

# 2021 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 2021 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, Conventional and White 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 the “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 2022. 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

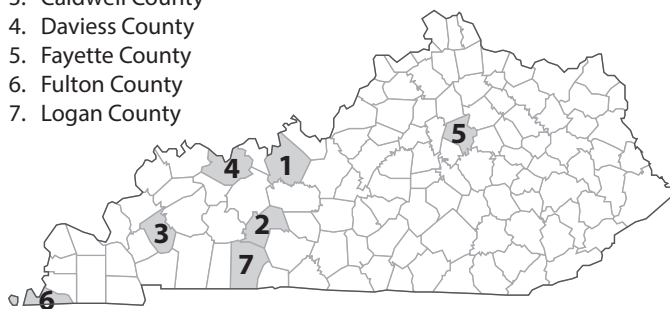
Figure 1 shows the test locations. The test sites were selected to represent different agro-climatic areas of Kentucky where corn is a major commodity. There were seven total tests from seven locations across the state. Included in these seven tests were two irrigated tests in Daviess and Fulton counties.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

### Seasonal Notes

Planting was delayed in the spring due to rainy weather, which led to later harvests as well. This also caused wet soils during the growing period in Fulton County, which led to higher than normal CVs in one location. Please make note of this along with the large differences in planting dates.

**Figure 1.** 2021 Kentucky Hybrid Corn Performance Test locations.

1. Breckinridge County
2. Butler County
3. Caldwell County
4. Daviess County
5. Fayette County
6. Fulton County
7. Logan County



## Disease Ratings

Hybrids were evaluated at one location – Fayette County. All ratings were made by Dr. Kiersten Wise, UK Plant Pathologist in Princeton. Ratings were made during the middle of August. Gray Leaf Spot (GLS) was the main disease rated. However, the early test was also rated for Northern Corn Leaf Blight (NCLB). Special thanks to Dr. Wise for this work.

## Cultural Practices

Corn seed was planted no-till into soybean stubble at four locations, and into tilled fields at the other three. 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.

## 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 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 five tests: Early, Medium, and Late maturities; Conventional (non-GMO) hybrids; and White 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 seven locations for a total of 35 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.

The **White** hybrid group in Table 2W and all subsequent “W” tables include those hybrids rated by the parent seed company to have a white seed coat color.

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. This combine contributes to improved accuracy of the data.

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:

- Brian Major and family of Hickman, KY
- Brandon Taul and family of McQuady, KY
- Woody Moore and family of Morgantown, KY
- Jason Strode and family of Owensboro, KY
- Sam Halcomb and family of Adairville, KY

The authors give special thanks to Ted Walker, Jason Conn and 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
- Mark Thomas and Mindy Jones, Corteva, for supplying seed for borders
- Ben Rudy, Extension agent, Fulton County, KY
- Greg Drake, Extension agent, Butler County, KY
- Clint Hardy, Extension agent, Daviess County, KY
- Carol Hinton, Extension agent, Breckinridge County, KY

## Source of Seeds

The seeds planted in the 2021 Hybrid Corn Performance Test were acquired from the sources listed in Table 1.

**Table 1. Hybrids tested, 2021.**

Company	Hybrid	Trait*	Test	Color	CRM
AgriGold Hybrids	AgriGold A639-70STXRIB	STXRIB	E	Yellow	109
Justin Warren	AgriGold A642-59VT2RIB	VT2	M	Yellow	112
5381 Akin Rd	AgriGold A642-47STX	STX	M	Yellow	112
St. Francisville, IL 62460	AgriGold A6544VT2RIB	VT2	M	Yellow	113
justin.warren@agrigold.com	AgriGold A643-52VT2PRO	VT2	M	Yellow	113
800-262-7333	AgriGold A645-16VT2PRO	VT2PRO	M	Yellow	115
	AgriGold A647-42TRC	Trecepta	L	Yellow	117
	AgriGold A647-90VT2RIB	VT2	L	Yellow	117
Armor Seed/Croplan	Armor 1500 Conv	None CONV.	C	Yellow	115
Winfield United	ARMOR A1029	VT2P/ASR	E	Yellow	110
Jay Middleton	ARMOR A1299	VT2P	M	Yellow	112
2532 Alexander Dr	ARMOR A1575	VT2P/ASR	M,S	Yellow	115
Jonesboro, AR 72401	Croplan 4930	DGVT2P	E	Yellow	109
jaymiddleton@armorseed.com	Croplan 5073	VT2P	E	Yellow	110
270-832-2133	Croplan 5290	None CONV.	C	Yellow	112
	Croplan 5340	None CONV.	C	Yellow	113
	Croplan 5497	VT2P	M	Yellow	114
	Croplan 5550	VT2P	M	Yellow	115
	Croplan 5678	VT2P	L	Yellow	116
	Croplan CP5700S	VT2P	S	Yellow	117
	Croplan CP5900S	VT2P	S	Yellow	119
Beck's Hybrids	Beck's 5994V2P	V2PRIB	E	Yellow	109
Camille Lambert	Beck's 6112V2P	V2PRIB	E	Yellow	111
6767 E. 276th St	Beck's 6374V2P	V2PRIB	M	Yellow	113
Atlanta, IN 46031	Beck's 6414V2P	V2PRIB	M	Yellow	114
camille.lambert@beckshybrids.com	Beck's 6557V2P	V2PRIB	M	Yellow	115
270-993-5392					
Biomineral Ag	Biomineral-YCN-1	None CONV.	C	Yellow	
Nadia Adam	Biomineral-YCN-2	None CONV.	C	Yellow	
1400 E. Angela Blvd	Biomineral-OCN	None CONV.	C	Yellow	
South Bend, IN 46617					
nadam@biomineralsystems.com					
Mycogen Seeds/Brevant Seeds	Brevant Seeds B09Z08AM	AM	E	Yellow	109
Andy Robinson	Brevant Seeds B13A10AM	AM	M	Yellow	113
9330 Zionsville Rd	Brevant Seeds B14J04AM	AM	M	Yellow	114
Indianapolis, IN 46268	Brevant Seeds B15M08AM	AM	M	Yellow	115
andrew.robinson@brevant.com	Brevant Seeds B17Z18AM	AM	L	Yellow	117
317-431-9727					
Channel	Channel 210-46VT2PRIB	VT2PRIB	E	Yellow	110
Cody Hornaday	Channel 214-78DGVT2PRIB	DBVT2PRIB	M	Yellow	114
1950 Lumpkin Rd	Channel 215-60TRERIB	Trecepta	M	Yellow	115
Loogootee, IN 47533	Channel 217-01VT2PRIB	VT2PRIB	L	Yellow	117
cody.hornaday@bayer.com	Channel 219-STXRIB	STXRIB	S	Yellow	119
812-278-4136	Channel 220-98STX	STXRIB	S	Yellow	120
BAYER - DEKALB	DEKALB DKC59-82RIB	VT2PRIB	E	Yellow	109
Todd Ladd	DEKALB DKC62-53RIB	VT2PRIB	M	Yellow	112
17 Buds Way	DEKALB DKC62-70RIB	VT2PRIB	M	Yellow	112
Cadiz, KY 42211	DEKALB DKC63-57RIB	VT2PRIB	M	Yellow	113
todd.ladd@bayer.com	DEKALB DKC63-91RIB	VT2PRIB	M	Yellow	113
270-498-4297	DEKALB DKC64-44RIB	VT2PRIB	S	Yellow	114
	DEKALB DKC65-95RIB	VT2PRIB	M	Yellow	115
	DEKALB DKC65-99RIB	TRERIB	M	Yellow	115
	DEKALB DKC66-18RIB	VT2PRIB	L	Yellow	116
	DEKALB DKC67-44RIB	VT2PRIB	L	Yellow	117
	DEKALB DKC67-66	SS	S	Yellow	117
	DEKALB DKC67-94RIB	TRERIB	L	Yellow	117
	DEKALB DKC70-27RIB	VT2PRIB	L	Yellow	120
	DEKALB DKC62-00RIB	VT3PRIB	W	White	112
	DEKALB DKC63-00RIB	VT3PRIB	W	White	113

**\*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:** Anthracnose 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:** Above ground 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  
**RA:** Refuge Advanced  
**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  
**RW:** corn rootworm resistance  
**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 above ground 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

continued

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

**™:** Trade Mark

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



**Table 1. Hybrids tested, 2021, continued.**

Company	Hybrid	Trait*	Test	Color	CRM
	DEKALB DKC64-00RIB	VT3PRIB	W	White	114
Dyna-Gro Seed	Dyna-Gro D51VC67	VT2P	E	Yellow	111
Landon Taylor	Dyna-Gro D53CC33	None CONV.	C	Yellow	113
2760 Keller Rd	Dyna-Gro D54VC14	VT2P	M	Yellow	114
Owensboro, KY 42301	Dyna-Gro D55VC80	VT2P	M,S	Yellow	115
landon.taylor@nutrien.com	Dyna-Gro D58VC65	VT2P	L	Yellow	118
270-231-6977					
Growmark	FS InVISION FS 6194V RIB	VT2P RIB	E	Yellow	111
Eric West	FS InVISION FS 622V1 RIB	VT2P RIB	M	Yellow	112
FS InVISION	FS InVISION FS 6306T RIB	TRE RIB	M	Yellow	113
1701 Towanda Ave	FS InVISION FS 6395VDG RIB	VT2P/DG RIB	M	Yellow	113
Bloomington, IL 61702-2500	FS InVISION FS 6595V RIB	VT2P RIB	M	Yellow	115
ewest@growmark.com	FS InVISION FS 6606T RIB	TRE RIB	L	Yellow	116
309-557-6234	FS InVISION FS 6818V RIB	VT2P RIB	L	Yellow	118
	FS InVISION FS 62Z00	None CONV.	C	Yellow	113
	FS InVISION FS 63Z00	None CONV.	C	Yellow	113
Hybrid85	Hybrid85 H-3203W	None	W	White	117
Nate Belcher					
PO Box 4615					
Omaha, NE 68145					
corn@hybrid85.com					
402-382-4210					
LG Seeds	LG Seeds LG62C52TRC	Trecepta	E	Yellow	111
Dan Mitchell	LG Seeds LG64C20-3220	Vip 3220	M	Yellow	114
22827 Shissler Road	LG Seeds LG66C28-3220	Vip 3220	L	Yellow	116
Elmwood, IL 61529	LG Seeds LG66C44VT2Pro	VT2PRO	L	Yellow	116
dan.mitchell@lgseeds.com	LG Seeds LG5643VT2PRO	VT2PRO	M	Yellow	114
812-457-3132					
Local Seed Company	Local Seed LC1009 VT2P	VT2P	E	Yellow	110
Bradley Taylor	Local Seed LC1289 VT2P	VT2P	E	Yellow	112
802 Rozelle St	Local Seed LC1307 TC	Trecepta	M	Yellow	113
Memphis, TN 38104	Local Seed LC1398 VT2P	VT2P	M	Yellow	113
bradley.taylor@localseed.com	Local Seed LC1497 DGVT2P	DGVT2P	M	Yellow	114
662-402-1502	Local Seed LC1407 VT2P	VT2P	M	Yellow	114
	Local Seed LC1577 VT2P	VT2P	M	Yellow	115
	Local Seed LC1506 VT2P	VT2P	M	Yellow	115
	Local Seed LC1616 TC	Trecepta	L	Yellow	116
	Local Seed LC1707 VT2P	VT2P	L	Yellow	117
	Local Seed LC1898 TC	Trecepta	L	Yellow	118
	Local Seed LC1919 VT2P	VT2P	L	Yellow	119
NK Seeds	NK Seeds NK1082-3220A.0-EZ1	Viptera	E	Yellow	110
Cole Hamilton	NK Seeds NK1460-5222.0-EZ1	Duracade/Viptera	M	Yellow	114
3649 Hayden Rd	NK Seeds NK 1523-3220.0-EZ1	Viptera	M,S	Yellow	115
Owensboro, KY 42303					
cole.hamilton@syngenta.com					
618-306-2635					
NuTech Seed	NuTech Seed 68A7AM	Acre Max	E	Yellow	108
Keith Niemeier	NuTech Seed 70A8AM	Acre Max	E	Yellow	110
201 Knollwood Dr	NuTech Seed 72D4AM	AM	M	Yellow	112
Champaign, IL 61820	NuTech Seed 74B6AM	Acre Max	M	Yellow	114
keith.niemeier@nutchseed.com	NuTech Seed 74F3AM	AM	M	Yellow	114
618-541-0605	NuTech Seed 74A9AM	AM	M	Yellow	114
	NuTech Seed 77A5AM	Acre Max	L	Yellow	117
Partners Brand Seed	Partners Brand PB 7881	Agrisure 3010	E	Yellow	108
Brad Smith	Partners Brand PB 8071	Viptera 3110	E	Yellow	110
4610 E. State Road 120	Partners Brand PB 8335	VT2PRIBC	M	Yellow	113
Howe, IN 46746	Partners Brand PB 8336	RR2	M	Yellow	113
bradsmith@partnersbrandseed.com	Partners Brand PB 8335	None CONV.	C	Yellow	113
260-350-5503	Partners Brand PB 8336	None CONV.	C	Yellow	113
	Partners Brand PB 8580	Viptera 3111	S	Yellow	115

**\*Trait:**

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**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  
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**LL:** Liberty Link glufosinate tolerance  
**Intrasect:** YGCB, HX1, LL, RR2  
**Power Core, PCRA, PWRA, PC:** VT2PRO + HX1 + above ground traits  
**RA:** Refuge Advanced  
**RHS:** Glyphosate tolerance  
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**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

*continued*

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

**™:** Trade Mark

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

**Table 1. Hybrids tested, 2021, continued.**

Company	Hybrid	Trait*	Test	Color	CRM
	Partners Brand PB 8600	Viptera 3110	S	Yellow	116
	Partners Brand PB 11702	Agrisure 3111	S	Yellow	117
Pioneer	Pioneer P1077AM	AM	E	Yellow	110
Mindy Jones	Pioneer P1464AML	AML	M	Yellow	114
5422 Hwy 41A	Pioneer P1847AML	AML	L	Yellow	118
Henderson, KY 42420	Pioneer P1637YHR	YHR	S	Yellow	116
mindyjones@pioneer.com	Pioneer P1656WAM	AM	W	White	116
270-577-4510					
Seed Consultants Inc.	Seed Consultants SC 1112AM	AcreMax	E	Yellow	111
Bill McDonald	Seed Consultants SC 1122Q	AcreMax	M	Yellow	112
648 Miami Trace Rd. SW	Seed Consultants SC 1170AM	AcreMax	L	Yellow	117
Washington Court House, OH 43160	Seed Consultants SC 1188AM	AcreMax	L	Yellow	118
bill.mcdonald@seedconsultants.com					
800-708-2676					
Stewart Seeds	Stewart 09DP409	VT2PRO	E	Yellow	109
Justin Petrosino	Stewart 09DD140	DGVT2PRO	E	Yellow	109
127 N Grove Street	Stewart 11DT792	Trecepta	E	Yellow	111
Bowling Green, OH 43402	Stewart 13DD360	DGVT2PRO	M	Yellow	113
justin.petrosino@stewartseeds.com	Stewart 14DD339	DGVT2PRO	M	Yellow	114
419-681-3427	Stewart 15DP519	VT2PRO	M	Yellow	115
	Stewart 17DP781	VT2PRO	L	Yellow	117
	Stewart 18DP682	VT2PRO	L	Yellow	118
Warren Seed & Agronomy Service	Warren Seed DS 4878	AM	E	Yellow	108
Lanny Warren	Warren Seed DS 5018	YHR	E	Yellow	110
208 South Thompson St	Warren Seed DS 5250	YHR	M	Yellow	112
Union City, TN 38261	Warren Seed DS 5323	YHR	M	Yellow	113
lanny.warren@charter.net	Warren Seed DS 5510	YHR	M	Yellow	115
731-885-6595	Warren Seed DS 5676	YHR	L	Yellow	116
Wyffels Hybrids	Wyffels W7876RIB	VT2P	M	Yellow	114
David Strawn	Wyffels W8936DGRIB	VT2PDG	L	Yellow	117
13344 US Hwy 6					
Geneseo, IL 61254					
dstrawn@hotmail.com					
217-691-7744					

**\*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:** Anthracnose 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:** Above ground 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  
**RA:** Refuge Advanced  
**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  
**RW:** corn rootworm resistance  
**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 above ground 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

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

**™:** Trade Mark

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

**Table 2E. State summary, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Warren Seed DS 5018	254.4	252.5	237.0	17.4	58.5	1	Stewart 09DP409	233.0	236.8		19.2	57.7	0
Beck's 5994V2P	248.4			18.1	59.2	0	Dyna-Gro D51VC67	232.3			18.8	58.1	0
NuTech 68A7AM	247.8	247.7		18.0	58.1	0	Stewart 11DT792	232.2			18.7	56.6	0
Warren Seed DS 4878	246.5			18.0	58.0	0	Pioneer P1077AML	232.0	232.1		19.0	59.1	0
Croplan 4930	243.6			18.8	58.6	0	FS InVISION FS 6194V RIB	226.1	238.1	230.3	18.7	58.3	0
Seed Consultants SC1112AM	243.4			19.3	58.6	0	NK Seeds NK1082-3220A.0-EZ1	225.3			18.3	57.4	0
Croplan 5073	240.0			19.7	58.6	0	LG Seeds LG62C52TRC	222.4			19.7	58.4	0
AgriGold A639-70STXRIB	239.4	248.3		19.0	58.1	0	Local Seed LC1009 VT2P	221.4			18.0	58.4	0
Stewart 09DD140	237.0	239.4	232.9	17.8	57.0	0	Beck's 6112 V2P	219.5			19.1	58.5	0
ARMOR A1029	236.8	240.5	229.3	19.1	58.5	0	Partners Brand PB 8071	214.1			18.2	56.9	0
DEKALB DKC59-82RIB	235.5	240.7		18.9	57.0	0	Partners Brand PB 7881	213.3			18.1	58.9	0
Channel 210-46VT2PRIB	234.8			18.8	58.9	0	<b>Average</b>	<b>233.5</b>	<b>242.1</b>	<b>232.4</b>	<b>18.6</b>	<b>58.2</b>	<b>0</b>
Brevant Seeds B09Z08AM	234.7			19.1	59.2	0	C.V.	7.3	6.7	7.9	4.7	1.5	652
NuTech 70A8AM	234.1	244.4		19.0	59.3	0	LSD	12.2	21.4	20.3	0.6	0.6	1

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

**Table 2M. State summary, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
NuTech 72D4AM	255.5			19.0	59.3	0	Local Seed LC1307TC	233.0	235.4		18.9	59.4	0
Warren Seed DS 5250	250.9			19.1	59.1	0	Warren Seed DS 5510	232.5	235.0	224.7	20.8	60.8	0
Stewart 13DT962	250.3			19.6	59.1	0	Pioneer P1464AML	231.9			20.8	59.7	0
AgriGold A6544VT2RIB	245.3	248.8	238.7	19.9	59.1	0	FS InVISION FS 6595V RIB	231.8	236.4	227.7	20.2	59.2	0
Channel 214-78DGV2PRIB	244.9	252.3		19.6	59.2	0	Brevant Seeds B15H98AM	231.6	234.4		20.8	60.6	0
Stewart 13DD360	244.5	240.5	230.3	19.4	58.4	0	Local Seed LC1407 VT2P	231.0			20.4	60.0	0
Dyna-Gro D54VC14	244.3		224.1	20.3	60.3	0	FS InVISION FS 62ZV1 RIB	230.8	232.9	224.1	19.5	59.6	0
Brevant Seeds B13A10AM	243.9			19.4	58.8	0	Wyffels W7876RIB	230.5	233.0		19.4	59.2	0
Beck's 6414V2P	242.3	241.8		20.1	60.7	0	Partners Brand PB 8336	230.3			19.7	59.2	0
Channel 215-60TRERIB	242.2	247.7	236.2	19.5	58.1	0	Local Seed LC1506 VT2P	230.2	236.7		19.4	62.8	0
DEKALB DKC63-91RIB	241.7	241.0	233.2	18.7	57.8	0	LG Seeds LG 64C20-3220	230.1			18.4	58.5	0
Local Seed LC1497DGV2P	240.8	239.0		19.1	60.0	0	Beck's 6557V2P	229.9	233.6		20.9	59.4	0
AgriGold A645-16VT2PRO	240.3	243.8	229.9	20.3	59.6	0	ARMOR A1299	229.9	231.7	224.2	19.1	59.4	0
Croplan 5550	240.3			19.4	59.0	0	AgriGold A642-47STX	229.6	233.3		21.1	59.7	0
LG Seeds LG5643VT2RIB	239.7		225.9	20.0	58.7	0	AgriGold A642-59VT2RIB	229.5	232.5	228.0	19.0	59.5	0
DEKALB DKC65-99RIB	238.8	241.3	232.9	20.2	60.0	0	DEKALB DKC62-53RIB	229.4	233.2	222.8	19.4	59.4	0
Dyna-Gro D55VC80	238.7	243.1		20.1	59.5	0	NuTech 74F3AM	228.6			20.1	58.9	0
Beck's 6374V2P	238.0	231.4		19.1	59.3	0	Warren Seed DS 5323	228.4			20.0	59.7	0
Stewart 15DP519	238.0	241.4	231.3	20.0	59.6	0	Partners Brand PB 8335	228.2			19.1	59.2	0
NuTech 74A9AM	237.2			19.8	58.8	0	Local Seed LC1398VT2P	228.0	235.5		20.0	60.2	0
Local Seed LC1577 VT2PRIB	237.2	235.4	224.1	20.0	60.8	0	FS InVISION FS 6306T RIB	227.2	238.2		19.0	59.2	0
FS InVISION FS 6395VDG RIB	236.8	235.4		18.9	59.4	0	Local Seed LC1289 VT2PRIB	227.0	231.2	225.3	19.0	58.9	0
Seed Consultants SC1122Q	236.7			20.0	59.3	0	NuTech 74B6AM	224.7	228.6		19.6	59.6	0
DEKALB DKC65-95RIB	236.4	238.4	224.7	20.3	60.7	0	Brevant Seeds B14J04AM	224.2	227.9		19.9	59.8	0
Croplan 5497	236.3			20.1	60.1	0	NK Seeds NK1460-5222.0-EZ1	221.9			20.1	56.5	0
DEKALB DKC63-57RIB	235.3	236.3	224.2	20.0	59.4	0	NK Seeds NK1523-3220.0-EZ1	217.8			21.0	57.8	0
AgriGold A643-52VT2PRO	235.1			20.0	60.2	0	<b>Average</b>	<b>235.0</b>	<b>237.5</b>	<b>228.1</b>	<b>19.8</b>	<b>59.5</b>	<b>0</b>
DEKALB DKC62-70RIB	234.2			20.5	60.6	0	C.V.	6.8	6.9	7.9	4.0	1.2	0
ARMOR A1575	233.6	240.2	230.2	20.7	59.0	0	LSD	11.5	22.1	15.6	0.6	0.5	0

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

**Table 2L. State summary, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Channel 217-01VT2PRIB	247.7			19.9	58.9	0	Local Seed LC1707 VT2P	230.0	226.2		21.0	61.5	0
DEKALB DKC66-18RIB	242.3	242.8	236.2	20.0	59.5	0	FS InVISION FS 6606T RIB	229.6	238.7		20.7	57.7	0
Stewart 18DP682	240.7			21.4	57.7	0	FS InVISION 6818V RIB	229.4			21.0	61.7	0
LG Seeds LG66C44VT2PRO	240.4	238.1		20.0	59.4	0	Local Seed LC1898TC	227.4	233.7		20.0	60.7	0
NuTech 77A5AM	239.4			21.1	58.5	0	LG Seeds LG 66C28-3220	223.3			20.2	58.4	1
Seed Consultants SC1170AM	238.6	241.7	232.5	20.4	59.1	0	Wyffels W8936DGRIB	222.3	234.2		20.7	59.2	0
DEKALB DKC67-94RIB	236.8			20.5	59.1	0	Stewart 17DP781	221.3	228.8		23.4	56.8	0
DEKALB DKC67-44 RIB	235.1	240.1	235.5	20.1	60.4	0	Local Seed LC1616TC	220.8			21.4	61.2	0
Brevant Seeds B17Z18AM	233.4			20.9	58.7	0	AgriGold A647-90VT2RIB	217.3	223.3		21.4	60.3	0
AgriGold A647-42TRC	233.2	238.9		21.2	57.7	0	Local Seed LC1919 VT2P	215.6			22.4	60.3	0
Dyna-Gro D58VC65	232.8	237.6	229.4	21.0	59.9	0	Seed Consultants SC1188AM	214.5	220.9	215.5	21.4	60.0	0
Pioneer P1847AML	232.3	233.8	225.6	22.9	59.4	0	<b>Average</b>	<b>231.9</b>	<b>234.6</b>	<b>228.6</b>	<b>20.8</b>	<b>59.3</b>	<b>0</b>
Croplan 5678	231.8			20.9	60.1	0	C.V.	7.2	7.4	7.6	4.1	1.3	509
DEKALB DKC70-27RIB	230.8	235.7	225.2	21.8	58.6	0	LSD	12.1	23.3	19.2	0.6	0.6	0
Warren Seed DS 5676	230.1	238.6		21.4	59.8	0							

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

**Table 2C. State summary, conventional, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
FS InVISION 62Z00	231.3		19.7	58.8	0
Dyna-Gro D53CC33	228.2		18.8	58.7	0
Partners Brand PB 8335C	225.4		19.0	58.5	0
Croplan 5340	225.3		20.5	60.1	0
Partners Brand PB 8336C	223.6		19.8	58.5	0
FS InVISION 63Z00	222.3		19.9	61.1	0
Croplan 5290	222.1		19.6	60.2	0
Biomineral YCN-2	218.1	214.2	20.2	61.7	0
Armor 1500	208.4		20.4	59.5	0
Biomineral YCN-1	205.7		20.2	61.5	0
Biomineral-OCN	205.4		20.6	61.3	0
<b>Average</b>	<b>219.7</b>	<b>214.2</b>	<b>19.9</b>	<b>60.1</b>	<b>0</b>
C.V.	5.3	7.2	3.2	1.1	690
LSD	8.4	21.3	0.5	0.5	0

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

**Table 2W. State summary, white, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
DEKALB DKC62-00RIB	228.6		21.2	59.8	1
DEKALB DKC64-00RIB	221.9		22.2	59.3	0
DEKALB DKC63-00RIB	216.7		21.0	59.1	0
Pioneer P1656WAM	210.3		21.1	60.8	0
Hybrid85 H-3203W	182.7		21.4	57.9	1
<b>Average</b>	<b>212.0</b>		<b>21.4</b>	<b>59.4</b>	<b>0</b>
CV	4.9		4.3	4.7	383
LSD	7.7		0.7	2.0	1

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

**Table 3E. Disease ratings: Fayette County, early, 2021.**

Hybrid	GLS (%)	NCLB (%)	Hybrid	GLS (%)	NCLB (%)	Hybrid	GLS (%)	NCLB (%)
AgriGold A639-70STXRIB	2	0	DEKALB DKC59-82RIB	1	23.5	Partners Brand PB 8071	1	0
ARMOR A1029	6	0	Dyna-Gro D51VC67	4	31	Pioneer P1077AML	2	21
Beck's 5994V2P	2	0	FS InVISION FS 6194V RIB	3	11	Seed Consultants SC1112AM	3	
Beck's 6112V2P	1	0	LG Seeds LG62C52TRC	3	11	Stewart 09DD140	2	6
Brevant Seeds B09Z08AM	7	11	Local Seed LC1009 VT2P	1	21	Stewart 09DP409	3	0
Channel 210-46VT2PRIB	3	6	NK Seeds NK1082-3220A.0-EZ1	1	34.5	Stewart 11DT792	5	0
Croplan 4930	6	8	NuTech 68A7AM	5	0	Warren Seed DS 4878	4	8.5
Croplan 5073	5	0	NuTech 70A8AM	5	0	Warren Seed DS 5018	4	2
			Partners Brand PB 7881	2	0			

**Table 3M. Disease ratings: Fayette County, medium, 2021.**

Hybrid	GLS (%)	Hybrid	GLS (%)	Hybrid	GLS (%)	Hybrid	GLS (%)
AgriGold A642-47STX	0.75	Channel 215-60TRERIB	2	FS InVISION FS 6595V RIB	1	NuTech 74F3AM	3
AgriGold A642-59VT2RIB	6	Croplan 5497	1	LG Seeds LG 64C20-3220	2	NuTech 74A9AM	2
AgriGold A643-52VT2PRO	2	Croplan 5550	1	LG Seeds LG5643VT2RIB	2	Partners Brand PB 8335	1
AgriGold A645-16VT2PRO	1	DEKALB DKC62-53RIB	1	Local Seed LC1289 VT2PRIB	2	Partners Brand PB 8336	4
AgriGold A6544VT2RIB	2	DEKALB DKC62-70RIB	1	Local Seed LC1307TC	3	Pioneer P1464AML	3
ARMOR A1299	1	DEKALB DKC63-57RIB	2	Local Seed LC1398VT2P	1	Seed Consultants SC1122Q	3
ARMOR A1575	1	DEKALB DKC63-91RIB	1.75	Local Seed LC1407 VT2P	4	Stewart 13DD360	0.75
Beck's 6374V2P	0.75	DEKALB DKC65-95RIB	0.75	Local Seed LC1497DGV2P	3	Stewart 13DT962	2
Beck's 6414V2P	1.75	DEKALB DKC65-99RIB	2.75	Local Seed LC1506 VT2P	2	Stewart 15DP519	1
Beck's 6557V2P	1	Dyna-Gro D54VC14	1.75	Local Seed LC1577 VT2PRIB	2	Warren Seed DS 5250	7
Brevant Seeds B13A10AM	6	Dyna-Gro D55VC80	4	NK Seeds NK1460-5222.0-EZ1	4	Warren Seed DS 5323	6
Brevant Seeds B14J04AM	6	FS InVISION FS 62ZV1 RIB	5	NK Seeds NK1523-3220.0-EZ1	6	Warren Seed DS 5510	4
Brevant Seeds B15H98AM	3	FS InVISION FS 6306T RIB	1	NuTech 72D4AM	5	Wyffels W7876RIB	3
Channel 214-78DGV2PRIB	2	FS InVISION FS 6395VDG RIB	4	NuTech 74B6AM	6		

**Table 3M. Disease ratings: Fayette County, late, 2021.**

Hybrid	GLS (%)	Hybrid	GLS (%)	Hybrid	GLS (%)	Hybrid	GLS (%)
AgriGold A647-42TRC	4	DEKALB DKC67-44	6	LG Seeds LG66C44VT2PRO	3	Seed Consultants SC1170AM	3
AgriGold A647-90VT2RIB	2	DEKALB DKC67-94RIB	5	Local Seed LC1616 TC	3	Seed Consultants SC1188AM	6
Brevant Seeds B17Z18AM	3	DEKALB DKC70-27RIB	1	Local Seed LC1707 VT2P	3	Stewart 17DP781	4
Channel 217-01VT2PRIB	1	Dyna-Gro D58VC65	1	Local Seed LC1898TC	3	Stewart 18DP682	4
Croplan 5678	5	FS InVISION 6818V RIB	4	Local Seed LC1919 VT2P	1	Warren Seed DS 5676	3
DEKALB DKC66-18RIB	2	FS InVISION FS 6606T RIB	4	NuTech 77A5AM	4	Wyffels W8936DGRIB	1
		LG Seeds LG 66C28-3220	2	Pioneer P1847AML	2		

**Table 3M. Disease ratings: Fayette County, conventional, 2021.**

Hybrid	GLS (%)	Hybrid	GLS (%)
Armor 1500	4	Dyna-Gro D53CC33	3
Biominerals YCN-1	5	FS InVISION 62Z00	3
Biominerals YCN-2	4	FS InVISION 63Z00	4
Biominerals OCN	4	Partners Brand PB 8335C	1
Croplan 5290	2	Partners Brand PB 8336C	4
Croplan 5340	1		

**Table 3M. Disease ratings: Fayette County, white, 2021.**

Hybrid	GLS (%)
DEKALB DKC62-00RIB	4
DEKALB DKC63-00RIB	5.5
DEKALB DKC64-00RIB	4
Hybrid85 H-3203W	5
Pioneer P1656WAM	2



**Table 4E. Breckinridge County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Warren Seed DS 5018	260.0	246.7	227.0	16.9	59.4	0	Partners Brand PB 7881	219.7			17.3	60.2	0
Beck's 5994V2P	244.6			17.8	60.8	0	Croplan 4930	219.6			17.7	60.0	0
AgriGold A639-70STXRIB	241.1	241.0		18.0	59.5	0	Pioneer P1077AML	218.5	206.7		19.6	60.3	0
NuTech 68A7AM	237.1	231.3		17.4	59.5	0	Stewart 11DT792	218.1			16.4	58.0	0
Croplan 5073	236.0			19.0	60.7	0	LG Seeds LG62C52TRC	215.4			18.9	59.8	0
Stewart 09DD140	234.9	219.7	211.2	16.6	59.0	0	Partners Brand PB 8071	214.5			17.0	58.0	0
Dyna-Gro D51VC67	233.6			18.0	60.1	0	DEKALB DKC59-82RIB	212.9	217.5		17.5	58.2	0
NuTech 70A8AM	233.5	232.7		18.9	60.4	0	Stewart 09DP409	212.7	211.8		17.4	59.3	0
Seed Consultants SC1112AM	230.7			19.2	58.9	0	Beck's Hybrids6112V2P	206.4			18.1	60.5	0
Warren Seed DS 4878	230.5			17.6	58.9	0	Local Seed LC1009 VT2P	193.0			17.2	59.9	0
ARMOR A1029	229.9	224.0	210.2	18.8	60.3	0	<b>Average</b>	<b>226.0</b>	<b>226.0</b>	<b>217.5</b>	<b>17.9</b>	<b>59.7</b>	<b>0</b>
FS InVISION FS 6194V RIB	229.0	229.1	221.5	17.9	60.3	0	C.V.	6.2	7.0	8.7	2.8	1.1	848
Channel 210-46VT2PRIB	228.1			18.4	60.3	0	LSD	27.4	21.4	21.3	1.0	1.3	0
NK Seeds NK1082-3220A.0-EZ1	227.9			17.7	58.6	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 16, 2021; Harvested: September 30, 2021. Soil type: Sadler silt loam; Previous crop: Soybean; Fertilizer: 220/50/100.						
Brevant Seeds B09Z08AM	226.2			18.8	60.2	0							

**Table 4M. Breckinridge County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
LG Seeds LG5643VT2RIB	243.2		204.2	19.2	59.8	0	Stewart 15DP519	216.8	210.3	180.9	19.9	59.8	0
NuTech 72D4AM	242.0			18.6	59.4	0	Local Seed LC1307TC	216.6			18.3	60.4	0
Dyna-Gro D54VC14	241.8		177.1	19.8	61.3	0	Local Seed LC1289 VT2PRIB	216.2	212.3	199.1	18.9	59.3	0
Warren Seed DS 5250	241.4			19.1	59.8	0	NuTech 74A9AM	216.1			18.7	59.6	0
Stewart 13DT962	239.2			19.2	59.2	0	Warren Seed DS 5323	216.0			19.6	60.4	0
Dyna-Gro D55VC80	238.4	227.9		20.3	60.1	0	Local Seed LC1398VT2P	215.9	217.9		21.5	60.2	0
Beck's 6374V2P	236.3	224.1		17.9	60.1	0	DEKALB DKC63-91RIB	215.4	219.0	210.8	16.6	59.0	0
Croplan 5497	234.6			19.9	61.7	0	AgriGold A642-47STX	215.2	215.0		20.9	60.5	0
Croplan 5550	232.8			19.5	58.0	0	Brevant Seeds B13A10AM	215.2			19.6	59.2	0
Stewart 13DD360	232.4	229.0	191.5	18.1	59.7	0	Local Seed LC1506 VT2P	214.8	215.0		19.6	63.4	0
Local Seed LC1577 VT2PRIB	232.2	223.4	193.8	20.1	61.1	0	AgriGold A643-52VT2PRO	214.7			19.6	61.0	0
Beck's 6414V2P	231.8	221.3		19.6	61.6	0	NK Seeds NK1523-3220.0-EZ1	214.6			20.4	58.6	0
Channel 215-60TRERIB	231.2	228.3	213.6	19.7	58.8	0	Brevant Seeds B14J04AM	214.5	202.0		19.7	60.3	0
AgriGold A6544VT2RIB	230.7	228.5	215.0	19.0	59.7	0	DEKALB DKC62-70RIB	213.8			20.4	60.8	0
ARMOR A1299	230.2	222.5	205.4	18.0	60.8	0	Seed Consultants SC1122Q	213.3			20.2	59.8	0
DEKALB DKC63-57RIB	229.6	230.1	195.0	19.7	60.6	0	Partners Brand PB 8336	211.8			19.5	59.4	0
AgriGold A645-16VT2PRO	228.5	227.2	196.0	20.7	59.3	0	Local Seed LC1497DGV2P	211.3	214.7		18.3	60.3	0
Beck's 6557V2P	226.7	219.4		20.3	60.7	0	Local Seed LC1407 VT2P	211.1			20.5	60.5	0
DEKALB DKC65-99RIB	226.4	222.0	204.9	19.8	60.3	0	Warren Seed DS 5510	209.7	207.2	176.3	21.3	61.7	0
Brevant Seeds B15H98AM	225.9	213.4		20.6	61.3	0	NK Seeds NK1460-5222.0-EZ1	208.6			19.6	57.4	0
FS InVISION FS 62ZV1 RIB	224.5	213.4	188.3	19.1	60.2	0	LG Seeds LG 64C20-3220	207.8			17.3	58.9	0
Wyffels W7876RIB	223.7			19.9	59.6	0	FS InVISION FS 6306T RIB	206.8	221.6		18.3	60.0	0
FS InVISION FS 6395VDG RIB	223.2	218.8		18.2	60.3	0	Pioneer P1464AML	205.7			20.2	59.6	0
Channel 214-78DGV2PRIB	221.9	222.6		19.0	60.0	0	Partners Brand PB 8335	205.5			17.9	60.2	0
FS InVISION FS 6595V RIB	221.8	216.1	198.6	20.9	59.2	0	NuTech 74F3AM	189.5			20.3	58.9	0
NuTech 74B6AM	221.2	211.1		19.5	60.6	0	<b>Average</b>	<b>221.7</b>	<b>219.0</b>	<b>195.4</b>	<b>19.5</b>	<b>60.1</b>	<b>0</b>
ARMOR A1575	219.3	225.5	200.1	21.7	59.2	0	C.V.	6.5	6.6	11.4	3.4	1.1	904
AgriGold A642-59VT2RIB	219.1	214.6	203.0	18.8	59.7	0	LSD	28.0	19.6	25.8	1.3	1.3	0
DEKALB DKC62-53RIB	218.3	211.0	176.5	18.4	60.3	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 16, 2021; Harvested: September 30, 2021. Soil type: Sadler silt loam; Previous crop: Soybean; Fertilizer: 220/50/100.						
DEKALB DKC65-95RIB	217.3	221.7	177.8	20.8	61.1	0							

**Table 4L. Breckinridge County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Brevant Seeds B17Z18AM	240.7			20.6	59.3	0	AgriGold A647-42TRC	212.3	211.4		20.1	58.7	0
Croplan 5678	237.5			19.9	61.7	0	Wyffels W8936DGRIB	206.6	208.8		20.2	59.9	0
Seed Consultants SC1170AM	237.4	228.1	209.5	19.5	60.3	0	DEKALB DKC70-27RIB	204.6	206.5	198.8	22.7	58.5	0
LG Seeds LG66C44VT2PRO	233.9	223.1		20.2	60.0	0	AgriGold A647-90VT2RIB	201.5	209.1		21.8	60.5	0
DEKALB DKC67-94RIB	231.3			19.6	59.7	0	Seed Consultants SC1188AM	197.6	195.7	181.2	20.5	60.8	0
DEKALB DKC66-18RIB	230.3	231.3	215.4	19.1	60.5	0	Local Seed LC1919 VT2P	197.5			23.1	60.1	0
Channel 217-01VT2PRIB	230.2			19.2	59.9	0	Local Seed LC1616 TC	197.4			22.1	61.5	0
Local Seed LC1898TC	228.3	219.0		19.7	61.3	0	Stewart 17DP781	194.1	192.8		24.3	56.6	0
FS InVISION FS 6606T RIB	227.4	221.8		20.0	58.8	0	LG Seeds LG 66C28-3220	191.1			20.2	58.0	0
DEKALB DKC67-44RIB	225.6	231.8	217.7	19.8	61.0	0	<b>Average</b>	<b>218.5</b>	<b>214.5</b>	<b>204.6</b>	<b>20.5</b>	<b>60.0</b>	<b>0</b>
NuTech 77A5AM	221.2			21.5	59.3	0	C.V.	5.3	5.7	7.7	3.5	1.0	0
Stewart 18DP682	220.7			20.5	59.0	0	LSD	22.8	16.6	18.0	1.4	1.1	0
Local Seed LC1707 VT2P	220.2	212.1		21.1	62.7	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 16, 2021; Harvested: September 30, 2021. Soil type: Sadler silt loam; Previous crop: Soybean; Fertilizer: 220/50/100.						
FS InVISION 6818V RIB	218.8			21.1	62.4	0							
Warren Seed DS 5676	218.3	209.4		20.8	60.5	0							
Dyna-Gro D58VC65	216.3	215.6	205.1	20.2	60.9	0							
Pioneer P1847AML	214.3	216.3	204.2	23.0	60.2	0							

**Table 4C. Breckinridge County, conventional, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21			
Partners Brand PB 8336C	215.8			19.4	58.9	0
FS InVISION 62Z00	214.8			19.0	58.9	0
Croplan 5290	200.7			19.5	61.3	0
Croplan 5340	195.9			19.4	60.4	0
Armor 1500	195.9			20.1	60.3	0
FS InVISION 63Z00	193.6			19.2	62.0	0
Biominerals YCN-2	191.2	201.5		20.4	62.5	0
Dyna-Gro D53CC33	190.1			18.1	59.9	0
Partners Brand PB 8335C	189.8			18.5	59.5	0
Biominerals-OCN	176.2			20.1	62.3	0
Biominerals YCN-1	159.7			19.7	62.4	0
<b>Average</b>	<b>193.9</b>	<b>201.5</b>		<b>19.5</b>	<b>60.9</b>	<b>0</b>
C.V.	5.2	5.5		1.6	0.7	0
LSD	20.8	15.0		0.6	0.9	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 16, 2021; Harvested: September 30, 2021.  
Soil type: Sadler silt loam; Previous crop: Soybean; Fertilizer: 220/50/100.

**Table 4W. Breckinridge County, white, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21			
DEKALB DKC63-00RIB	204.8			20.5	60.2	0
DEKALB DKC64-00RIB	195.8			21.9	59.1	0
DEKALB DKC62-00RIB	175.8			17.7	69.1	1
Hybrid85 H-3203W	170.8			22.2	57.2	0
Pioneer P1656WAM	161.6			21.3	60.8	0
<b>Average</b>	<b>178.3</b>			<b>20.2</b>	<b>61.4</b>	<b>0</b>
C.V.	5.5			8.0	11.7	195
LSD	23.9			3.7	16.2	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 16, 2021; Harvested: September 30, 2021.  
Soil type: Sadler silt loam; Previous crop: Soybean; Fertilizer: 220/50/100.

**Table 5. Breckinridge County, weather, 2021.**

	Monthly Precipitation (in)	Temperature Average
March	6.1	50.6
April	4	54.7
May	4.1	62.5
June	4.9	74.3
July	4.7	75.5
August	6.3	76.7
September	6.8	69.9

**Table 6E. Butler County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGM (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGM (%)
	2021	20-21	19-21					2021	20-21	19-21			
Warren Seed DS 5018	280.1	248.2	233.1	20.6	59.1	0	Channel 210-46VT2PRIB	244.7			22.4	58.5	0
NuTech 68A7AM	274.1	254.5		20.9	58.2	0	Stewart 11DT792	244.1			22.7	55.6	0
Warren Seed DS 4878	274.0			20.9	58.2	0	Dyna-Gro D51VC67	242.5			21.9	58.0	0
Croplan 4930	266.1			21.9	58.5	0	LG Seeds LG62C52TRC	239.3			22.8	57.5	0
AgriGold A639-70STXRIB	261.4	262.1		21.7	58.7	0	Local Seed LC1009 VT2P	237.5			21.5	58.0	0
DEKALB DKC59-82RIB	258.0	255.3		23.6	56.4	0	NK Seeds NK1082-3220A.0-EZ1	233.0			23.0	57.4	0
Seed Consultants SC1112AM	257.0			21.5	58.2	0	Partners Brand PB 8071	230.7			22.3	55.9	0
Beck's 5994V2P	255.3			21.0	59.7	0	Beck's 6112 V2P	216.3			21.8	58.6	0
NuTech 70A8AM	254.7	254.1		22.8	58.9	0	Partners Brand PB 7881	181.0			22.3	58.2	0
Stewart 09DD140	250.4	250.3	228.6	22.1	56.2	0	<b>Average</b>	<b>247.3</b>	<b>251.9</b>	<b>230.3</b>	<b>22.2</b>	<b>58.0</b>	<b>0</b>
Stewart 09DP409	250.2	249.6		22.3	57.6	0	C.V.	4.2	4.4	6.5	3.6	1.4	0
Croplan 5073	249.7			23.0	57.2	0	LSD	20.4	14.8	17.3	1.6	1.6	0
Pioneer P1077AML	248.7	241.8		22.9	58.6	0	Shaded cells are not significantly different from top yield (0.10). Planted: May 13, 2021; Harvested: October 11, 2021. Soil type: Grigsby fine sandy loam; Previous crop: Soybean; Fertilizer: 215/81/147.						
Brevant Seeds B09Z08AM	248.5			22.4	59.6	0							
ARMOR A1029	248.1	250.6	225.6	22.6	58.8	0							
FS InVISION FS 6194V RIB	246.0	252.1	233.9	22.5	58.6	0							

**Table 6M. Butler County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGM (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGM (%)
	2021	20-21	19-21					2021	20-21	19-21			
Warren Seed DS 5250	270.5			20.8	58.7	0	DEKALB DKC65-99RIB	245.8	230.8	217.9	22.2	59.4	0
Stewart 15DP519	263.2	256.5	237.0	21.7	59.1	0	Wyffels W7876RIB	245.0	237.4		21.5	58.6	0
AgriGold A6544VT2RIB	262.7	251.4	236.4	23.1	58.5	0	Local Seed LC1289 VT2PRIB	244.4	239.3	229.2	20.5	58.4	0
Stewart 13DT962	262.3			21.6	58.9	0	Local Seed LC1398VT2P	242.8	233.1		20.8	60.3	0
NuTech 72D4AM	262.0			20.8	58.3	0	LG Seeds LG 64C20-3220	242.7			20.3	59.6	0
FS InVISION FS 6306T RIB	260.3	259.4		21.6	59.5	0	Partners Brand PB 8336	241.6			21.6	58.7	0
Channel 214-78DGV2PRIB	258.9	256.7		20.7	59.0	0	Warren Seed DS 5323	241.2			22.8	59.0	0
ARMOR A1575	258.5	249.0	222.3	22.4	58.9	0	DEKALB DKC62-53RIB	239.6	244.5	230.2	21.8	59.9	0
DEKALB DKC63-91RIB	258.4	241.2	230.7	21.7	56.8	0	Brevant Seeds B13A10AM	238.9			21.2	57.5	0
Dyna-Gro D55VC80	257.5	247.7		22.3	58.8	0	ARMOR A1299	238.4	235.7	224.1	21.7	58.3	0
Local Seed LC1497DGV2P	257.0	238.5		21.7	60.1	0	NuTech 74B6AM	238.0	231.2		22.2	59.1	0
Pioneer P1464AML	256.8			23.2	59.1	0	AgriGold A642-47STX	237.1	229.4		22.6	58.5	0
Stewart 13DD360	256.5	243.0	227.7	22.1	58.6	0	Local Seed LC1577 VT2PRIB	237.0	217.6	209.1	22.8	60.0	0
Beck's 6374V2P	255.8	242.2		21.1	58.6	0	Brevant Seeds B15H98AM	236.9	223.9		22.9	59.5	0
Beck's 6414V2P	255.8	253.5		22.6	60.3	0	NuTech 74F3AM	236.6			22.3	58.5	0
DEKALB DKC62-70RIB	255.2			22.5	61.0	0	Local Seed LC1307TC	236.3	247.4		21.4	59.6	0
Croplan 5550	254.6			21.6	59.4	0	Local Seed LC1506 VT2P	235.9	240.5		20.6	63.1	0
NuTech 74A9AM	254.3			22.0	59.2	0	Partners Brand PB 8335	235.7			22.1	58.5	0
Croplan 5497	254.2			21.9	59.5	0	Beck's 6557V2P	231.9	238.2		23.0	59.5	0
LG Seeds LG5643VT2RIB	254.0		232.7	22.8	56.9	0	FS InVISION FS 6395VDG RIB	231.0	228.9		21.2	60.3	0
Seed Consultants SC1122Q	253.1			22.0	58.6	0	NK Seeds NK1460-5222.0-EZ1	227.5			22.8	56.1	0
AgriGold A643-52VT2PRO	253.1			21.5	60.1	0	FS InVISION FS 6595V RIB	225.8	230.8	219.0	22.1	58.9	0
Local Seed LC1407 VT2P	251.0			21.8	59.1	0	AgriGold A642-59VT2RIB	225.1	230.5	222.4	20.7	59.1	0
FS InVISION FS 62ZV1 RIB	250.8	237.4	226.1	21.8	59.2	0	NK Seeds NK1523-3220.0-EZ1	216.8			23.2	57.0	0
DEKALB DKC63-57RIB	250.6	238.6	227.3	22.3	59.5	0	Brevant Seeds B14J04AM	212.8	215.0		22.1	60.0	0
Warren Seed DS 5510	249.7	230.6	211.5	23.2	60.3	0	<b>Average</b>	<b>246.2</b>	<b>238.9</b>	<b>225.6</b>	<b>21.9</b>	<b>59.1</b>	<b>0</b>
DEKALB DKC65-95RIB	247.6	242.7	220.4	21.5	60.2	0	C.V.	6.3	7.7	8.4	2.4	1.4	0
AgriGold A645-16VT2PRO	247.6	237.8	230.9	22.1	58.5	0	LSD	29.9	25.1	16.7	1.0	1.7	0
Channel 215-60TRERIB	247.3	248.2	233.9	21.3	57.7	0	Shaded cells are not significantly different from top yield (0.10). Planted: May 13, 2021; Harvested: October 11, 2021. Soil type: Grigsby fine sandy loam; Previous crop: Soybean; Fertilizer: 215/81/147.						
Dyna-Gro D54VC14	246.0		224.0	22.3	59.5	0							

**Table 6L. Butler County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Croplan 5678	267.9			23.5	59.5	0	Wyffels W8936DGRIB	242.9	238.6		23.1	59.1	0
Stewart 18DP682	264.7			25.2	56.5	0	Stewart 17DP781	242.4	238.7		26.4	55.4	0
Channel 217-01VT2PRIB	264.1			22.5	58.0	0	LG Seeds LG 66C28-3220	237.3			22.6	58.4	0
DEKALB DKC67-44 RIB	262.7	251.8	240.5	22.6	60.0	0	Local Seed LC1898TC	235.7	229.0		22.0	59.5	0
DEKALB DKC70-27RIB	260.1	245.3	222.7	24.7	57.0	0	Local Seed LC1919 VT2P	235.6			23.5	59.9	0
DEKALB DKC66-18RIB	258.8	252.8	242.9	22.7	59.1	0	Seed Consultants SC1188AM	235.2	223.0	219.3	25.3	58.4	0
LG Seeds LG66C44VT2PRO	258.1	241.0		22.4	58.2	0	FS InVISION FS 6606T RIB	234.3	234.1		23.6	56.9	0
Dyna-Gro D58VC65	257.4	248.2	231.1	23.4	58.7	0	AgriGold A647-42TRC	232.1	236.8		23.8	56.8	0
FS InVISION 6818V RIB	255.6			23.1	61.4	0	AgriGold A647-90VT2RIB	230.3	236.5		23.4	59.5	0
Seed Consultants SC1170AM	254.6	248.2	230.7	23.8	58.1	0	Local Seed LC1616 TC	228.4			22.8	60.4	0
Brevant Seeds B17Z18AM	251.4			23.9	58.1	0	<b>Average</b>	<b>248.9</b>	<b>237.9</b>	<b>228.6</b>	<b>23.3</b>	<b>58.6</b>	<b>0</b>
DEKALB DKC67-94RIB	251.3			23.6	58.7	0	C.V.	5.9	6.2	6.5	2.6	1.5	0
NuTech 77A5AM	250.2			23.8	57.5	0	LSD	28.9	20.5	17.1	1.2	1.7	0
Warren Seed DS 5676	250.1	236.1		23.5	59.2	0	Shaded cells are not significantly different from top yield (0.10). Planted: May 13, 2021; Harvested: October 11, 2021. Soil type: Grigsby fine sandy loam; Previous crop: Soybean; Fertilizer: 215/81/147.						
Pioneer P1847AML	243.9	222.3	213.4	25.1	59.2	0							
Local Seed LC1707 VT2P	243.6	223.5		22.9	61.3	0							

**Table 6C. Butler County, conventional, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21				
Croplan 5340	257.2			23.8	59.1	0
FS InVISION 62Z00	255.2			22.3	58.5	0
Partners Brand PB 8336C	250.3			22.0	57.8	0
FS InVISION 63Z00	241.7			22.3	60.9	0
Partners Brand PB 8335C	237.8			21.5	57.6	0
Dyna-Gro D53CC33	235.6			22.4	58.1	0
Croplan 5290	234.7			21.6	60.1	0
Biominerals YCN-2	233.9	212.4		22.5	60.9	0
Armor 1500	223.0			22.2	58.2	0
Biominerals YCN-1	222.2			23.4	60.5	0
Biominerals OCN	206.3			23.1	61.1	0
<b>Average</b>	<b>234.9</b>	<b>212.4</b>	<b>22.5</b>	<b>59.4</b>	<b>0</b>	
C.V.	5.3	7.6	2.1	1.4	0	
LSD	25.7	24.6	1.0	1.7	0	

Shaded cells are not significantly different from top yield (0.10).  
Planted: May 13, 2021; Harvested: October 11, 2021.  
Soil type: Grigsby fine sandy loam; Previous crop: Soybean; Fertilizer: 215/81/147.

**Table 6W. Butler County, white, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021					
DEKALB DKC62-00RIB	253.0			24.9	57.9	0
DEKALB DKC63-00RIB	243.8			23.2	58.8	0
DEKALB DKC64-00RIB	239.4			24.5	58.1	0
Pioneer P1656WAM	238.2			22.6	60.2	0
Hybrid85 H-3203W	190.1			23.2	57.7	0
<b>Average</b>	<b>233.9</b>	<b>23.3</b>	<b>59.2</b>	<b>0</b>		
C.V.	4.3	3.2	1.3	0		
LSD	22.5	1.7	1.7	0		

Shaded cells are not significantly different from top yield (0.10).  
Planted: May 13, 2021; Harvested: October 11, 2021.  
Soil type: Grigsby fine sandy loam; Previous crop: Soybean; Fertilizer: 215/81/147.

**Table 7. Butler County, weather, 2021.**

	Monthly Precipitation (in)	Temperature Average
March	4.9	51.1
April	3	54.8
May	4.7	63
June	5.1	74.9
July	4.8	76.1
August	8.7	77
September	2.7	68.8



**Table 8E. Caldwell County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGD (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGD (%)
	2021	20-21	19-21					2021	20-21	19-21			
Stewart 11DT792	279.7			17.0	57.3	0	DEKALB DKC59-82RIB	251.0	235.5		16.8	57.2	0
Brevant Seeds B09Z08AM	279.3			17.7	59.3	0	Stewart 09DP409	250.4	231.9		16.7	57.4	0
NuTech 68A7AM	277.0	257.3		17.0	57.8	0	ARMOR A1029	245.4	232.3	226.0	17.4	58.0	0
Channel 210-46VT2PRIB	275.8			17.6	59.4	0	Pioneer P1077AML	244.6	230.4		17.5	59.5	0
Beck's 5994V2P	274.6			16.9	58.7	0	LG Seeds LG62C52TRC	242.2			18.0	59.3	0
NuTech 70A8AM	271.8	263.8		17.3	59.6	0	Beck's 6112 V2P	241.9			16.6	59.0	0
Warren Seed DS 4878	271.8			16.7	58.3	0	Local Seed LC1009 VT2P	239.5			16.2	57.7	0
FS InVISION FS 6194V RIB	271.7	247.2	236.0	17.3	58.7	0	Partners Brand PB 7881	234.0			17.1	58.5	0
Croplan 4930	269.4			17.0	58.7	0	Partners Brand PB 8071	230.9			16.6	57.4	0
Croplan 5073	269.0			17.2	58.8	0	<b>Average</b>	<b>259.6</b>	<b>244.5</b>	<b>235.7</b>	<b>17.0</b>	<b>58.4</b>	<b>0</b>
NK Seeds NK1082-3220A.0-EZ1	266.2			16.8	57.5	0	C.V.	7.2	6.7	9.1	1.7	1.7	0
AgriGold A639-70STXRIB	264.1	255.4		17.4	58.1	0	LSD	36.7	22.8	24.9	0.6	1.9	0
Warren Seed DS 5018	262.2	251.5	239.8	15.9	58.4	0							
Dyna-Gro D51VC67	261.5			17.0	58.7	0							
Seed Consultants SC1112AM	260.9			18.3	59.2	0							
Stewart 09DD140	256.6	239.3	241.0	15.8	57.2	0							

Shaded cells are not significantly different from top yield (0.10).  
 Planted: May 12, 2021; Harvested: October 13, 2021.  
 Soil type: Crider silt loam; Previous crop: Soybean; Fertilizer: 184/0/70.

**Table 8M. Caldwell County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGD (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGD (%)
	2021	20-21	19-21					2021	20-21	19-21			
Dyna-Gro D54VC14	280.4		270.5	19.0	61.6	0	Local Seed LC1307TC	251.0	242.5		17.7	60.0	0
Brevant Seeds B13A10AM	278.9			17.8	60.2	1	Local Seed LC1398VT2P	249.2	249.5		18.4	61.2	0
Channel 215-60TRERIB	278.8	257.8	256.8	18.2	59.4	0	AgriGold A642-47STX	249.1	241.2		20.0	60.6	1
Brevant Seeds B15H98AM	270.7	256.9		19.5	62.4	0	Wyffels W7876RIB	247.1	237.0		17.4	60.4	0
AgriGold A6544VT2RIB	269.9	254.2	254.1	18.5	60.4	1	Partners Brand PB 8335	246.7			17.3	59.8	0
Local Seed LC1407 VT2P	267.8			18.4	61.4	0	Warren Seed DS 5510	246.6	243.7	247.7	19.3	62.0	1
DEKALB DKC65-99RIB	265.6	257.4	258.0	19.2	61.3	0	Pioneer P1464AML	246.4			18.3	61.3	0
Warren Seed DS 5250	265.4			18.0	60.2	1	Local Seed LC1289 VT2PRIB	246.0	241.0	245.1	17.4	59.9	0
Beck's 6414V2P	265.4	252.6		18.3	62.1	0	Croplan 5497	245.9			17.6	61.4	0
Channel 214-78DGV2PRIB	264.6	266.0		19.0	59.6	0	DEKALB DKC63-91RIB	245.2	237.2	245.0	16.9	58.7	0
LG Seeds LG5643VT2RIB	263.8		254.0	18.6	60.2	0	ARMOR A1575	245.1	241.5	243.5	18.8	60.5	0
Seed Consultants SC1122Q	262.3			18.2	60.7	0	LG Seeds LG 64C20-3220	244.0			17.0	59.5	0
NuTech 72D4AM	262.1			17.9	60.5	0	Brevant Seeds B14J04AM	243.8	236.9		18.7	60.8	0
AgriGold A645-16VT2PRO	261.9	245.8	240.0	18.5	60.3	0	NK Seeds NK1523-3220.0-EZ1	243.8			18.5	60.1	0
Stewart 13DD360	260.6	231.3	242.9	17.9	59.3	0	FS InVISION FS 62ZV1 RIB	243.6	242.5	247.9	17.5	60.0	0
NuTech 74F3AM	260.4			18.1	60.5	0	FS InVISION FS 6306T RIB	242.6	242.1		17.4	60.2	0
Stewart 13DT962	260.3			18.2	60.3	0	Stewart 15DP519	241.8	241.9	246.4	18.2	60.7	0
ARMOR A1299	259.5	241.6	242.0	17.5	60.3	0	Beck's 6557V2P	241.3	237.4		17.9	60.6	3
NuTech 74A9AM	258.9			17.6	59.7	0	AgriGold A642-59VT2RIB	241.0	239.7	243.8	17.5	60.3	0
Dyna-Gro D55VC80	258.2	255.8		18.5	60.7	0	FS InVISION FS 6395VDG RIB	238.3	224.7		17.2	59.9	0
Local Seed LC1497DGV2P	257.0	234.0		17.2	60.9	0	DEKALB DKC62-70RIB	237.9			18.9	61.8	0
DEKALB DKC63-57RIB	255.7	232.0	236.2	18.1	60.8	0	Local Seed LC1506 VT2P	237.5	245.7		18.2	63.0	0
FS InVISION FS 6595V RIB	255.3	242.8	245.3	18.4	60.2	0	NK Seeds NK1460-5222.0-EZ1	233.3			17.4	58.2	0
DEKALB DKC65-95RIB	254.5	246.7	247.7	18.8	62.1	0	Partners Brand PB 8336	230.1			17.4	60.0	0
Beck's 6374V2P	254.5	229.6		17.2	60.2	0	DEKALB DKC62-53RIB	227.9	224.1	233.0	16.8	59.9	0
Local Seed LC1577 VT2PRIB	254.3	248.3	249.2	18.7	61.9	0	<b>Average</b>	<b>253.0</b>	<b>243.2</b>	<b>247.5</b>	<b>18.1</b>	<b>60.6</b>	<b>0</b>
NuTech 74B6AM	254.2	239.4		18.8	61.5	0	C.V.	4.9	6.6	6.7	1.9	0.8	357
Croplan 5550	253.8			17.9	59.9	0	LSD	23.7	21.8	14.1	0.7	1.0	2
Warren Seed DS 5323	252.0			19.4	61.5	0							
AgriGold A643-52VT2PRO	251.6			18.0	61.5	0							

Shaded cells are not significantly different from top yield (0.10).  
 Planted: May 12, 2021; Harvested: October 13, 2021.  
 Soil type: Crider silt loam; Previous crop: Soybean; Fertilizer: 184/0/70.

**Table 8L. Caldwell County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
DEKALB DKC70-27RIB	268.6	255.2	245.8	19.5	61.8	0	Warren Seed DS 5676	249.5	249.0		19.8	61.5	0
NuTech 77A5AM	266.9			19.1	59.9	0	FS InVISION FS 6606T RIB	249.2	238.4		18.4	59.3	0
Channel 217-01VT2PRIB	265.8			18.0	60.7	0	DEKALB DKC67-44 RIB	247.8	241.6	243.4	19.0	61.3	0
LG Seeds LG66C44VT2PRO	265.1	239.1		18.7	60.5	0	FS InVISION 6818V RIB	244.2			19.5	62.9	2
Brevant Seeds B17Z18AM	264.5			19.0	59.8	0	DEKALB DKC66-18RIB	243.4	231.5	237.8	18.4	59.7	0
Local Seed LC1898TC	261.7	249.8		18.9	62.0	0	Local Seed LC1919 VT2P	241.9			20.6	61.6	0
Stewart 17DP781	259.8	236.3		20.8	59.4	0	Stewart 18DP682	241.4			19.4	60.2	0
Local Seed LC1707 VT2P	256.6	236.7		19.6	61.6	0	Wyffels W8936DGRIB	239.7	241.1		18.5	60.6	0
Croplan 5678	255.9			19.0	61.9	0	AgriGold A647-90VT2RIB	234.2	222.7		19.1	62.2	0
AgriGold A647-42TRC	255.6	240.4		18.0	59.4	0	Local Seed LC1616 TC	226.2			20.1	61.9	0
DEKALB DKC67-94RIB	255.3			18.8	60.9	0	<b>Average</b>	<b>254.3</b>	<b>240.7</b>	<b>243.7</b>	<b>19.0</b>	<b>60.8</b>	<b>0</b>
Pioneer P1847AML	253.2	246.2	249.0	21.3	61.2	1	C.V.	5.6	6.6	6.0	2.6	1.4	474
Dyna-Gro D58VC65	252.3	241.4	248.8	18.7	61.5	0	LSD	27.7	22.1	16.2	1.0	1.7	1
Seed Consultants SC1188AM	251.4	239.7	235.7	20.1	61.9	0	Shaded cells are not significantly different from top yield (0.10)						
LG Seeds LG 66C28-3220	251.0			19.5	60.8	1	Planted: May 12, 2021; Harvested: October 13, 2021						
Seed Consultants SC1170AM	250.5	241.4	245.0	17.9	61.1	0	Soil type: Crider silt loam; Previous crop: Soybean; Fertilizer: 184/0/70						

**Table 8C. Caldwell County, conventional, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
Croplan 5290	257.5		17.1	61.7	0
Dyna-Gro D53CC33	248.7		16.1	59.9	0
Biomineral-OCN	245.3		17.7	63.0	0
Biomineral YCN-2	245.3	228.8	17.6	63.3	0
Partners Brand PB 8335C	245.0		16.3	60.0	0
FS InVISION 62Z00	241.5		16.5	59.6	0
Biomineral YCN-1	241.4		17.5	63.4	0
FS InVISION 63Z00	240.7		17.2	62.2	0
Croplan 5340	233.2		16.8	60.8	0
Armor 1500	230.7		18.1	60.8	0
Partners Brand PB 8336C	230.3		16.5	59.3	0
<b>Average</b>	<b>242.7</b>	<b>228.8</b>	<b>17.1</b>	<b>61.4</b>	<b>0</b>
C.V.	5.0	9.8	1.4	0.7	0
LSD	24.7	33.0	0.5	0.9	0

Shaded cells are not significantly different from top yield (0.10)  
 Planted: May 12, 2021; Harvested: October 13, 2021  
 Soil type: Crider silt loam; Previous crop: Soybean; Fertilizer: 184/0/70

**Table 8W. Caldwell County, white, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
DEKALB DKC62-00RIB	248.7		18.8	59.9	1
Pioneer P1656WAM	248.6		18.1	62.5	0
DEKALB DKC64-00RIB	246.8		19.0	61.1	0
DEKALB DKC63-00RIB	245.7		18.5	60.4	0
Hybrid85 H-3203W	213.1		18.7	60.0	2
<b>Average</b>	<b>242.7</b>	<b>18.4</b>	<b>61.0</b>	<b>0</b>	<b>0</b>
C.V.	3.7	2.2	0.8	239	
LSD	20.5	0.9	1.1	4	

Shaded cells are not significantly different from top yield (0.10)  
 Planted: May 12, 2021; Harvested: October 13, 2021  
 Soil type: Crider silt loam; Previous crop: Soybean; Fertilizer: 184/0/70

**Table 9. Caldwell County, weather, 2021.**

	Monthly Precipitation (in)	Temperature Average
March	5.3	52
April	4.7	56
May	4.3	63.6
June	6.9	74.8
July	7	76.6
August	3.1	77
September	2.6	69.7

**Table 10E. Daviess County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
ARMOR A1029	319.0	293.7	267.0	15.4	60.8	8	LG Seeds LG62C52TRC	293.5			17.0	60.5	2
FS InVISION FS 6194V RIB	310.8			16.8	60.5	0	Local Seed LC1009 VT2P	291.1			17.2	60.9	0
Stewart 09DD140	310.4			17.2	60.5	0	Partners Brand PB 7881	290.9	272.6		16.6	60.5	6
Seed Consultants SC1112AM	307.6			17.3	60.2	0	Partners Brand PB 8071	290.8	271.2		17.2	60.9	0
Warren Seed DS 5018	305.0			16.2	59.8	0	Stewart 11DT792	289.5			16.8	60.8	2
AgriGold A639-70STXRIB	303.9	276.9		16.2	60.0	0	Warren Seed DS 4878	289.4			16.6	59.8	2
DEKALB DKC59-82RIB	301.6			16.3	59.3	0	Croplan 4930	281.3			16.1	60.6	0
NuTech 68A7AM	301.0			17.1	61.1	0	Croplan 5073	279.8			17.5	60.7	1
NuTech 70A8AM	300.7			16.6	60.3	2	NK Seeds NK1082-3220A.0-EZ1	272.7			16.3	58.8	0
Pioneer P1077AML	299.1	280.2	261.8	16.9	60.6	0	Beck's 6112 V2P	267.1			16.7	59.0	2
Stewart 09DP409	298.0	275.2		17.0	60.6	0	<b>Average</b>	<b>295.1</b>	<b>277.3</b>	<b>262.1</b>	<b>16.7</b>	<b>60.2</b>	<b>1</b>
Beck's 5994V2P	297.9			17.0	60.7	5	C.V.	3.8	4.7	6.4	2.1	0.9	248
Brevant Seeds B09Z08AM	296.4	277.3		16.7	59.9	2	LSD	21.9	18.2	19.8	0.7	1.1	8
Channel 210-46VT2PRIB	296.0	271.0	260.9	15.8	59.1	1	Shaded cells are not significantly different from top yield (0.10). Planted: April 27, 2021; Harvested: October 12, 2021. Soil type: Ashton silt loam; Previous crop: Soybean; Fertilizer: 185/92/120.						
Dyna-Gro D51VC67	295.9	277.8		17.0	60.1	1							

**Table 10M. Daviess County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Brevant Seeds B13A10AM	320.1			17.4	60.4	0	Local Seed LC1289 VT2PRIB	283.4	267.6	254.3	17.8	60.0	0
Local Seed LC1577 VT2PRIB	303.3	279.4	261.7	18.2	62.2	0	Stewart 15DP519	283.4	274.3	260.3	18.3	60.9	0
LG Seeds LG5643VT2RIB	302.9		272.8	17.3	60.2	0	AgriGold A645-16VT2PRO	282.5	278.5	267.5	17.9	61.4	0
Warren Seed DS 5510	302.2	285.8	268.7	18.0	62.4	0	Local Seed LC1307TC	282.4	245.5		17.4	60.8	0
DEKALB DKC63-91RIB	301.8	284.6	265.9	17.1	58.7	0	Seed Consultants SC1122Q	280.3			18.4	60.5	0
Warren Seed DS 5250	300.6			17.5	60.3	0	AgriGold A642-47STX	280.1	266.5		19.0	61.6	0
Channel 215-60TRERIB	300.1	285.3	271.3	17.5	59.4	0	ARMOR A1299	280.0	267.1	250.6	17.6	61.1	0
Stewart 13DT962	299.9			17.2	60.8	0	Warren Seed DS 5323	279.9			18.3	61.2	0
Channel 214-78DGV2PRIB	299.8	285.7		17.2	60.5	0	Brevant Seeds B14J04AM	279.7	266.2		18.4	60.2	1
AgriGold A6544VT2RIB	299.2	285.2	265.8	17.5	60.5	0	Local Seed LC1506 VT2P	278.8	273.2		17.9	63.6	0
Croplan 5497	298.7			17.7	61.6	1	Wyffels W7876RIB	278.7	272.1		17.8	60.6	0
FS InVISION FS 6395VDG RIB	298.2	277.5		17.3	60.6	0	Local Seed LC1398VT2P	277.5	270.0		17.5	61.6	0
Brevant Seeds B15H98AM	298.1	284.0		18.1	62.6	0	DEKALB DKC62-70RIB	277.3			17.9	61.8	0
Beck's 6414V2P	297.4	270.0		18.0	61.7	0	DEKALB DKC65-99RIB	277.2	272.2	257.0	18.0	61.1	0
NuTech 74A9AM	295.7			17.7	60.1	0	LG Seeds LG 64C20-3220	276.5			15.8	59.4	0
Stewart 13DD360	295.7	281.9	267.1	17.4	59.4	0	DEKALB DKC65-95RIB	275.8	261.8	254.6	18.2	62.0	0
ARMOR A1575	293.3	280.2	265.0	17.6	60.8	0	Partners Brand PB 8335	275.4			17.6	60.2	0
Croplan 5550	292.6			17.5	60.2	0	FS InVISION FS 6595V RIB	275.4	273.1	261.4	17.8	60.8	0
NuTech 74F3AM	292.5			17.9	60.7	0	Beck's 6557V2P	275.3	263.3		18.7	60.7	0
Dyna-Gro D55VC80	291.1	276.9		18.0	60.9	0	Local Seed LC1407 VT2P	274.8			18.1	61.6	0
NuTech 74B6AM	290.5	273.3		18.0	60.8	0	Beck's 6374V2P	274.5	252.8		17.3	61.0	0
FS InVISION FS 6306T RIB	288.2	269.5		17.6	60.7	0	NK Seeds NK1523-3220.0-EZ1	272.5			18.1	59.8	0
AgriGold A643-52VT2PRO	288.2			17.4	62.0	0	FS InVISION FS 62ZV1 RIB	268.4	263.2	250.6	17.3	61.1	0
NuTech 72D4AM	288.1			17.3	59.9	0	NK Seeds NK1460-5222.0-EZ1	265.4			18.4	57.9	0
DEKALB DKC63-57RIB	288.0	278.2	264.0	17.6	60.6	0	<b>Average</b>	<b>287.4</b>	<b>274.1</b>	<b>262.1</b>	<b>17.7</b>	<b>60.8</b>	<b>0</b>
Dyna-Gro D54VC14	287.8		257.0	18.4	61.7	0	C.V.	4.1	4.2	5.8	2.0	1.0	505
Local Seed LC1497DGV2P	287.6	276.2		17.6	61.1	0	LSD	22.7	15.8	13.3	0.7	1.1	1
AgriGold A642-59VT2RIB	286.8	275.1	268.0	16.9	60.7	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 27, 2021; Harvested: October 12, 2021. Soil type: Ashton silt loam; Previous crop: Soybean; Fertilizer: 185/92/120.						
Pioneer P1464AML	286.4			18.5	61.0	0							
Partners Brand PB 8336	285.2			17.6	60.2	0							
DEKALB DKC62-53RIB	284.8	273.4	259.1	17.8	59.8	0							

**Table 10L. Daviess County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGI (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGI (%)
	2021	20-21	19-21					2021	20-21	19-21			
DEKALB DKC66-18RIB	296.7	278.2	263.9	18.2	61.4	0	Warren Seed DS 5676	271.7	270.5		20.1	61.0	0
FS InVISION FS 6606T RIB	294.6	283.8		19.1	58.6	0	Seed Consultants SC1188AM	270.4	262.4	247.9	19.8	61.2	1
NuTech 77A5AM	293.4			18.8	60.6	0	Pioneer P1847AML	269.6	262.5	253.5	20.7	61.1	1
Channel 217-01VT2PRIB	291.3			17.8	60.8	0	FS InVISION 6818V RIB	269.6			19.9	62.8	1
Seed Consultants SC1170AM	288.6	280.1	261.8	18.8	60.3	0	Croplan 5678	267.7			19.0	62.0	0
AgriGold A647-42TRC	288.6	273.7		18.6	59.0	0	DEKALB DKC67-94RIB	261.9			18.8	60.7	0
Brevant Seeds B17Z18AM	288.3			18.9	60.3	0	Local Seed LC1898TC	261.9	254.9		18.6	62.3	0
Stewart 18DP682	286.2			18.5	58.9	0	Local Seed LC1919VT2P	258.2			20.2	62.4	0
LG Seeds LG66C44VT2PRO	285.1	271.2		18.6	60.7	0	Local Seed LC1616TC	256.7			19.6	62.7	0
Wyffels W8936DGRIB	284.1	275.3		19.2	61.2	0	AgriGold A647-90VT2RIB	250.8	246.1		19.7	62.1	1
Local Seed LC1707 VT2P	278.8	261.5		19.1	63.1	0	<b>Average</b>	<b>278.5</b>	<b>268.2</b>	<b>254.5</b>	<b>18.9</b>	<b>60.9</b>	<b>0</b>
DEKALB DKC67-44 RIB	277.9	270.0	262.6	18.4	62.0	0	C.V.	4.5	4.9	6.9	1.8	0.8	198
DEKALB DKC70-27RIB	276.9	259.4	250.8	19.7	60.6	0	LSD	24.5	18.3	20.4	0.7	1.0	1
Dyna-Gro D58VC65	276.5	267.3	241.2	19.0	61.4	1	Shaded cells are not significantly different from top yield (0.10). Planted: April 27, 2021; Harvested: October 12, 2021. Soil type: Ashton silt loam; Previous crop: Soybean; Fertilizer: 185/92/120.						
Stewart 17DP781	275.4	274.6		19.9	59.5	0							
LG Seeds LG 66C28-3220	274.6			17.3	59.6	2							

**Table 10C. Daviess County conventional, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODGI (%)
	2021	2020-21			
BioMineral YCN-2	282.6	254.2	18.7	63.3	0
Dyna-Gro D53CC33	278.8		17.4	60.1	0
BioMineral YCN-1	276.5		18.1	63.5	0
Partners Brand PB 8335C	275.8		18.0	59.8	0
Partners Brand PB 8336C	270.9		18.1	60.4	0
FS InVISION 63Z00	268.5		18.8	62.7	1
FS InVISION 62Z00	268.0		18.1	60.5	0
Croplan 5340	262.9		19.4	62.4	0
BioMineral-OCN	260.3		18.5	63.2	1
Croplan 5290	252.5		18.3	61.3	0
Armor 1500	243.2		19.0	61.8	1
<b>Average</b>	<b>267.8</b>	<b>254.2</b>	<b>18.4</b>	<b>61.9</b>	<b>0</b>
C.V.	3.1	3.4	1.8	1.0	261
LSD	17.0	12.6	0.7	1.2	2

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 27, 2021; Harvested: October 12, 2021.  
Soil type: Ashton silt loam; Previous crop: Soybean; Fertilizer: 185/92/120.

**Table 10W. Daviess County, white, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODGI (%)
	2021	2020-21			
DEKALB DKC62-00RIB	277.1		20.3	60.5	2
DEKALB DKC64-00RIB	275.5		20.0	61.7	0
Pioneer P1656WAM	265.8		18.6	63.5	2
DEKALB DKC63-00RIB	253.9		19.3	62.0	0
Hybrid85 H-3203W	215.8		18.6	59.6	1
<b>Average</b>	<b>260.7</b>		<b>19.0</b>	<b>61.6</b>	<b>0</b>
C.V.	3.3		1.6	0.7	212
LSD	20.4		0.7	0.9	5

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 27, 2021; Harvested: October 12, 2021.  
Soil type: Ashton silt loam; Previous crop: Soybean; Fertilizer: 185/92/120.

**Table 11. Daviess County, weather, 2021.**

	Monthly Precipitation (in)	Irrigation	Temperature Average
March	4.8	0	49.2
April	1.9	0	55
May	3.4	0	63.4
June	4.3	0	74.3
July	4.1	3.5	75.6
August	3.5	2.5	76.6
September	2	0	69.7



**Table 12E. Fayette County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Warren Seed DS 5018	230.4	170.8	161.7	19.3	57.3	0	NuTech 70A8AM	198.4	159.9		21.0	58.7	0
Warren Seed DS 4878	225.6			20.4	57.1	0	Dyna-Gro D51VC67	198.0			20.7	57.2	0
Croplan 5073	225.3			22.0	58.6	0	FS InVISION FS 6194V RIB	197.1	167.3	165.8	19.9	58.6	0
Stewart 09DD140	224.6	172.8	172.2	20.3	55.8	0	NK Seeds NK1082-3220A.0-EZ1	193.6			18.9	56.8	0
NuTech 68A7AM	223.4	184.9		19.7	57.5	0	Stewart 09DP409	190.6	169.1		23.0	55.1	0
Croplan 4930	222.2			20.7	58.0	0	LG Seeds LG62C52TRC	187.9			22.8	57.2	0
Seed Consultants SC1112AM	215.0			20.4	58.4	0	Partners Brand PB 8071	187.6			19.8	56.5	0
DEKALB DKC59-82RIB	212.3	169.7		21.0	56.2	0	Local Seed LC1009 VT2P	180.3			20.5	57.9	0
Beck's 5994V2P	209.9			19.8	57.8	0	Partners Brand PB 7881	177.0			19.9	57.5	0
Beck's 6112V2P	208.3			21.6	58.2	0	Brevant Seeds B09Z08AM	173.5			21.5	58.7	0
Channel 210-46VT2PRIB	202.4			20.0	58.6	0	<b>Average</b>	<b>202.9</b>	<b>168.1</b>	<b>166.3</b>	<b>20.7</b>	<b>57.4</b>	<b>0</b>
ARMOR A1029	202.2	165.6	165.6	20.3	57.9	0	C.V.	7.6	10.2	9.7	4.8	1.8	0
AgriGold A639-70STXRIB	200.8	166.3		21.9	56.9	0	LSD	30.3	25.3	20.8	2.0	2.0	0
Pioneer P1077AML	199.3	155.0		20.3	58.7	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 20, 2021; Harvested: October 5, 2021. Soil type: Lanton silt loam; Previous crop: Soybean; Fertilizer: 182/0/70.						
Stewart 11DT792	198.6			22.2	54.8	0							

**Table 12M. Fayette County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
NuTech 72D4AM	227.3			20.5	59.1	0	FS InVISION FS 62ZV1 RIB	199.1	164.6	171.1	20.3	59.0	0
Warren Seed DS 5250	225.1			19.9	57.9	0	Dyna-Gro D55VC80	199.0	172.8		20.9	58.8	0
Stewart 15DP519	222.3	187.5	190.9	21.4	58.9	0	Local Seed LC1407 VT2P	198.5			22.5	58.7	0
Brevant Seeds B13A10AM	221.3			20.5	58.2	0	Local Seed LC1398VT2P	197.5	176.1		20.9	58.9	0
Channel 215-60TRERIB	217.3	177.1	171.3	19.9	57.2	0	AgriGold A643-52VT2PRO	196.9			21.1	59.0	0
AgriGold A6544VT2RIB	216.6	179.3	183.2	21.8	57.4	0	Beck's 6557V2P	196.7	166.2		22.2	58.7	0
Channel 214-78DGV2PRIB	215.6	195.1		20.4	58.6	0	AgriGold A642-47STX	196.6	164.8		22.5	58.8	0
Partners Brand PB 8336	215.6			20.6	58.7	0	Local Seed LC1506 VT2P	196.4	155.0		21.2	61.6	0
Stewart 13DT962	215.2			20.1	57.6	0	Beck's 6414V2P	195.1	158.4		21.3	59.1	0
FS InVISION FS 6395VDG RIB	214.6	168.2		19.7	58.2	0	NuTech 74F3AM	195.0			21.9	57.9	0
Local Seed LC1497DGV2P	212.0	178.3		19.8	59.0	0	Warren Seed DS 5510	194.5	156.5	159.7	23.0	58.6	0
LG Seeds LG5643VT2RIB	211.7		193.7	21.7	57.1	0	Brevant Seeds B15H98AM	194.2	159.6		23.4	59.0	0
Stewart 13DD360	209.0	179.2	183.1	20.7	57.5	0	Beck's 6374V2P	193.9	160.0		20.6	57.8	0
Croplan 5550	208.8			20.6	58.0	0	AgriGold A642-59VT2RIB	193.6	152.6	164.9	19.4	58.6	0
Local Seed LC1307TC	208.5			20.1	58.2	0	Brevant Seeds B14J04AM	193.3	154.8		21.2	58.1	0
AgriGold A645-16VT2PRO	208.4	170.6	174.0	20.9	58.9	0	DEKALB DKC62-70RIB	192.5			21.5	59.7	0
Local Seed LC1289 VT2PRIB	207.5	167.7	171.4	19.5	58.8	0	Warren Seed DS 5323	188.7			21.3	57.8	0
Local Seed LC1577 VT2PRIB	207.4	161.8	164.4	21.0	59.6	0	Croplan 5497	188.2			21.8	58.5	0
Dyna-Gro D54VC14	205.7		184.1	21.1	59.5	0	NK Seeds NK1523-3220.0-EZ1	188.0			22.8	56.8	0
LG Seeds LG 64C20-3220	204.5			20.4	56.8	0	Partners Brand PB 8335	186.9			20.4	59.2	0
ARMOR A1575	204.3	176.8	183.2	22.0	57.4	0	Pioneer P1464AML	185.5			23.6	57.6	0
DEKALB DKC63-57RIB	204.3	184.7	184.8	20.4	59.5	0	ARMOR A1299	182.9	169.4	172.5	20.0	58.8	0
DEKALB DKC63-91RIB	203.9	176.0	171.7	20.7	56.7	0	NK Seeds NK1460-5222.0-EZ1	179.7			20.9	54.8	0
DEKALB DKC65-99RIB	202.4	173.2	174.7	20.4	59.1	0	DEKALB DKC62-53RIB	176.5	161.5	161.0	20.5	59.0	0
FS InVISION FS 6595V RIB	202.3	186.8	187.8	21.0	58.1	0	NuTech 74B6AM	173.0	146.0		21.0	57.5	0
Wyffels W7876RIB	200.8	187.1		20.1	58.4	0	<b>Average</b>	<b>201.4</b>	<b>169.5</b>	<b>175.9</b>	<b>21.0</b>	<b>58.4</b>	<b>0</b>
NuTech 74A9AM	200.4			21.1	57.9	0	C.V.	7.3	11.1	11.2	3.4	1.1	0
DEKALB DKC65-95RIB	200.0	167.7	171.1	19.9	60.3	0	LSD	28.5	26.7	21.9	1.4	1.2	0
Seed Consultants SC1122Q	199.9			20.7	59.0	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 20, 2021; Harvested: October 5, 2021. Soil type: Lanton silt loam; Previous crop: Soybean; Fertilizer: 182/0/70.						
FS InVISION FS 6306T RIB	199.3	174.6		20.5	57.9	0							

**Table 12L. Fayette County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGE (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODGE (%)
	2021	20-21	19-21					2021	20-21	19-21			
AgriGold A647-42TRC	226.8	191.8		21.9	57.6	0	Local Seed LC1707 VT2P	196.5	161.7		22.3	61.0	0
Wyffels W8936DGRIB	214.7	198.1		22.3	58.6	0	LG Seeds LG 66C28-3220	195.4			21.5	57.6	0
Channel 217-01VT2PRIB	214.1			22.4	57.9	0	Stewart 17DP781	193.7	172.2		25.3	55.2	0
Stewart 18DP682	212.1			22.7	56.8	0	Local Seed LC1898TC	193.5	179.7		20.7	60.9	0
DEKALB DKC66-18RIB	211.7	175.6	182.0	21.0	58.9	0	Brevant Seeds B17Z18AM	192.5			22.8	59.5	0
FS InVISION 6818V RIB	207.4			22.3	60.9	0	DEKALB DKC70-27RIB	191.8	166.5	168.0	23.1	57.2	0
DEKALB DKC67-94RIB	207.2			22.0	58.1	0	Local Seed LC1616 TC	189.1			21.8	61.7	0
Seed Consultants SC1170AM	203.6	194.2	185.0	21.9	58.2	0	FS InVISION FS 6606T RIB	187.6	175.9		22.6	56.9	0
LG Seeds LG66C44VT2PRO	202.5	176.7		20.4	59.0	0	Warren Seed DS 5676	179.3	170.9		22.8	58.9	0
NuTech 77A5AM	201.8			22.6	57.8	0	Pioneer P1847AML	172.8	170.5	165.3	25.2	57.2	0
Dyna-Gro D58VC65	201.8	189.9	182.4	23.0	58.5	0	<b>Average</b>	<b>200.0</b>	<b>179.5</b>	<b>178.0</b>	<b>22.2</b>	<b>58.7</b>	<b>0</b>
AgriGold A647-90VT2RIB	200.3	182.1		22.3	59.4	0	C.V.	7.5	12.7	12.1	3.3	1.5	0
Local Seed LC1919 VT2P	199.8			23.5	59.5	0	LSD	29.3	32.3	24.7	1.4	1.7	0
DEKALB DKC67-44 RIB	199.2	189.5	191.2	20.5	60.3	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 20, 2021; Harvested: October 5, 2021. Soil type: Lanton silt loam; Previous crop: Soybean; Fertilizer: 182/0/70.						
Seed Consultants SC1188AM	198.0	176.9	172.1	23.3	59.7	0							
Croplan 5678	197.4			23.3	58.2	0							

**Table 12C. Fayette County, conventional, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODGE (%)
	2021	2020-21			
Croplan 5340	214.7		21.7	59.7	0
FS InVISION 62Z00	213.6		20.2	58.2	0
Dyna-Gro D53CC33	207.2		20.4	57.4	0
Partners Brand PB 8335C	204.5		20.4	57.7	0
FS InVISION 63Z00	200.8		20.8	60.2	0
Croplan 5290	199.4		20.7	59.4	0
Partners Brand PB 8336C	198.4		20.4	57.7	0
Biomineral YCN-2	186.3	199.1	21.9	60.3	0
Armor 1500	186.0		21.6	58.4	0
Biomineral YCN-1	175.9		22.0	59.7	0
Biomineral-OCN	168.0		22.3	60.0	0
<b>Average</b>	<b>196.4</b>	<b>199.1</b>	<b>21.2</b>	<b>59.0</b>	<b>0</b>
C.V.	6.0	5.9	2.7	1.1	0
LSD	24.3	16.2	1.2	1.3	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 20, 2021; Harvested: October 5, 2021.  
Soil type: Lanton silt loam; Previous crop: Soybean; Fertilizer: 182/0/70.

**Table 12W. Fayette County, white, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODGE (%)
	2021	2020-21			
DEKALB DKC62-00RIB	208.9		23.0	57.1	0
DEKALB DKC64-00RIB	189.7		22.7	58.2	0
DEKALB DKC63-00RIB	187.3		22.8	57.3	0
Pioneer P1656WAM	177.8		22.7	59.7	0
Hybrid85 H-3203W	156.8		24.0	55.3	0
<b>Average</b>	<b>185.8</b>		<b>22.6</b>	<b>58.0</b>	<b>0</b>
C.V.	6.6		3.0	1.4	0
LSD	27.8		1.5	1.9	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 20, 2021; Harvested: October 5, 2021.  
Soil type: Lanton silt loam; Previous crop: Soybean; Fertilizer: 182/0/70.

**Table 13. Fayette County, weather, 2021.**

	Monthly Precipitation (in)	Temperature Average
March	5.1	49.3
April	2.7	53.4
May	3.4	62
June	6.3	72.9
July	5.9	75.1
August	6.2	75.7
September	3	68.6

**Table 14E. Fulton County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Warren Seed DS 5018	246.1	270.2	223.1	15.0	58.5	0	Partners Brand PB 7881	195.8			15.7	59.9	0
Beck's 5994V2P	236.4			14.7	59.4	0	NuTech 70A8AM	193.4	237.2		16.2	58.8	0
DEKALB DKC59-82RIB	214.8	245.8		15.1	56.7	0	Dyna-Gro D51VC67	187.8			14.5	58.0	0
ARMOR A1029	213.1	241.1	204.0	15.3	58.4	0	Stewart 09DD140	184.4	235.0	207.2	14.8	56.5	0
Pioneer P1077AML	212.4	237.5		15.3	59.1	0	NK Seeds NK1082-3220A.0-EZ1	182.8			15.5	57.8	0
Seed Consultants SC1112AM	210.8			16.8	59.8	1	Channel 210-46VT2PRIB	178.1			15.2	58.4	0
AgriGold A639-70STXRIB	210.4	243.4		15.1	58.7	0	Brevant Seeds B09Z08AM	175.1			15.6	58.6	0
Croplan 4930	208.0			15.0	58.6	0	Beck's 6112 V2P	174.7			15.7	58.4	0
Warren Seed DS 4878	207.3			15.1	58.1	0	Partners Brand PB 8071	169.5			15.3	56.9	0
Croplan 5073	206.0			15.5	59.0	0	Stewart 11DT792	162.6			15.1	57.4	0
Stewart 09DP409	204.3	240.2		15.0	58.4	0	FS InVISION FS 6194V RIB	151.0	215.5	198.4	14.5	56.6	0
LG Seeds LG62C52TRC	199.9			15.3	57.6	0	<b>Average</b>	<b>196.2</b>	<b>241.0</b>	<b>208.2</b>	<b>15.2</b>	<b>58.2</b>	<b>0</b>
NuTech 68A7AM	198.3	244.3		15.1	57.6	0	C.V.	15.4	11.6	11.7	2.8	2.0	0
Local Seed LC1009 VT2P	196.2			14.9	58.8	0	LSD	59.9	35.1	27.5	0.9	2.3	0

Shaded cells are not significantly different from top yield (0.10).  
 Planted: May 20, 2021; Harvested: October 13, 2021.  
 Soil type: Bardwell silt loam; Previous crop: Soybean; Fertilizer: 203/58/84.

**Table 14M. Fulton County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
NuTech 72D4AM	274.3			17.0	60.2	0	AgriGold A643-52VT2PRO	223.9			17.1	61.2	0
Stewart 13DT962	253.2			17.2	60.8	0	Seed Consultants SC1122Q	223.5			17.0	59.7	1
Channel 214-78DGVT2PRIB	248.4	264.9		16.7	59.7	0	ARMOR A1575	221.5	239.5	242.2	17.8	60.3	0
Local Seed LC1497DGV2P	247.2	259.6		16.6	60.9	0	Beck's 6557V2P	220.2	232.9		18.4	60.4	0
DEKALB DKC63-91RIB	246.4	252.5	243.9	16.3	58.6	0	Wyffels W7876RIB	219.4	238.9		16.2	60.1	0
Beck's 6414V2P	245.2	253.6		18.3	61.8	0	FS InVISION FS 62ZV1 RIB	217.6	233.6	223.2	16.7	60.8	2
AgriGold A645-16VT2PRO	244.4	261.2	240.0	18.1	60.9	0	DEKALB DKC65-95RIB	216.5	234.1	233.6	16.8	61.8	0
Stewart 13DD360	243.6	250.4	239.0	17.3	58.7	0	Channel 215-60TRERIB	213.2	248.7	233.3	16.2	58.8	0
DEKALB DKC65-99RIB	242.7	255.6	258.6	17.1	61.3	0	Warren Seed DS 5510	212.7	237.1	242.1	17.5	62.1	0
Brevant Seeds B14J04AM	239.3	253.8		17.6	60.9	0	Dyna-Gro D55VC80	212.1	239.2		17.2	60.0	0
Local Seed LC1506 VT2P	238.7	236.2		16.9	63.0	0	NuTech 74A9AM	211.6			17.1	59.8	0
DEKALB DKC62-70RIB	238.6			17.5	61.4	0	Local Seed LC1577 VT2PRIB	209.4	234.1	224.4	17.3	61.8	0
FS InVISION FS 6595V RIB	238.5	248.1	233.2	18.1	60.6	0	Croplan 5497	207.7			16.6	60.5	4
ARMOR A1299	237.0	239.6	238.7	16.4	59.5	0	Croplan 5550	207.6			16.4	59.7	0
AgriGold A6544VT2RIB	237.0	261.2	250.0	18.0	59.4	0	DEKALB DKC63-57RIB	207.2	229.6	209.7	17.0	60.1	0
Partners Brand PB 8335	236.9			16.1	59.6	0	Local Seed LC1398VT2P	206.2	232.6		17.0	60.9	0
Dyna-Gro D54VC14	234.1		230.4	17.9	61.2	0	Warren Seed DS 5323	204.4			15.9	59.6	1
AgriGold A642-59VT2RIB	234.1	232.1	228.8	17.0	60.4	2	AgriGold A642-47STX	203.9	233.0		17.6	60.7	0
FS InVISION FS 6395VDG RIB	233.6	247.3		16.2	59.4	0	NuTech 74B6AM	200.9	228.7		16.0	59.6	0
Stewart 15DP519	232.6	248.2	242.5	17.4	60.7	0	Local Seed LC1407 VT2P	200.7			18.3	60.5	0
DEKALB DKC62-53RIB	232.0	240.8	237.5	16.4	60.3	0	FS InVISION FS 6306T RIB	198.6	228.3		16.3	59.4	1
LG Seeds LG 64C20-3220	231.9			15.2	59.0	0	Brevant Seeds B15H98AM	190.4	225.9		17.3	61.2	0
Warren Seed DS 5250	228.4			17.3	59.7	0	NuTech 74F3AM	189.0			17.3	58.8	0
Beck's 6374V2P	228.2	237.7		17.2	60.0	0	NK Seeds NK1523-3220.0-EZ1	188.5			17.8	59.3	0
Local Seed LC1307TC	227.5	245.4		16.6	59.8	1	Local Seed LC1289 VT2PRIB	187.3	216.9	225.1	15.8	59.2	3
Partners Brand PB 8336	226.9			16.4	60.9	0	<b>Average</b>	<b>223.9</b>	<b>241.8</b>	<b>234.6</b>	<b>17.0</b>	<b>60.3</b>	<b>0</b>
NK Seeds NK1460-5222.0-EZ1	226.6			18.1	57.5	0	C.V.	12.4	9.7	11.1	3.8	1.4	428
Brevant Seeds B13A10AM	226.4			16.7	59.7	0	LSD	53.6	31.2	22.3	1.3	1.7	2
Pioneer P1464AML	225.4			17.7	61.8	0							
LG Seeds LG5643VT2RIB	223.9		215.2	17.7	59.5	3							

Shaded cells are not significantly different from top yield (0.10).  
 Planted: May 20, 2021; Harvested: October 13, 2021.  
 Soil type: Bardwell silt loam; Previous crop: Soybean; Fertilizer: 203/58/84.

**Table 14E. Fulton County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Stewart 18DP682	258.0			18.5	58.4	0	Local Seed LC1898TC	201.9	242.1		16.4	61.5	0
Pioneer P1847AML	242.8	252.9	248.0	19.3	60.9	0	Croplan 5678	197.9			17.6	61.0	0
Local Seed LC1616TC	238.5			17.9	63.1	1	Dyna-Gro D58VC65	197.8	233.5	240.1	17.7	61.6	0
DEKALB DKC67-44 RIB	238.5	243.8	248.7	17.0	60.8	0	AgriGold A647-90VT2RIB	193.9	213.9		17.6	61.7	0
DEKALB DKC67-94RIB	237.7			17.7	59.6	0	LG Seeds LG 66C28-3220	189.4			15.6	58.5	4
LG Seeds LG66C44VT2PRO	236.3	254.2		17.1	60.3	2	Brevant Seeds B17Z18AM	186.5			18.2	58.7	0
DEKALB DKC66-18RIB	234.2	246.2	242.5	16.7	59.9	0	Local Seed LC1919 VT2P	181.8			18.7	62.1	0
Channel 217-01VT2PRIB	230.8			16.0	58.8	3	Stewart 17DP781	181.5	225.0		19.5	57.8	2
Warren Seed DS 5676	229.8	262.7		18.1	60.9	0	Seed Consultants SC1188AM	166.7	207.9	221.9	17.7	61.5	3
AgriGold A647-42TRC	220.8	253.8		17.6	59.4	0	Wyffels W8936DGRIB	161.1	218.4		17.3	59.1	0
NuTech 77A5AM	218.4			17.8	60.0	0	<b>Average</b>	<b>212.0</b>	<b>238.1</b>	<b>239.6</b>	<b>17.5</b>	<b>60.2</b>	<b>0</b>
FS InVISION 6818V RIB	214.0			18.3	63.1	0	C.V.	15.0	12.8	11.8	3.7	1.2	329
Seed Consultants SC1170AM	211.7	235.5	242.2	16.7	59.5	0	LSD	62.5	40.3	30.5	1.3	1.4	4
FS InVISION FS 6606T RIB	210.2	249.0		17.5	58.9	0	Shaded cells are not significantly different from top yield (0.10). Planted: May 20, 2021; Harvested: October 13, 2021. Soil type: Bardwell silt loam; Previous crop: Soybean; Fertilizer: 203/58/84.						
Local Seed LC1707 VT2P	210.0	226.4		18.7	62.4	0							
DEKALB DKC70-27RIB	208.2	244.6	233.9	18.5	59.3	0							

**Table 14C. Fulton County, conventional, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
FS InVISION 62Z00	217.1		17.1	59.4	0
Partners Brand PB 8335C	208.6		16.5	58.1	0
Croplan 5340	200.9		18.6	61.0	0
Dyna-Gro D53CC33	199.2		16.2	58.1	0
Partners Brand PB 8336C	197.5		17.3	59.1	0
FS InVISION 63Z00	194.6		17.1	60.9	0
Croplan 5290	181.2		16.8	59.8	0
Biomineral YCN-1	172.6		17.3	61.8	0
Biomineral YCN-2	171.8	198.8	17.4	61.6	0
Biomineral-OCN	165.7		17.4	61.5	0
Armor 1500	163.7		17.6	60.1	0
<b>Average</b>	<b>188.1</b>	<b>198.8</b>	<b>17.2</b>	<b>60.3</b>	<b>0</b>
C.V.	6.5	5.8	2.6	0.8	0
LSD	25.3	15.4	0.9	1.0	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: May 20, 2021; Harvested: October 13, 2021.  
Soil type: Bardwell silt loam; Previous crop: Soybean; Fertilizer: 203/58/84.

**Table 14W. Fulton County, white, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
DEKALB DKC62-00RIB	228.1		19.6	58.3	0
DEKALB DKC64-00RIB	201.8		20.2	59.8	0
DEKALB DKC63-00RIB	185.1		18.9	59.4	0
Pioneer P1656WAM	179.8		18.6	61.4	0
Hybrid85 H-3203W	140.8		18.8	59.3	0
<b>Average</b>	<b>186.8</b>		<b>19.0</b>	<b>60.0</b>	<b>0</b>
C.V.	8.8		2.8	0.9	0
LSD	37.7		1.2	1.2	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: May 20, 2021; Harvested: October 13, 2021.  
Soil type: Bardwell silt loam; Previous crop: Soybean; Fertilizer: 203/58/84.

**Table 15. Fulton County, weather, 2021.**

	Monthly Precipitation (in)	Irrigation	Temperature Average
March	6.1	0	52.5
April	5.5	0	57
May	3.1	0	65.3
June	5.7	0.6	77
July	8	1.2	77.8
August	5	0.6	77.5
September	3.9	0	71.1



**Table 16E. Logan County, early, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Stewart 09DP409	231.6	221.3		23.2	55.7	0	DEKALB DKC59-82RIB	203.1	212.6		21.7	54.5	0
Brevant Seeds B09Z08AM	229.9			20.2	57.5	0	AgriGold A639-70STXRIB	202.1	221.4		21.6	54.7	0
Beck's 5994V2P	228.7			20.0	57.2	0	Pioneer P1077AML	202.1	198.5		20.3	56.8	0
Croplan 4930	221.7			22.4	55.7	0	NuTech 70A8AM	196.0	214.0		19.8	58.1	0
Seed Consultants SC1112AM	221.5			21.5	55.3	0	FS InVISION FS 6194V RIB	194.8	212.0	219.1	21.7	54.9	0
NuTech 68A7AM	221.0	223.2		19.5	56.0	0	Partners Brand PB 8071	192.8			19.7	54.5	0
Stewart 11DT792	220.9			20.9	53.9	0	Dyna-Gro D51VC67	191.8			22.5	54.2	0
ARMOR A1029	220.0	219.1	225.3	22.2	55.3	0	Beck's 6112V2P	188.6			23.4	54.9	0
Croplan 5073	214.5			23.7	55.0	0	Warren Seed DS 5018	183.2	208.3	208.5	18.4	55.9	0
Channel 210-46VT2PRIB	213.8			20.9	55.9	0	LG Seeds LG62C52TRC	180.9			22.7	56.6	0
Local Seed LC1009 VT2P	213.7			18.9	57.0	0	<b>Average</b>	<b>207.7</b>	<b>213.9</b>	<b>217.6</b>	<b>20.8</b>	<b>55.7</b>	<b>0</b>
Stewart 09DD140	212.4	208.4	217.4	18.8	55.4	0	C.V.	9.3	8.6	8.0	8.6	1.6	0
Warren Seed DS 4878	211.4			18.9	55.6	0	LSD	38.4	25.0	19.0	3.5	1.8	0
NK Seeds NK1082-3220A.0-EZ1	206.9			19.4	54.9	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 17, 2021; Harvested: September 9, 2021. Soil type: Pembroke silt loam; Previous crop: Soybean; Fertilizer: 200/0/72.						
Partners Brand PB 7881	204.2			18.1	57.2	0							

**Table 16M. Logan County, medium, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
DEKALB DKC65-95RIB	242.7	234.4	228.0	25.8	57.0	0	Partners Brand PB 8335	210.1			22.4	57.0	0
NuTech 74F3AM	237.4			22.9	57.3	0	Local Seed LC1506 VT2P	209.4	212.3		21.7	61.6	0
NuTech 72D4AM	232.7			21.0	57.3	0	AgriGold A645-16VT2PRO	209.2	217.5	215.8	23.7	57.9	0
Croplan 5550	231.8			22.4	57.8	0	Local Seed LC1307TC	208.5			20.7	57.3	0
DEKALB DKC62-53RIB	226.8	215.2	221.0	23.8	56.9	0	Channel 215-60TRERIB	207.2	216.3	225.3	23.9	55.5	0
AgriGold A642-47STX	225.2	220.0		25.0	57.3	0	Local Seed LC1398VT2P	207.0	213.4		23.9	58.2	0
Warren Seed DS 5250	225.2			21.1	57.4	0	AgriGold A642-59VT2RIB	206.9	208.5	215.2	22.9	57.3	0
Croplan 5497	225.0			25.5	57.5	0	Brevant Seeds B13A10AM	206.6			22.7	56.1	0
Seed Consultants SC1122Q	224.4			23.4	56.5	0	Stewart 15DP519	205.8	204.8	216.7	23.3	56.9	0
DEKALB DKC62-70RIB	224.2			24.8	58.0	0	Beck's 6414V2P	205.7	208.3		23.0	58.4	0
NuTech 74A9AM	223.6			24.5	55.3	0	Brevant Seeds B15H98AM	205.2	203.0		24.1	58.2	0
Beck's 6374V2P	223.0	217.4		22.2	57.7	0	Channel 214-78DGV2PRIB	205.1	214.2		23.9	57.0	0
Stewart 13DT962	222.2			24.1	56.0	0	Local Seed LC1289 VT2PRIB	204.2	206.2	207.9	23.3	56.7	0
DEKALB DKC63-91RIB	220.6	221.6	227.8	21.7	56.4	0	LG Seeds LG 64C20-3220	203.4			22.6	56.3	0
FS InVISION FS 6395VDG RIB	218.8	216.6		22.2	57.0	0	FS InVISION FS 6595V RIB	203.2	206.8	215.4	23.1	56.4	0
Beck's 6557V2P	217.5	214.8		25.6	54.9	0	AgriGold A6544VT2RIB	201.1	213.7	220.6	21.4	57.9	0
AgriGold A643-52VT2PRO	217.3			25.0	56.9	0	Partners Brand PB 8336	200.6			24.5	56.2	0
Pioneer P1464AML	217.2			23.8	57.7	0	NK Seeds NK1523-3220.0-EZ1	200.2			26.2	53.3	0
Local Seed LC1577 VT2PRIB	216.7	215.6	220.6	22.1	58.6	0	Wyffels W7876RIB	199.1			23.0	56.9	0
Warren Seed DS 5323	216.3			22.7	58.1	0	NuTech 74B6AM	195.1	198.1		21.4	58.2	0
Dyna-Gro D54VC14	214.5		225.6	23.7	57.5	0	FS InVISION FS 6306T RIB	194.7	215.6		21.3	57.1	0
Dyna-Gro D55VC80	214.3	215.8		23.6	57.0	0	ARMOR A1575	193.2	212.4	217.4	24.8	56.0	0
Stewart 13DD360	214.1	219.8	227.8	22.4	56.0	0	Brevant Seeds B14J04AM	186.1	187.7		21.5	58.6	0
Local Seed LC1497DGV2P	213.8	215.9		22.6	57.5	0	ARMOR A1299	181.5	198.2	204.2	22.8	57.0	0
Local Seed LC1407 VT2P	213.2			23.5	57.9	0	LG Seeds LG5643VT2RIB	178.2		208.5	22.5	57.0	0
DEKALB DKC63-57RIB	212.0	221.3	225.8	24.6	54.8	0	<b>Average</b>	<b>211.5</b>	<b>212.4</b>	<b>218.6</b>	<b>23.3</b>	<b>57.1</b>	<b>0</b>
Warren Seed DS 5510	212.0	208.4	216.3	23.2	58.9	0	C.V.	7.8	7.3	6.6	6.9	1.7	0
NK Seeds NK1460-5222.0-EZ1	212.0			23.1	53.5	0	LSD	32.1	21.1	15.7	3.1	1.9	0
DEKALB DKC65-99RIB	211.7	214.7	217.5	24.7	57.2	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 17, 2021; Harvested: September 9, 2021. Soil type: Pembroke silt loam; Previous crop: Soybean; Fertilizer: 200/0/72.						
FS InVISION FS 62ZV1 RIB	211.3	206.8	215.3	23.7	56.5	0							

**Table 16E. Logan County, late, 2021.**

Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)	Name	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21	19-21					2021	20-21	19-21			
Channel 217-01VT2PRIB	237.9			23.5	56.1	0	FS InVISION FS 6606T RIB	204.2	210.2		23.7	54.8	0
Pioneer P1847AML	229.5	223.9	217.7	26.0	55.7	0	Stewart 18DP682	202.1			25.4	54.3	0
Dyna-Gro D58VC65	227.6	221.3	226.9	24.6	56.5	0	Stewart 17DP781	202.0	196.7		27.7	53.6	0
LG Seeds LG 66C28-3220	224.7			24.8	56.0	0	LG Seeds LG66C44VT2PRO	201.6	206.9		22.3	56.8	0
Seed Consultants SC1170AM	224.1	221.5	224.9	24.1	56.5	0	Croplan 5678	198.4			23.8	56.7	0
NuTech 77A5AM	223.9			24.0	54.7	0	FS InVISION 6818V RIB	196.2			23.0	58.6	0
DEKALB DKC66-18RIB	221.0	226.6	230.7	23.8	56.7	0	AgriGold A647-42TRC	195.9	203.2		28.5	53.2	0
DEKALB DKC67-94RIB	212.6			23.1	56.2	0	Local Seed LC1919 VT2P	194.3			27.5	56.1	0
Warren Seed DS 5676	211.7	206.1		24.6	56.9	0	DEKALB DKC67-44RIB	194.3	216.1	219.9	23.3	57.6	0
AgriGold A647-90VT2RIB	210.3	213.5		26.1	56.4	0	Seed Consultants SC1188AM	182.2	188.0	195.6	23.4	56.8	0
Brevant Seeds B17Z18AM	209.9			23.0	55.2	0	<b>Average</b>	<b>211.3</b>	<b>210.2</b>	<b>218.3</b>	<b>24.1</b>	<b>56.2</b>	<b>0</b>
Local Seed LC1616 TC	209.4			25.3	57.2	0	C.V.	7.9	7.0	6.5	7.1	1.6	0
Local Seed LC1898TC	209.1	209.4		23.5	57.2	0	LSD	32.7	20.2	15.2	3.3	1.8	0
Wyffels W8936DGRIB	207.0	209.0		24.4	55.9	0	Shaded cells are not significantly different from top yield (0.10). Planted: April 17, 2021; Harvested: September 9, 2021. Soil type: Pembroke silt loam; Previous crop: Soybean; Fertilizer: 200/0/72.						
DEKALB DKC70-27RIB	205.1	206.7	212.2	24.3	55.7	0							
Local Seed LC1707 VT2P	204.7	204.3		23.3	58.1	0							

**Table 16C. Logan County, conventional, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	2020-21			
Dyna-Gro D53CC33	238.2		21.2	57.2	0
Croplan 5290	228.6		23.5	58.1	0
FS InVISION 63Z00	216.4		24.2	58.4	0
Armor 1500	216.4		24.4	57.0	0
Biominerals-OCN	216.2		24.9	57.7	0
Partners Brand PB 8335C	216.0		21.6	56.9	0
Biominerals YCN-2	215.9	213.9	22.9	59.8	0
Croplan 5340	212.4		23.7	57.5	0
FS InVISION 62Z00	208.7		24.7	56.6	0
Partners Brand PB 8336C	201.7		24.9	56.6	0
Biominerals YCN-1	191.5		23.6	59.2	0
<b>Average</b>	<b>213.9</b>	<b>213.9</b>	<b>23.6</b>	<b>57.9</b>	<b>0</b>
C.V.	7.2	6.3	5.6	1.8	0
LSD	31.6	18.8	2.7	2.1	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 17, 2021; Harvested: September 9, 2021.  
Soil type: Pembroke silt loam; Previous crop: Soybean; Fertilizer: 200/0/72.

**Table 16W. Logan County, white, 2021.**

Name	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2021	20-21			
DEKALB DKC62-00RIB	208.6		24.3	55.6	0
DEKALB DKC64-00RIB	204.5		27.2	55.7	0
Pioneer P1656WAM	200.8		25.8	57.4	0
DEKALB DKC63-00RIB	196.5		24.0	57.6	0
Hybrid85 H-3203W	191.6		24.4	55.9	0
<b>Average</b>	<b>200.4</b>		<b>25.1</b>	<b>56.4</b>	<b>0</b>
CV	4.0		5.1	1.6	0
LSD	18.0		2.9	2.1	0

Shaded cells are not significantly different from top yield (0.10).  
Planted: April 17, 2021; Harvested: September 9, 2021.  
Soil type: Pembroke silt loam; Previous crop: Soybean; Fertilizer: 200/0/72.

**Table 17. Logan County, weather, 2021.**

	Monthly Precipitation (in)	Temperature Average
March	5.8	52.2
April	2.1	55.6
May	3.8	64.3
June	4	75.5
July	4.1	77
August	6.1	77
September	3.1	68.4

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