

2024 Kentucky Hybrid Corn Performance Test

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The objective of the Kentucky Hybrid Corn Performance Test is to provide relative performance estimates of hybrid seed corn sold in Kentucky. The test attempts to treat every hybrid similarly in an unbiased manner. Agronomic practices that meet or exceed university guidelines are implemented at each location.

Presentation of Data

Complete 2024 data is presented for the tests across all locations and tests at each location. Two- and three-year averages for yield are included in each of the single location tables. Tables that include data over multiple years and/or from multiple locations provide a better indication of hybrid performance. If individual location data is used, it should be used in combination with a multiple location average. The multiple location tables present better estimates of hybrid yield ability than data gathered at a single location in one year.

Comparisons between yields and other characteristics of any two or more hybrids should be made only with data from one table at a time. Hybrids are grouped into Early, Medium, Late, and Conventional tests based on relative maturity or trait characteristics. Hybrids that are likely to yield as high as the highest yielding hybrid, based on statistical evaluation, are shaded gray. See “Experimental Design and Mean Comparisons” section for more detail.

Testing Procedure

Selection of Hybrids

The hybrids submitted for testing are those most likely to be available for sale in 2025. Representatives from seed companies select and nominate their own hybrids. They provide the seed listed in Table 1 and identify the maturity and/or seed coat color.

Location of Tests

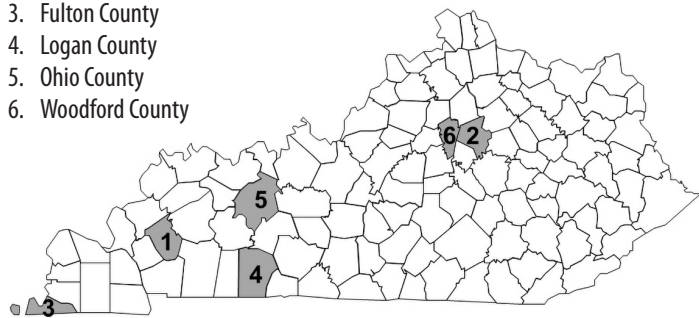
The map on Page 1 shows the test locations. The test sites were selected to represent different agro-climatic areas of Kentucky where corn is a major commodity. There were seven total tests from seven locations across the state. Included in these seven tests were two irrigated tests in Henderson and Fulton counties. They were under center pivot irrigation.

Seasonal Notes

Planting was delayed in the spring due to rainy weather, which led to not being able to plant the Daviess County location. Because of the dry weather late in the season around the Lexington area this year, it led to higher CVs, so it is hard to compare hybrids. This

Figure 1. 2024 Kentucky Hybrid Corn Performance Test Locations.

1. Caldwell County
2. Fayette County
3. Fulton County
4. Logan County
5. Ohio County
6. Woodford County



also led to the exclusion of the medium and conventional tests in Fayette County. Please look to the multiple-year data for better comparisons when choosing hybrids using this location.

There are no disease ratings this year due to low levels in both Lexington and Princeton. Continued appreciation is given to Dr. Kiersten Wise and team of the UK Plant Pathology department for their continued dedication to the accuracy of these disease ratings.

Cultural Practices

Corn seed was planted no-till into soybean stubble at three locations and into tilled fields at the other four. Fertilizer was applied in accordance with each individual farmer’s practices.

All test areas were treated with herbicides supplemented by post-emergence herbicide when necessary. Fungicides were used on farmers’ fields and not on university fields.

Experimental Design and Mean Comparisons

Each hybrid was grown in three replications at each location to sample uncontrollable variability within the field. Yields presented in the tables are averages of three replications at the test site; two-year and three-year means are averages of six and nine replications, respectively. A randomized complete block design (RCBD) was used for each maturity group test at each location.

These tests are designed to predict relative yield ability. In these tests, we are most interested in how Hybrid A yields relative to Hybrid B. Slight differences in yield ability can occur as a result of variability in the field. The least significant difference (LSD) is used to account for that variability and to help determine significant differences between hybrid performances.

Consider the following example:

Hybrid	Yield
A	165
B	155
C	140
LSD (0.10)	12

The yield difference between Hybrid A and Hybrid B is 10 bu/acre ($165 - 155 = 10$). The difference is less than the LSD (12 bu/acre). Based on the LSD, the yield difference between hybrids A and B is not significant, meaning that we would expect hybrids A and B to have the same yield capability the next season. However, the yield difference between hybrids A and C is 25 bu/acre ($165 - 140 = 25$), which is greater than the LSD (12 bu/acre). The LSD indicates that we would expect hybrid A to have greater yield capability than hybrid C next year.

The LSD occurs at the bottom of each table. Yield differences that are less than the LSD are not significantly different from each other. Tables are sorted from greatest to least yield. Cells that have been shaded gray are not significantly different from the highest yield mean in that column. The analysis indicates that all hybrids with yields shaded gray, would be expected to have similar yield potential next season.

The coefficient of variation (CV) is a calculated value that helps indicate unexplained variation in these studies. A smaller CV indicates less unexplained variation and more precise results.

Planting

All plots were planted with a Wintersteiger Dynamic Disk vacuum, four-row, no-till planter, which is specialized for small plot work. Each hybrid seed was planted into plots consisting of four rows 30 inches apart and 20 feet long. Hybrid seed was planted at a rate of 32,000 in the non-irrigated locations and at 36,000 at the irrigated locations.

Harvesting

All plots were harvested with a Haldrup C-85 two-row corn combine. The central two rows of each four-row plot were harvested. The grain weight, moisture content, and test weight of grain from each plot was measured with an electronic scale and moisture meter mounted on the combine. Yields were calculated for grain at 56 pounds per bushel and adjusted to 15.5 percent moisture. The test weight reported in each annual table for any hybrid is not corrected for harvest moisture and is reported at the moisture content for that hybrid listed in that table. Dropped ears were not gleaned from the plots. The total number of lodged plants was recorded at harvest.

The Kentucky Hybrid Corn Performance Test is divided into four tests: Early, Medium, Late maturities, Conventional (non-GMO) hybrids. These divisions provide evaluations of the hybrid groups without competition biases. The divisions do not allow for comparisons across groups. For example, a hybrid in the Early test cannot be compared to a hybrid in the Late. All tests were grown at all six locations for a total of 24 tests.

The Early maturity hybrid group in Table 2E and all subsequent “E” tables, includes those hybrids rated by the parent seed company to mature in 111 days or earlier.

The Medium maturity hybrid group in Table 2M and all subsequent “M” tables includes those hybrids rated by the parent seed company to mature in 112-115 days.

The Late maturity hybrid group in Table 2L and all subsequent “L” tables include those hybrids rated by the parent seed company to mature in 116 days or later.

The Conventional hybrid group in Table 2C and all subsequent “C” tables includes those hybrids that are non-GMO hybrids. The maturity for each hybrid is rated by the parent seed company.

Grain moisture of hybrids in the Early, Medium, and Late tests should be within the LSD for that test. Hybrids with grain moisture above the LSD likely belong in a later-maturing test. Each hybrid is placed in the Early, Medium, and Late tests based on the hybrid maturity defined by the company.

Acknowledgments

The authors sincerely appreciate efforts of the Kentucky Corn Growers Association in providing a Haldrup C-85 Corn plot combine through a very reasonable lease agreement.

The authors are grateful to the following farmer-cooperators who not only provided land for testing but helped with the tests throughout the growing season:

- Jarrod Brown and family of Hartford, KY
- Nathan Campbell and family of Fulton, KY
- Jason Strode and family of Owensboro, KY
- Sam Halcomb and family of Adairville, KY

The authors give special thanks to the entire crew of the College of Ag Farm Shop for keeping us going year-round.

Additional acknowledgments are made to the following people who helped conduct this year’s performance test.

- Dr. Kiersten Wise, Extension plant pathologist, Research and Education Center, Princeton, KY
- Scotty Peek, farm manager, Research and Education Center, Princeton, KY
- Matt Peake, farm manager, North Farm, Lexington, KY
- Ben Rudy, Extension agent, Fulton County, KY
- Clint Hardy, Extension agent, Daviess County, KY
- Greg Comer, Extension agent, Ohio County, KY

Source of Seeds

The seeds planted in the 2024 Hybrid Corn Performance Test were acquired from the sources listed in Table 1.

Table 1. Hybrids Tested, 2024.

Company	Hybrid	Trait*	Test	Color	CRM
Alliance Genetics Philip Logsdon 1202 Doug Hill Rd Island, KY 42350 philip.logsdon@hotmail.com 270-792-7248	Alliance Genetics 2112	None CONV.	C	Yellow	112
	Alliance Genetics 2413	None CONV.	C	Yellow	113
Beck's Hybrids Mark Schmitt 6767 E. 276th St Atlanta, IN 46031 mschmitt@beckshybrids.com 270-577-8411	Becks 6574TCV2P	TCV2P	M	Yellow	115
	Becks 6585TCV2P	TCV2P	M	Yellow	115
	Becks 6973TCV2P	TCV2P	L	Yellow	119
	Channel 209-70TRERIB	TRERIB	E	Yellow	109
Luke Watson 800 N Lindbergh Blvd Creve Coeur, MO 63141 luke.watson@bayer.com 270-454-0029	Channel 210-46VT2PRIB	VT2PRIB	E	Yellow	110
	Channel 214-78DGV2PRIB	DGV2PRIB	M	Yellow	114
	Channel 215-42TRERIB	TRERIB	M	Yellow	115
	Channel 215-70TRERIB	TRERIB	M	Yellow	115
	Channel 217-70TRERIB	TRERIB	L	Yellow	117
Croplan Winfield United Ricky Waldron 2532 Alexander Dr Jonesboro, AR 72401 rpwaldron@landolakes.com 270-881-0328	Channel 218-66VT2PRIB	VT2PRIB	L	Yellow	118
	Croplan 4930	DGV2P	E	Yellow	109
	Croplan 5208	VT2P	M	Yellow	112
	Croplan 5497	VT2P	M	Yellow	114
BAYER - DEKALB Todd Ladd 17 Buds Way Cadiz, KY 42211 todd.ladd@bayer.com 270-498-4297	Croplan 5893	TRE	L	Yellow	118
	DEKALB DKC56-26RIB	TRERIB	E	Yellow	106
	DEKALB DKC111-35RIB	VT2PRIB	E	Yellow	111
	DEKALB DKC112-12RIB	TRERIB	M	Yellow	112
	DEKALB DKC114-99RIB	VT2PRIB	M	Yellow	114
	DEKALB DKC117-78RIB	VT2PRIB	M	Yellow	117
	DEKALB DKC64-22RIB	VT2PRIB	M	Yellow	114
	DEKALB DKC65-95RIB	VT2PRIB	M	Yellow	115
	DEKALB DKC66-06RIB	TRERIB	L	Yellow	116
Dyna-Gro Seed Matt Garber 8570 Jordan Rd Lewisburg, OH 45338 matthew.garber@nutrien.com 937-459-2529	DEKALB DKC68-35RIB	VT2PRIB	L	Yellow	118
	DEKALB DKC70-45RIB	VT2PRIB	L	Yellow	120
	Dyna-Gro D51VC95RIB	VT2P	E	Yellow	111
	Dyna-Gro D53VC54RIB	Trecepta	M	Yellow	113
	Dyna-Gro D56TC44RIB	VT2P	L	Yellow	116
	Dyna-Gro D58VC74RIB	VT2P	L	Yellow	118
	FS InVISION 6245V RIB	VT2P RIB	M	Yellow	112
	FS InVISION 6248V RIB	VT2P RIB	M	Yellow	112
Growmark Eric West FS InVISION 1701 Towanda Ave Bloomington, IL 61702-2500 ewest@growmark.com 309-557-6234	FS InVISION 6349PC RA	PCE	M	Yellow	113
	FS InVISION 6324C	None CONV.	C	Yellow	113
	FS InVISION 6447T RIB	TRE RIB	M	Yellow	114
	FS InVISION 6627T RIB	TRE RIB	L	Yellow	116
	FS InVISION 6545V RIB	VT2P RIB	M	Yellow	115
	FS InVISION 6747T RIB	TRE RIB	L	Yellow	117
	FS InVISION 6040C	None CONV.	C	Yellow	110
	FS InVISION 6947T RIB	TRE RIB	M	Yellow	119
	FS InVISION FS 6595V RIB	VT2P RIB	M	Yellow	115
	Innvictis A1072VT2PRIB	VT2PRIB	M	Yellow	110
	Max Crittenden 1099 W. Front St Boise, ID max.crittenden@innvictis.com 254-652-0032	Innvictis A1292VT2PRIB	VT2PRIB	M	Yellow
Innvictis A1312VT2PRIB		VT2PRIB	M	Yellow	113
Innvictis A1551VT2P		VT2PRIB	M	Yellow	115
Innvictis A1542T		Trecepta	M	Yellow	115
Innvictis A1689T		Trecepta	L	Yellow	116
Innvictis A1792T		Trecepta	L	Yellow	117
Innvictis A1993T		Trecepta	L	Yellow	119

***Trait:**

3110, 3111, 3122, 3220	Syngenta 3000 GT (Triple)
5222	Syngenta 3000 GT (Triple) with Viptera
AM	AcreMax = YieldGard corn borer resistance, Herculex corn rootworm resistance, Liberty Link glufosinate tolerance, glyphosate tolerance, 5% refuge in a bag
ASR	Anthraxose stalk rot resistance
BT	Corn borer resistance
BTCB	Corn borer resistance
BTRW	Corn rootworm resistance
CB	Corn borer resistance
Conv	Conventional, no GMO traits
DG	DroughtGard
Duracade	Aboveground pest resistance plus rootworm resistance
Enlist	2,4-D resistance
GENVT3P	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance, corn rootworm resistance
GT3000	AgriSure glyphosate tolerance, AgriSure corn borer resistance and AgriSure corn rootworm resistance
GT	AgriSure glyphosate tolerance
HX&HX1	Herculex corn rootworm resistance
HXT	Herculex glufosinate tolerance, corn borer resistance, corn rootworm resistance, cutworm tolerance
Lep (Lepidoptera)	Corn borer and corn earworm resistance
LL	Liberty Link glufosinate tolerance
Intrasect	YGCB, HX1, LL, RR2
Power Core, PCRA, PWRA, PC	VT2PRO + HX1 + above ground traits
RHS	Glyphosate tolerance
RHXT	Liberty Link glufosinate tolerance, Roundup Ready glyphosate tolerance, Herculex corn borer resistance, Herculex corn rootworm resistance, Herculex cutworm tolerance
RIB	Refuge in a bag
RR	Roundup Ready corn glyphosate tolerance
RR2	Roundup Ready corn 2 glyphosate tolerance
Smart Stax (SS, STX, or SSX)	Roundup Ready glyphosate tolerance, Liberty Link glufosinate tolerance, YieldGard corn borer resistance, Herculex corn rootworm resistance, Herculex corn borer resistance, YieldGard corn rootworm resistance, Herculex cutworm tolerance
TRECEPTA/TC	Resistance to aboveground insects
TS	Roundup Ready glyphosate tolerance, YieldGard corn borer resistance, YieldGard corn rootworm resistance
YG	YieldGard corn borer resistance
YGBT	YieldGard corn borer resistance
YGCB	YieldGard corn borer resistance
YGRW	YieldGard corn rootworm resistance
YHR	YieldGard corn borer resistance, Herculex corn rootworm resistance, Liberty Link glufosinate tolerance, glyphosate tolerance
VIP	Agrisure Viptera
VT3	Roundup Ready glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard corn rootworm resistance
VT3P	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRO	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRORIBC	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance, refuge in a bag
VT2PRO, PRO2	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance
VT2PRORIBC	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance, refuge in a bag
RA	Refuge Advanced
RW	Corn rootworm resistance

****Test: E = Early, M = Medium, L = Late, W = White**

™ = Trademark

*****CRM: Cumulative Relative Maturity**

Table 1. (continued).

Company	Hybrid	Trait*	Test	Color	CRM
CNI	INTEGRA 6915 TRE	Trecepta	L	Yellow	119
Nick Chammoun 800 Business Park Dr Leesburg, GA 31763 nchammoun@cniag.com 229-854-0524	INTEGRA CX411112 PCE INTEGRA 6493 VT2P INTEGRA 6624 TRE	PowerCore VT2 Trecepta	M M L	Yellow Yellow Yellow	112 114 116
NuTech Seed	NuTech 69C7PCE	PWRA/PCR	E	Yellow	106
Keith Niemeier 201 Knollwood Dr Champaign, IL 61820 keith.niemeier@nutechseed.com 618-541-0605	NuTech 72C1PCE NuTech 70B4AM NuTech 72D4AM NuTech 73A4AM NuTech 73A6AML NuTech 74A5PCE NuTech 75C1PCE NuTech 68C1V NuTech 70F6V	PWRA/PCR AM AM AM AML PWRA/PCR PWRA/PCR VORCEED VORCEED	E E M M M M M M L	Yellow Yellow Yellow Yellow Yellow Yellow Yellow Yellow Yellow	108 110 112 113 114 114 115 117
Partners Brand Seed Brad Smith 4610 E. State Road 120 Howe, IN 46746 bradsmith@partnersbrandseed.com 260-350-5503	Partners Brand PB 8105 Partners Brand PB 8702 Partners Brand PB 8494 Partners Brand PB 7779 Partners Brand PB 8702C Partners Brand PB 8436C	VT2PRIBC VT2PRIBC VT2PRIBC PCE None CONV. None CONV.	E L M E C C	Yellow Yellow Yellow Yellow Yellow Yellow	111 117 113 107 117 114
PC Seed Co Jim Porter PO Box 718 Wilmington, OH 45177 seporter43@hotmail.com 937-218-8836	PC Seed Co 5510 PC Seed Co 6313 PC Seed Co 2212 PC Seed Co 6610		C C C C	Yellow Yellow Yellow Yellow	110 113 112 110
Pioneer Ellen Adler 6611 New Harmony Rd Evansville, IN 47720 ellen.adler@corteva.com 812-453-9796	Pioneer P14830AML Pioneer P1170AM Pioneer P17677AM Pioneer P1289AM Pioneer P1608AM Pioneer P1718AML	YGCB, HX1 YGCB, HX1 YGCB, HX1 YGCB, HX1 YGCB, HX1 YGCB, HX1, Vip32	M M L M L L	Yellow Yellow Yellow Yellow Yellow Yellow	114 111 117 112 116 117
Revere Seed Company Doug Messersmith 802 Rozelle St Memphis, TN 38104 doug.messersmith@revereseed.com 570-419-3692	Revere 1627 TC Revere 0918 VT2P Revere 1289 C Revere 113-T42 Revere 114-P35 Revere 1839 TC	Trecepta VT2P None Conv. Trecepta VT2P Trecepta	L E C M M L	Yellow Yellow Yellow Yellow Yellow Yellow	116 111 112 113 114 118
Kentland Seeds/Spectrum Ag Holdings 133 N 4th St Lafayette, IN 47901 amanda@kentlandseeds.com	Spectrum Non-GMO 6193 Spectrum Non-GMO 6793	None/Conv None/Conv	C C	Yellow Yellow	112 117

***Trait:**

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YGCB	YieldGard corn borer resistance
YGRW	YieldGard corn rootworm resistance
YHR	YieldGard corn borer resistance, Herculex corn rootworm resistance, Liberty Link glufosinate tolerance, glyphosate tolerance
VIP	Agrisure Viptera
VT3	Roundup Ready glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard corn rootworm resistance
VT3P	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRO	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance
VT3PRORIBC	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance and YieldGard VT corn rootworm resistance, refuge in a bag
VT2PRO, PRO2	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance
VT2PRORIBC	Roundup Ready 2 glyphosate tolerance, YieldGard VT corn borer resistance, refuge in a bag
RA	Refuge Advanced
RW	Corn rootworm resistance

****Test: E = Early, M = Medium, L = Late, W = White**

™ = Trademark

*****CRM: Cumulative Relative Maturity**

Table 2. 2024 Agronomics.

	Locations					
	Caldwell	Fayette	Fulton	Logan	Ohio	Woodford
Planting Date	4/22/2024	4/25/2024	4/22/2024	4/23/2024	4/29/2024	4/25/2024
Harvest Date	9/11/2024	9/19/2024	9/20/2024	9/11/2024	10/9/2024	9/16/2024
Rainfall (in.)	27	22.9	33.7	33.3	37.8	24.7
Irrigation (in.)	--	--	3.45	--	--	--
Fertilizer (N/P/K)	182/0/70	182/0/70	300/38/100	197/68/108	320/100/100	182/0/70
Soil Type	Crider	Lanton	Loring	Pembroke	Stendal	Maury

Table 3E. Early State Summary 2024.

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	County Yields (BU/AC)					
	2024	2023-24	2022-24			Caldwell	Fayette	Fulton	Ohio	Logan	Woodford
NUTECH 70F6V	209.5			16.9	58.3	228.0	106.9	269.7	280.0	219.9	152.4
DEKALB DKC111-35RIB	201.3	206.5	201.0	18.4	60.6	198.3	104.2	266.6	279.8	216.6	142.1
Croplan 4930	200.6	206.2	195.1	17.1	58.2	170.6	98.6	277.7	276.7	236.0	143.9
NUTECH 69C7PCE	197.3			18.2	60.6	223.8	64.4	284.0	275.7	225.5	110.5
Channel 210-46VT2PRIB	196.8	198.6	193.1	17.6	60.1	191.1	78.8	277.1	256.7	231.1	146.1
NuTech 70B4AM	196.5	206.4	197.4	17.8	59.9	205.7	82.0	255.5	265.1	220.4	150.6
Channel 209-70TRERIB	196.4			17.3	56.8	164.4	97.9	271.8	280.8	227.0	136.5
NUTECH 68C1V	195.1			17.1	60.1	212.7	87.1	252.8	262.0	219.5	136.7
Revere 0918 VT2P	195.0	204.7	196.0	17.2	55.4	182.0	104.6	274.1	268.6	229.9	110.6
Dyna-Gro D51VC95RIB	194.3			17.2	57.9	176.0	100.3	274.9	269.9	220.7	123.8
DEKALB DKC56-26RIB	193.4			16.5	57.5	210.0	81.2	276.1	257.5	221.7	114.1
Partners Brand PB 8105	187.4	200.4		18.5	60.3	197.3	96.4	225.6	233.1	206.6	165.1
Partners Brand PB 7779	187.3			17.2	58.8	210.3	61.3	237.9	253.1	203.4	157.6
Innvictis A1072VT2PRIB	183.3			15.7	57.9	157.2	75.4	271.1	266.2	201.0	128.8
Average	188.8	204.0	196.7	16.5	56.2	176.2	74.3	265.6	267.8	219.5	129.3
C.V.	9.1	8.3	8.0	3.7	7.5	11.6	13.9	7.6	4.5	11.5	11.9
LSD	13.6	21.8	17.0	0.5	3.3	43.2	21.6	42.6	25.4	52.7	32.9

Shaded cells are not significantly different from top yield (0.10).

Table 3M. Medium State Summary 2024.

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	County Yields (BU/AC)				
	2024	2023-24	2022-24			Caldwell	Fulton	Ohio	Logan	Woodford
FS InVISION 6447T RIB	232.1			19.2	60.3	207.5	264.7	288.7	237.1	162.7
Innvictis A1312VT2PRIB	228.9			18.7	58.3	214.2	275.1	282.0	227.4	145.7
FS InVISION 6545V RIB	228.7			19.3	61.4	216.1	275.9	257.1	230.6	163.9
FS InVISION 6248V RIB	227.7			18.2	59.9	209.5	272.9	262.3	224.6	169.0
Croplan 5208	226.5	223.3		18.6	60.2	202.0	256.6	257.6	231.3	185.2
Innvictis A1551VT2P	226.3			17.7	58.1	213.5	266.4	266.1	224.4	161.3
Pioneer P1289AM	225.8	219.3	209.8	18.1	61.0	210.5	269.8	239.3	232.9	176.3
FS InVISION 6349PC RA	225.6			17.2	57.7	210.0	275.2	275.4	221.9	145.4
INTEGRA 6493 VT2P	225.2			18.5	60.8	208.8	243.4	276.3	224.2	173.2
Channel 215-70TRERIB	223.6	222.0		19.0	60.4	211.3	256.8	255.4	233.7	160.9
Revere 113-T42	223.1			16.3	59.8	208.3	273.2	265.2	237.5	131.2
Revere 114-P35	222.8			18.8	60.0	208.4	259.4	269.3	244.2	132.8
FS InVISION FS 6595V RIB	222.1	219.4	211.2	19.2	59.1	221.8	263.8	245.0	225.7	154.4
DEKALB DKC114-99RIB	221.4			19.3	60.1	211.5	271.0	243.3	221.7	159.7
NUTECH 72C1PCE	219.6			17.6	59.4	192.4	279.9	254.4	216.7	154.8
Channel 214-78DGVT2PRIB	219.5	216.3	206.9	18.2	60.1	202.5	264.9	263.2	207.2	159.8
NUTECH 75C1PCE	218.5			19.0	60.6	208.4	281.0	243.1	213.3	147.0
Pioneer P14830AML	218.3			18.3	59.3	211.5	253.1	255.5	215.6	155.8
Croplan 5497	218.1	221.7	212.9	18.4	59.6	185.2	268.3	262.3	230.6	144.3
DEKALB DKC64-22RIB	217.7	214.6	207.9	19.3	61.3	192.2	265.3	261.8	225.2	144.0
Beck's 6574 TCV2P	217.7			18.7	60.4	193.2	268.2	254.6	220.0	152.6
Innvictis A1292VT2PRIB	216.9	214.9		18.5	61.7	214.3	264.7	256.4	232.0	117.2
NuTech 72D4AM	216.7	222.2	205.4	17.2	59.9	217.7	261.8	251.5	212.7	139.6
Pioneer P1170AM	216.6			17.8	60.6	201.3	272.8	250.5	223.9	134.6
Partners Brand PB 8494	215.7	216.1		18.5	58.5	203.5	288.0	259.1	217.1	110.6
Innvictis A1542T	215.5	214.9		18.4	59.2	182.9	264.2	273.3	224.5	132.7
DEKALB DKC112-12RIB	215.5			18.4	60.5	202.6	242.8	270.0	228.1	134.0
NuTech 73A4AM	214.6	216.8		17.7	59.7	210.9	270.4	246.9	207.9	136.9
DEKALB DKC65-95RIB	214.5	219.4	210.2	19.0	60.8	214.3	257.5	236.8	219.4	144.4
FS InVISION 6245V RIB	214.2			18.5	60.6	207.2	266.4	241.4	221.2	134.9
NUTECH 74A5PCE	213.6			18.7	59.0	198.8	278.1	246.9	212.3	131.7
Becks 6585TCV2P	213.4	216.5		19.5	59.2	196.9	253.3	256.7	207.7	152.7
NUTECH 73A6AML	210.8			18.8	60.0	207.2	265.8	238.3	211.9	130.8
Channel 215-42TRERIB	209.7	210.3		19.2	59.8	194.5	249.4	222.5	233.0	149.4
Dyna-Gro D53VC54RIB	206.7	217.0		19.1	60.9	198.6	243.8	245.5	209.7	136.1
INTEGRA CX411112 PCE	204.2			17.7	58.4	214.6	249.0	235.8	220.7	100.7
Average	218.7	217.6	209.2	18.4	59.8	204.9	265.5	256.3	222.5	144.5
C.V.	7.1	7.6	7.7	7.0	2.2	8.2	6.7	5.9	5.5	13.7
LSD	13.2	22.5	18.3	1.1	1.1	32.6	34.6	29.7	23.8	38.6

Shaded cells are not significantly different from top yield (0.10).

Table 3L. Late State Summary 2024.

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	County Yields (BU/AC)					
	2024	2023-24	2022-24			Caldwell	Fayette	Fulton	Ohio	Logan	Woodford
DEKALB DKC68-35RIB	210.1	219.1	209.8	20.9	60.3	212.3	94.3	274.6	277.1	252.7	149.5
FS InVISION 6947T RIB	204.8			20.8	57.9	210.1	88.7	271.1	277.6	239.5	142.1
Revere 1839 TC	204.8	211.5		20.2	58.2	205.8	99.6	276.1	265.1	211.5	170.5
DEKALB DKC66-06RIB	203.9	215.0	203.0	20.0	59.3	211.2	97.1	260.7	273.4	222.5	158.7
INTEGRA 6624 TRE	203.8			19.6	59.8	217.3	85.8	261.0	263.4	239.1	156.3
Revere 1627 TC	203.3	210.4		19.7	59.9	197.0	101.6	266.2	254.3	239.2	161.3
INTEGRA 6915 TRE	201.8			20.2	57.8	210.1	87.8	266.1	275.8	213.5	157.5
Beck's 6973 TCV2P	201.0			20.7	58.6	205.4	94.3	287.4	267.1	220.6	131.0
Channel 218-66VT2PRIB	199.0	206.8	200.2	20.2	58.6	199.4	92.2	260.4	275.7	228.0	138.3
DEKALB DKC117-78RIB	198.8	207.5		20.4	60.4	205.5	85.3	252.7	263.1	237.6	148.6
FS InVISION 6627T RIB	198.7	206.9	198.4	19.6	59.4	211.1	91.3	265.6	265.8	226.2	132.3
Innvictis A1993T	198.2			20.3	58.4	210.3	90.4	259.9	284.6	227.7	116.3
Pioneer P1718AML	197.6	209.5	200.5	20.0	58.8	198.9	88.9	278.8	267.9	225.4	126.0
Dyna-Gro D56TC44RIB	197.3	207.1		19.8	60.0	210.3	91.1	257.9	258.3	218.3	147.9
DEKALB DKC70-45RIB	195.8	202.8	194.2	21.3	59.4	195.4	86.3	248.4	260.9	235.7	148.4
Channel 217-70TRERIB	194.9			21.1	59.2	189.0	107.3	257.5	257.6	222.4	135.5
Croplan 5893	194.2	203.3		20.6	61.1	197.3	80.7	263.3	265.0	212.0	147.2
Innvictis A1689T	191.6	199.1		19.5	60.5	203.0	81.8	233.5	266.7	211.2	153.7
Innvictis A1792T	189.9	201.0		20.5	60.8	201.0	81.4	243.2	257.4	222.5	134.0
Pioneer P1608AM	187.5	202.9		19.9	61.8	207.4	87.3	239.8	247.9	194.7	147.9
FS InVISION 6747T RIB	187.0			20.0	60.1	208.0	75.0	253.6	260.0	213.1	112.4
Dyna-Gro D58VC74	187.0			20.6	60.1	182.3	84.6	233.7	252.0	213.6	155.7
Pioneer 17677AM	185.0			19.3	60.5	212.4	76.8	242.2	243.0	205.7	130.0
Partners Brand PB8961	178.1			20.6	61.3	197.6	93.3	225.1	229.6	194.0	128.9
Average	196.2	206.7	201.0	19.7	59.7	205.9	88.0	256.8	262.6	220.7	143.4
C.V.	7.6	8.0	8.3	3.9	2.0	6.9	15.4	5.9	5.9	6.7	13.1
LSD	11.6	21.7	14.2	0.6	0.9	27.6	26.6	29.6	30.2	29.1	36.7

Shaded cells are not significantly different from top yield (0.10).

Table 3C. Conventional State Summary 2024.

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	County Yields (BU/AC)				
	2024	2023-24			Caldwell	Fulton	Ohio	Logan	Woodford
PC Seed 2212	224.2		17.1	57.5	229.2	283.1	264.1	222.5	122.1
FS InVISION 6324C	216.0	207.7	18.6	60.3	189.9	274.4	263.4	207.9	144.3
Partners Brand PB 8436	215.3		18.6	59.4	189.1	268.0	247.3	222.2	149.9
Alliance Genetics 2413	212.3		18.1	59.2	194.4	247.8	248.5	226.6	144.4
PC Seed 6313	211.2		16.8	58.5	165.8	252.4	252.8	226.9	157.9
Alliance Genetics 2112	201.9	207.6	16.8	57.4	206.6	252.4	239.5	175.4	135.6
Partners Brand PB 8702C	201.7	200.2	19.8	61.7	171.5	245.4	246.5	216.6	128.3
Spectrum 6793	201.2		18.8	60.5	181.2	242.6	230.2	199.1	152.8
Spectrum 6193	200.3		20.0	62.2	187.3	239.9	247.1	198.2	128.8
FS InVISION 6040C	195.2		17.9	61.6	187.6	225.7	235.3	198.1	129.2
Revere 1289 C	187.6	198.7	18.1	58.7	169.2	213.8	226.2	196.4	132.6
PC Seed 6610	163.7		14.0	49.5	135.9	243.6	257.1	212.4	131.9
PC Seed 5510	163.1		13.6	47.8	176.5	223.2	264.2	198.6	114.9
Average	205.0	205.2	18.5	60.1	188.1	246.5	244.8	206.2	139.3
C.V.	6.6	7.1	2.7	1.8	8.9	4.9	4.4	7.0	11.5
LSD	11.7	19.7	0.4	1.0	35.4	25.1	22.4	29.9	34.1

Shaded cells are not significantly different from top yield (0.10).