2P	106	232.5	17.4	7	32.0	1651	15
Augusta	A1961 TRE ↗	TRE	111	232.3	20.9	4	31.0	1629	18
Augusta	A1560 VT2P ↗	VT2P	110	230.8	20.4	7	31.6	1622	22
Chemgro	6815RDP ↗	VT2P	108	230.1	20.6	11	31.9	1615	25
Hefty	H5944 ↗	STX	109	230.0	19.4	3	32.3	1622	23
Mid-Atlantic	MA8128 ↗	VT2P	112	229.9	21.9	4	32.3	1606	28
Augusta	A1359 VT2P ↗	VT2P	108	229.2	23.6	6	31.9	1592	30
Revere	0518 VT2PRIB ↗	VT2P	105	228.4	18.6	7	31.6	1615	26
Revere	0297 VT2PRIB ↗	VT2P	102	228.2	17.9	3	31.5	1617	24
Hubner	H6390RCSS ↗	STX	108	228.1	19.6	4	32.3	1607	27
Hubner	H0470S ↗	STX	104	227.6	20.0	4	32.5	1601	29

Robin Kauffman

Rob Kauffman

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

Averages = **229.2** **21.7** **5** **31.8** **1603**

LSD (0.10) = 12.7 1.0 ns

LSD (0.25) = 6.6 0.5 ns

C.V. = 5.2

Historic yield: 208.01 bu/a, 17 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$7.16

Report Date: 12/06/2022

Additional reports available at www.firstseedtests.com

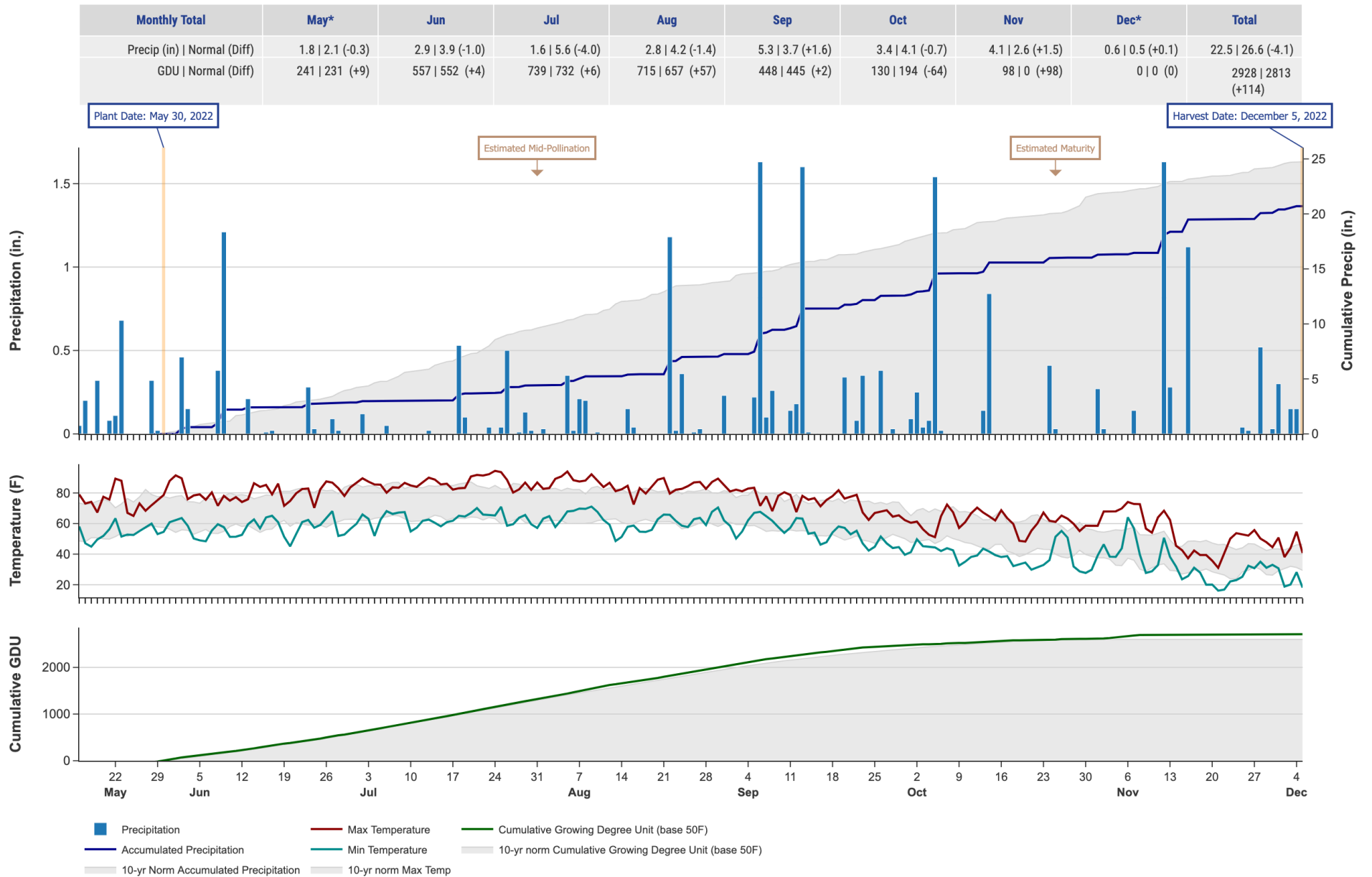
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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Weather Conditions Summary at NORTHUMBERLAND, PA

Weather Data Retrieved: 12/06/2022



* 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 (47 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
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	A1962 DGV2P	VT2P	N	112	CM,C2
Augusta	A4463 VT2P	VT2P	N	113	CM,C2,Vi
Chemgro	6535RDD	VT2PDG	Y	105	AC,P5
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
DeKalb	DKC58-64RIB GC	STX	Y	108	AC,P5
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5
Dyna-Gro	D45TC55	TRE	Y*	105	AC,P5V
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Hefty	H5254	STX	N	102	HC
Hefty	H5764	STXP	N	107	HC
Hefty	H5944	STX	N	109	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6064	STX	N	110	HC
Hefty	H6134	STX	N	111	HC
Hefty	H6244	STX	N	112	HC
Hubner	H0470S	STX	Y	104	AC,P5V,B360
Hubner	H6287RCSS	STX	Y	104	AC,P5V,B360
Hubner	H6358RCSS	STX	Y	103	AC,P5,B360
Hubner	H6390RCSS	STX	Y	108	AC,P5V,B360
Mid-Atlantic	MA8108	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110	TRE	N	111	CM,C5
Mid-Atlantic	MA8128	VT2P	Y	112	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
Pioneer	P0732Q GC	QR	Y	107	Lum, L1
Pioneer	PO924Q GC	QR	Y	109	Lum
Revere	0297 VT2PRIB	VT2P	Y	102	RA
Revere	0518 VT2PRIB	VT2P	Y	105	RA
Revere	0707 DGV2PRIB	VT2PDG	Y	107	RA
Revere	0918 SSXRIB	STX	Y	109	RA
Revere	1125 SSX	STX	Y	111	RA
Seed Consultants	SC1053AM	AM	Y	105	Lum
Seed Consultants	SC1071AM	AM	Y	107	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seedway	SW 0606VT	VT2P	Y	106	AC,P5
Seedway	SW 1021VT	VT2P	Y	110	AC,P5
Seedway	SW 6540VT	VT2P	Y	109	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

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®
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,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)

* Seed treatments may include unspecified plant health promoting components.