

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

2022 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] RINGTOWN, PA

Scott Careyva, Schukill County, PA 17967

All-Season Test	102 - 112 Day CRM B2022PACE02
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate
SOIL DESCRIPTION:	Leck Kill Channery silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.1 pH, 4.1% OM, 10.6 CEC
PEST MANAGEMENT:	Callisto, Atrazine, Glyphosate, Ethos, Xyway
FERTILITY - Applied N:	145 Spring, 60 Planter
Applied N-P-K (units):	205-75-125
SEEDED - RATE - ROW:	May 16 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 21 31.0 /A

TEST COMMENTS:

Planting conditions were excellent: no-till in soybean stubble with good moisture and temperature. Corn emerged uniform and got off to a fast start. Rainfall for the summer was spotty but this plot seemed to get the rain when it needed it the most. Hurricane Ian dumped 3 inches of rain and some hybrids with upright ears saw ear mold develop causing above average grain moisture when harvested. Corn was standing nice with only minor gray leaf spot, anthracnose and late season tar spot. Overall rating of the plot is an 9 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D50VC09RIB ↗	VT2P	110	271.2	22.4	1	31.8	1951	1
Mid-Atlantic	MA8110 ↗	TRE	111	269.6	23.2	1	30.6	1935	3
Pioneer	PO732Q GC ↗	QR	107	267.7	19.8	1	31.4	1943	2
DeKalb	DKC58-64RIB GC ↗	STX	108	262.0	22.0	1	31.1	1887	4
Chemgro	7035RDP ↗	VT2P	110	261.1	21.8	0	30.8	1883	5
Chemgro	6535RDD ↗	VT2PDG	105	259.5	20.7	1	31.1	1878	6
Seedway	SW 1021VT ↗	VT2P	110	256.8	22.4	1	31.5	1848	7
Seed Consultants	SC1112AM ↗	AM	111	256.7	23.0	2	31.1	1843	8
Mid-Atlantic	MA8108 ↗	VT2P	110	255.0	21.9	0	30.9	1838	9
NK Brand	NK1188-D ↗	D	111	253.3	23.3	0	30.7	1817	12
Augusta	A1560 VT2P ↗	VT2P	110	253.2	21.5	0	31.7	1827	10
Revere	0518 VT2PRIB ↗	VT2P	105	252.2	20.8	4	30.5	1825	11
Seed Consultants	SC1071AM ↗	AM	107	251.6	22.2	2	31.2	1811	14
NK Brand	NK1082-DV ↗	DV	110	251.0	23.6	1	29.8	1798	16
Pioneer	PO924Q GC ↗	QR	109	250.9	20.9	1	30.3	1815	13
Augusta	A1961 TRE ↗	TRE	111	250.5	22.8	1	30.9	1800	15
Dyna-Gro	D45TC55 ↗	TRE	105	249.4	22.7	1	30.8	1793	19
Hefty	H6064 ↗	STX	110	248.8	21.9	1	30.7	1793	20
Seed Consultants	SC1053AM ↗	AM	105	248.3	21.7	1	31.6	1791	21
DeKalb	DKC59-82RIB GC ↗	VT2P	109	246.7	19.4	2	31.4	1794	18
Hubner	H6358RCSS ↗	STX	103	246.5	19.0	1	31.6	1795	17
Revere	0297 VT2PRIB ↗	VT2P	102	245.1	19.6	2	32.0	1781	22
Augusta	A1359 VT2P ↗	VT2P	108	242.0	24.5	2	31.3	1728	26
Mid-Atlantic	MA8128 ↗	VT2P	112	241.5	22.1	1	30.6	1739	23
Hefty	H5764 ↗	STXP	107	241.3	22.1	1	32.9	1738	24
Hefty	H5952 ↗	VT2P	109	241.2	24.1	1	30.2	1725	27
Hefty	H6244 ↗	STX	112	240.6	23.9	1	30.6	1722	29
Revere	0918 SSXRIB ↗	STX	109	239.3	21.9	1	30.6	1725	28
Seedway	SW 6540VT ↗	VT2P	109	238.5	22.4	1	32.1	1716	30
Chemgro	6929RSX ↗	STX	109	238.1	19.7	1	31.4	1729	25

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Averages = **242.3** **22.1** **1** **31.0** **1709**

LSD (0.10) = 14.4 0.7 2

LSD (0.25) = 7.6 0.4 1

C.V. = 5.6 Historic yield: 234.3 bu/a, 13 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$7.38

Report Date: 11/25/2022

Additional reports available at www.firstseedtests.com

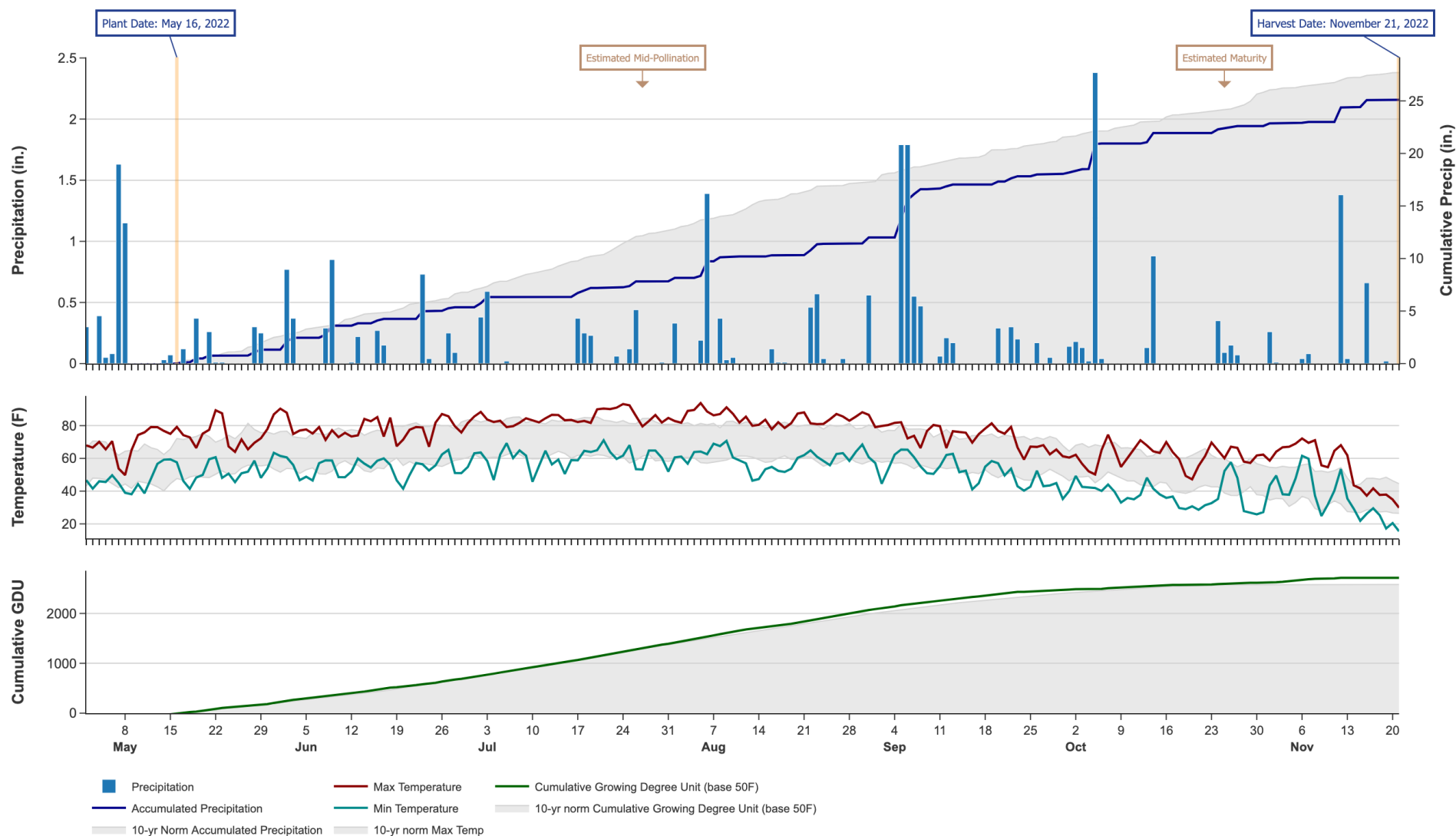
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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Weather Conditions Summary at RINGTOWN, PA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	5.0 4.8 (+0.2)	4.0 4.3 (-0.2)	2.5 5.9 (-3.4)	4.2 4.5 (-0.4)	6.0 4.3 (+1.7)	4.6 4.3 (+0.3)	2.5 1.9 (+0.6)	28.8 30.0 (-1.2)
GDU Normal (Diff)	370 324 (+45)	500 494 (+5)	686 682 (+3)	677 612 (+64)	405 414 (-9)	141 174 (-33)	98 0 (+98)	2877 2703 (+173)



* 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 (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1359 VT2P	VT2P	N	108	CM,C2
Augusta	A1459	CONV	N	109	AC,P5V
Augusta	A1560 VT2P	VT2P	N	110	AC,P5V
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A1962 DGVT2P	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	PO732Q 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 DGVT2PRIB	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

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Seed Consultants	SC1071AM	AM	Y	107	Lum, L1
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.