

Daviess County

Research & Demonstration Plots 2023

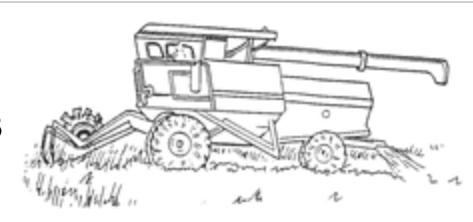


Daviess County
Cooperative Extension Service
4800A New Hartford Road
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Cooperative
Extension Service

- ❖ **Cover Photo** • Jason & Dustin Hagan, September 13, 2023



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Daviess County Cooperative Extension Service

4800A New Hartford Road, Owensboro, Kentucky 42303

Clint Hardy, County Extension Agent for Agriculture and Natural Resources Education

Thank You



Daviess County plays an important role in Kentucky by providing excellent data on variety trials and demonstration plots. The cooperation of area producers and their commitment to research and demonstration work provides reliable information to producers across Kentucky. A special thanks goes to the following:

Troy Muse, Adult Vocational Agriculture Instructor; *Parker Shrewsberry*, Nutrien; and *Mike Mullican*, Stanley Crop Service, for their help in weighing plots and collection of data for this report.

The seed companies and their representatives for providing seed for these plots.

The Extension Office Staff Assistants for their outstanding work preparing this booklet.

Most importantly, the cooperators involved in the corn and soybean variety trials and demonstration plots. Their contribution of time and resources are invaluable to the area.

CORN

Joel & Gerald Boswell & Sons
Bill & Lucas Brey
Don & Brian Cecil
Brian Neltner
Goetz Brothers Farms
Kevin and Clint Hardy
Jeff Rice
Strode Farms
Dustin & Jason Hagan

SOYBEANS

Joel & Gerald Boswell & Sons
Goetz Brothers Farms
Don & Brian Cecil
Brian Neltner
Glenn Thompson
PPJ Thompson Farms
Strode Farms

2023 KING CORN

GROWER	COMPANY/BRAND	ACREAGE	YLD/AC
Scott Zoglmann	DeKalb DKC68-35VT2P	1.3320	322.30

KING CORN HISTORY

2022	Tanner Stroup	AgriGold A645-16VT2RIB	1.2569	301.86
2021	Darrell Hagan Farms	Stewart 13DD36	1.3437	324.96
2020	Sparks Farms	DeKalb DKC70-27PRIB	1.3809	309.32
2019	McKay Farms	DeKalb DKC67-44	1.2576	324.09
2018	Knott Farms	AgriGold 6499STXRIB	1.5737	321.17
2017	Knott Farms	AgriGold A6711VT2PRO	1.5544	324.63
2016	Paul Fullenwider Farms	Pioneer P1197AM	1.3912	251.58
2015	Goetz Brothers Farms	Wyffels W7736RIB	1.4967	293.67

2023 BOSS BEAN

GROWER	COMPANY/BRAND	ACREAGE	YLD/AC
O'Bryan Grain Farms	Pioneer P32T26E	3.1811	100.80

BOSS BEAN HISTORY

2022	McKay Farms	AgriGold AG3957E3	3.1060	112.06
2021	Goetz Brothers Farms	Asgrow AG36X6	4.0220	112.03
2020	Ken-Maur Farms .	AgriGold 3722RX	3.4638	106.51
2019	Fischer Cross Creek Farms	AgriGold 3722	3.1560	101.77
2018	O'Bryan Grain Farms	Pioneer P35T58	4.2640	103.86
2017	Goetz Brothers Farms	Asgrow 44X6RR2X	3.3130	94.06
2016	Goetz Brothers Farms	NK Brand S35-C3	5.6800	79.44
2015	Sylvester, Brian, Jerry Fischer	Pioneer 35T58	4.6940	98.31

2023 ELITE WHEAT

GROWER	COMPANY/BRAND	ACREAGE	YLD/AC
Tanner Stroup	AgriMaxx 516	3.3100	127.61

ELITE WHEAT HISTORY

2022	Jeff Coke	Pioneer 25R28	3.1580	118.08
2021	Glenn Thompson	Pioneer 25R59	4.8200	131.93
2020	PPJ Thompson Farms	Agrimax 438	3.8400	97.18
2019	Jeff Coke	Pioneer 25R50	5.7800	114.73
2018	Tony & Joe Fischer Farms	Steyer Wharton	3.1900	78.72
2017	Jeff Coke	Pioneer 25R50	5.5400	118.64
2016	Jeff Coke	Steyer KIDWELL	3.2800	116.57
2015	Jeff Coke	Steyer KIDWELL	3.1400	112.06

DAVIESS COUNTY TEST PLOTS

PURPOSE: To provide reliable data on the yield potential of the brands that are best suited for this area. Through these plots, we attempt to provide educational information in an unbiased and scientific form to the producers of the area.

PLOT LOCATION: Variety trials were implemented in all areas of the county. Plots were located to the west, south, and east of Owensboro, representing various soil types, planting dates, and rainfall amounts.

COUNTY-WIDE PLOT FORMAT: To increase the comparison of a variety from one plot to another, we developed a plot design that required each plot to follow the same plan. In the plan, we required that the check is placed after every three varieties so that we could make a reliable adjusted yield calculation. An adjusted yield calculation was figured using the surrounding check yields as a basis. Also, to allow the check variety to be evaluated, the third check in each plot was calculated and adjusted on an individual basis and the results enclosed in parenthesis.

To allow producers to gauge the dry-down ability of the hybrids, we have included the maturity days of each one.

YELLOW CORN PLOT PLAN:		NON GMO YELLOW CORN PLOT PLAN:	
Company/Brand	Days to Maturity	Company/Brand	Days to Maturity
NK NK1082-DV	110	Stewart 09CV409	109
Pioneer P1222AM	112	Pioneer P1222	112
Nutech 72D4AM	112	Channel 213-19	113
Beck's 6296AM	112	Beck's 6374	113
AgriGold A643-52VT2RIB	113	Channel 214-78	114
FS InVision FS6306TRIB	113	Stewart 14CV339	114
Channel 214-78DGVT2PRIB	114	Stewart 15CV519 (Check)	115
Stewart 14DT593	114	Beck's 6557	115
DeKalb DKC64-22RIB	114	Pioneer P1718	117
AgriGold A645-16VT2RIB	115		
Stewart 15DT614	115		
Dyna-Gro D55VC80RIB	115		
Beck's 6585TCV2P	115		
FS InVision FS6595VTRIB	115		
NK NK1677-3110	116		
Dyna-Gro D56TC44RIB	116		
Pioneer P1718AML	117		
DeKalb DKC67-94RIB (Check)	117		
DeKalb DKC68-35RIB	118		

EARLY MATURITY XTEND FLEX SOYBEANS		MID MATURITY XTEND FLEX SOYBEANS	
Company/Brand	Days to Maturity	Company/Brand	Days to Maturity
Dyna-Gro S37XF33	2.7	Channel 3322RXF	3.3
Channel 2823RXF	2.8	Asgrow AG33XF3	3.3
Asgrow AG30XF2	3.0	Stewart 3531XF	3.5
Channel 3124RXF	3.1	Channel 3521RXF	3.5
Stewart 3144XF	3.1	AgriGold G3724XF	3.7
AgriGold G3290XF	3.2	NK NK37-B7XFS	3.7
		Stewart 3843XF	3.8
		Channel 3823RXF	3.8
		Dyna-Gro S38XF22S	3.8
		NK NK39-M8XF	3.9
		NK NK39-J9XF	3.9

LATE MATURITY XTEND FLEX SOYBEANS		ENLIST SOYBEANS	
Company/Brand	Days to Maturity	Company/Brand	Days to Maturity
AgriGold G4094XF	4.0	NuTech 36N04E	3.6
Asgrow AG40XF1	4.0	Pioneer P37A18E	3.7
Stewart 4053XF	4.0	AgriGold G3957E3	3.9
Dyna-Gro S42XF93S	4.2	Xitavo BASF XO3922E	3.9
NK NK42-T5XF	4.2	FS HiSoy HS39E10	3.9
Asgrow AG43XF2	4.3	NK NK40-P5E3	4.0
NK NK44-J4XFS	4.4	Xitavo BASF XO4132E	4.1
Stewart 4533XF	4.5	Dyna-Gro S41EN72	4.1
Channel 4523RXF	4.5	NK NK42-A6E3S	4.2
Asgrow AG46XF3	4.6	Pioneer P42A84E	4.2
Dyna-Gro S47XF23S	4.7	NuTech 42N05E	4.2
		Dyna-Gro S45ES10	4.5
		FS HiSoy HS45E00	4.5

2023 Crop Year in Review

As of early November 2023, the corn and soybean harvest in Daviess County is nearly complete. Fair weather allowed the crop to go fast. In an industry whose wins or losses are determined by weather, it is interesting to look back on events that influenced the planning, production, and results of our crops.

The week leading up to Christmas 2022 brought an extended period of arctic cold air into the tristate with people reaching for their heaviest coats before going outside. Strong winds pushed windchill temperatures in the negative teens. Fortunately, the unusually frigid conditions in our area didn't last long. Almost causing whiplash, temperatures rebounded to normal averages and set some warming records in January. The weather in January was quite nice. Temperatures were comfortable and no rain or snow fell during the month. Dry conditions allowed land clearing and grain hauling to progress without delay.

Light snow canceled school on the first day of February but like January, warming temperatures melted it away quickly. The dry weather trend established in January continued. Cold nights and warmer days were typical weather for the month. Many days of soil freeze-thaw events mellowed field soils and gravel lanes. As grain hauling, livestock care, and equipment preparation continued, corn farmers were focused on the high cost of anhydrous ammonia per unit of nitrogen compared to other nitrogen sources. With a cost exceeding other nitrogen forms, some farmers implemented a significant change to their typical nitrogen plan.

March arrived with the first of several storms that would affect Daviess County in 2023. Heavy rain and wind on March 3rd and 4th eroded mellowed fields and ditch banks causing significant loss of soil. In addition, fierce wind from the south destroyed hundreds of barns and trees. The cost of this storm was felt across Kentucky with similar damage reported from Morganfield to Northern Kentucky. Nice weather did follow, and fields dried allowing the first spraying and field work to begin at the end of the second week. Heavy rain fell across much of the county on the 24th with up to 5 inches reported in some areas. Fair weather with warm sunshine and calm wind returned in the final days of the month, ideal for spraying and a return to field activities.

Early April was beautiful, a treat following the delayed, wet spring of 2022. Some of the first crops were planted at the end of the first week and planters ran across the entire second week. The third week remained dry but was colder, with some farms choosing to slow planting down. Tens of thousands of acres were planted so some decided to wait until warmer air returned before planting resumed. The decision to pause planting in April because of temperature despite ideal soil moisture would result in replanting for some.

The first week of May was beautiful. Corn planted in mid-April was emerging in 14-16 days as you would expect, and planters went back to work, planting thousands of acres that week. Then, on Saturday, May 7, a severe storm dumped 2 inches of rain across the whole county, some areas reported more, and as much as 5-8" fell south of Green River in Mclean and Muhlenberg Counties. Fields planted just before the storm encountered severe erosion and ponding in tilled fields. Emergence was disappointing, especially for crops planted in May, when excellent emergence is expected. Dry weather returned and planting continued, but the decision would be made by many to replant several thousand acres planted in the last days of April and the first week of May. Daviess County tobacco acreage continued to plummet in 2023. Very few farms chose to continue burley tobacco and several stopped growing air-cure dark as well. Despite the decline, those remaining farms had ideal soil moisture at the end of May to get their crops planted.

June arrived with typical weather. Ideal planting conditions allowed most to finish planting early in the month, followed by the typical summer activities. Hay harvest, nitrogen application, and herbicide application were the tasks at hand, and long, sunshine-filled days were abundant to complete the work. Since winter, excessive soil moisture was never a problem and people began to notice it in June. Several above-normal days of heat in mid-month and no rain since early May revealed where thin soil was beneath corn across the county. In general, the crop appeared healthy and normal, but the lack of soil moisture was delaying nitrogen uptake in the recently sidedressed fields and there was even worry of possible lack of soil herbicide activation in the absence of rain. By the end of the month, the lack of growth on droughty soils was evident as the plant height was noticeably shorter than corn in deeper soils of the same fields. Prayers were answered for some as a nice rain fell over some areas on the 19th followed by a rain with some light hail reported on the 25th. This arrived in time to push tassels

and silks out on the mid-April planted corn, encouraging successful pollination. Wheat harvest continued that week with the highest yields ever enjoyed across the county. The dry, cool April and dry, early June provided conditions for optimum wheat yield. The month ended with a mega rain on the 29th and 30th. Enormous rain and violent wind were received across the county with some estimating 10 or more inches could have fallen in the Knottsville and Philpot areas. Despite wind on corn at the critical stage for green snap, no damage was reported, but a large flood was about to occur across the mid-section of Daviess County.

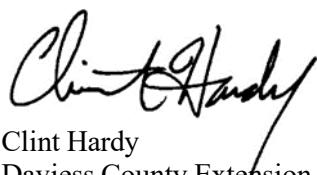
The first two weeks of July were spent applying corn fungicide and estimating the amount of seed needed to replant the Panther and tributary creek bottoms. It was estimated that 6-8,000 acres were completely lost. How much yield adjacent to the loss was affected was unknown but anticipated. Green River was low which should have allowed Panther Creek to fall quickly but again and time after time, farmers in those watersheds had to wait for weeks before fields dried out enough to replant. Scattered rain fell twice late in the month with heavy rain and hail stretching from Masonville to Philpot.

Low grain prices and how much the rain helped or hurt was the topic of discussion in August. Corn had plenty of moisture and nice temperatures to pollinate but the question was how much June may have reduced those fields' potential. The crop was rapidly completing the grain fill stages and soybeans were looking good as well. A nice rain came across most of the county on the 14th, followed by extreme heat in the fourth week. The latest planted corn was filling and there was concern about it regarding the heat and return to dry conditions.

Corn harvest began for many in the first week of September with everyone running by the second week. Yields were pleasing for most people with some surprise that they were not a little better considering the amount of rain around the time of tasseling. Most determined the dry June hurt the potential of the crop more than was realized at the time. Soybean harvest was well underway by mid-month. No rain and dry soil allowed the crop to dry and harvest to continue at a rapid pace. Most were very pleased with their soybean yields. Only one rain came in September to slow progress. Heavy rain fell across the county on the 28th. Damaging hail in that storm affected the area from Masonville to Whitesville for a second time in the same growing season. Severe yield loss in harvest-ready soybeans was reported on hundreds of acres.

Dry, warm weather continued during the entire month of October. Field conditions dried and many were forced to feed hay as the pastures stopped growing. The dry fields were ideal for grain harvest but terrible for forages, reducing the success of stockpiling fescue growth and reseeding grasses. Wheat planting was typical for Daviess County. The regulars planted their acres but there were no huge acreage adopters of the enterprise for the 2024 harvest. Cover crop acres do continue to increase with several thousand acres planted this fall.

Looking ahead to the winter and 2024, there will be much discussion pertaining to marketing, interest rates, and the cost of production. Fertilizer prices have decreased significantly from their levels a year ago, not surprising to the theorists who match fertilizer with commodities. Seed and chemical prices have leveled. Machinery, parts, and repairs are at all-time record expenses. The price spread between corn and soybeans has not been this wide since 2016, and then we saw a large decrease in corn and a gain in soybean acres in 2017. I'm not advocating continuous soybeans; it's not positive for productivity. But if the price of corn does not rise, I do anticipate a trend where the cost of corn production is scrutinized, and unnecessary expense is eliminated. Yielding your way to prosperity in corn is hard to do. Profitability in corn is accomplished through good marketing decisions and careful input cost management.



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for Agriculture and Natural Resources Education



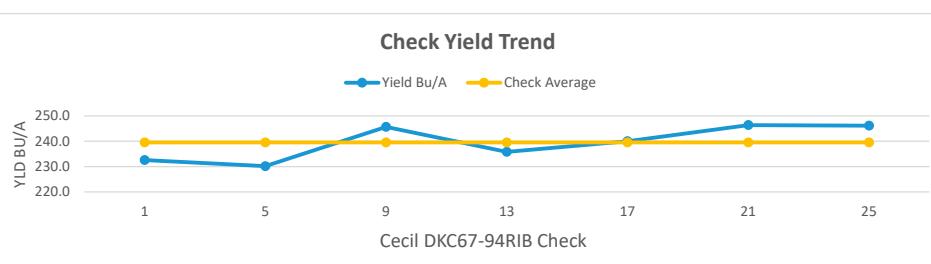
**2023 DAVIESS COUNTY YELLOW CORN COMPOSITE
10 COMPANIES · 19 BRANDS**

BRAND / HYBRID	COTTON FARMERS	BREY FARMS	BRITAIN NEEDLEFARM	KELVIN & CLINT HARDY	GOTTEZ BROTHERS FARMS	HYBRID AVERAGE	2021 AVERAGE	2020 AVERAGE
NK NK1082-DV	202.7	204.4	217.4	229.6	232.9	19	217.4	
Pioneer P1222AM	231.6	222.2	201.0	227.0	249.4	18	226.2	
Nutech 72D4AM	226.4	240.6	208.5	229.4	248.5	16	230.7	225.9
Beck's 6296AM	224.6	232.3	210.6	224.4	254.4	17	229.3	220.1
AgriGold A643-52VT2RIB	250.4	215.2	217.0	229.7	268.9	12	236.3	
FS InVision FS6306TRIB	235.4	229.6	211.9	229.3	258.2	14	232.9	224.8
DeKalb DKC67-94RIB (Check)	245.7	243.8	212.4	239.9	271.4	6	242.7	239.5
Channel 214-78DGVT2PRIB	260.4	238.4	226.6	238.4	266.9	4	246.1	
Stewart 14DT593	226.7	219.6	207.2	240.2	263.5	15	231.5	231.4
DeKalb DKC64-22RIB	264.8	242.9	199.4	239.4	270.5	5	243.4	
AgriGold A645-16VT2RIB	248.1	237.0	222.7	232.9	269.9	9	242.1	237.2
Stewart 15DT614	275.6	237.5	216.9	236.0	268.8	3	247.0	
Dyna-Gro D55VC80RIB	250.4	242.9	221.4	234.1	263.4	8	242.4	234.5
Beck's 6585TCV2P	252.6	236.4	227.2	234.3	261.8	7	242.5	
FS InVision FS6595VTRIB	257.1	239.4	219.9	232.5	252.9	11	240.4	
NK NK1677-3110	254.9	232.9	220.2	217.5	254.0	13	235.9	
Dyna-Gro D56TC44RIB	246.7	251.5	210.7	226.8	268.8	10	240.9	
Pioneer P1718AML	274.2	236.9	216.7	238.8	279.4	1	249.2	
DeKalb DKC68-35RIB	258.0	227.5	223.3	248.2	286.4	2	248.7	

2023 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Don and Brian Cecil Farms
Planting Date: April 24, 2023
Harvest Date: September 25, 2023
Planting Population: 34,000
Herbicides: Gramoxone, Acuron, Atrazine
Fungicides: Miravis Neo
Insecticides: None
Fertility: 1½ yd. Hog Compost, 165# N
Primary Soil Type: Collins Silt Loam
Row Width: 4-30"
Plot Location: Short Station Road, Knottsville
Previous Crop: Soybean
Tillage Practice: Minimal
Check: DeKalb DKC67-94RIB

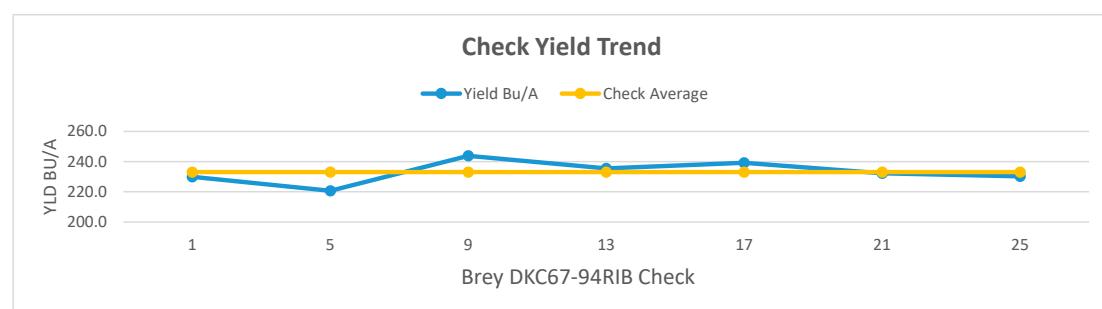
Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. DeKalb DKC67-94RIB	56.5	19.3	232.6		
2. NK NK1082-DV	55.5	18.7	202.7	209.3	19
3. Pioneer P1222AM	55.5	17.8	231.6	239.7	14
4. Nutech 72D4AM	56.5	17.8	226.4	234.9	15
5. DeKalb DKC67-94RIB	57.5	19.0	230.2		
6. Beck's 6296AM	57.0	18.2	224.6	229.9	17
7. AgriGold A643-52VT2RIB	58.0	18.0	250.4	252.1	7
8. FS InVision FS6306TRIB	59.0	16.9	235.4	233.2	16
9. DeKalb DKC67-94RIB	58.0	17.8	245.7	252.6	6
10. Channel 214-78DGVT2PRIB	58.5	18.1	260.4	256.5	4
11. Stewart 14DT593	59.0	17.8	226.7	225.6	18
12. DeKalb DKC64-22RIB	60.0	17.6	264.8	266.2	3
13. DeKalb DKC67-94RIB	59.5	18.2	235.8		
14. AgriGold A645-16VT2RIB	58.5	18.6	248.1	250.9	10
15. Stewart 15DT614	58.0	18.6	275.6	277.4	1
16. Dyna-Gro D55VC80RIB	58.5	18.7	250.4	251.0	8
17. DeKalb DKC67-94RIB	57.5	18.8	240.0		
18. Beck's 6585TCV2P	58.5	18.8	252.6	250.4	11
19. FS InVision FS6595VTRIB	59.0	18.7	257.1	253.3	5
20. NK NK1677-3110	58.5	18.9	254.9	249.5	12
21. DeKalb DKC67-94RIB	57.5	19.2	246.4		
22. Dyna-Gro D56TC44RIB	58.0	18.5	246.7	239.9	13
23. Pioneer P1718AML	57.0	20.0	274.2	266.8	2
24. DeKalb DKC68-35RIB	58.0	19.8	258.0	251.0	8
25. DeKalb DKC67-94RIB	57.5	19.1	246.1		
26. NK NK1082-DV	57.0	17.9	228.6		
27. NK NK1040-AA	56.5	17.4	238.0		
28. NK NK1188-D	58.5	17.0	206.3		
29. NK NK1333-AA	58.0	17.8	229.5		
30. AgriGold A643-52VT2P	58.0	18.4	253.9		
31. NK NK1480-DV	58.0	18.6	235.1		
32. NK NK1523-V	57.0	18.9	222.7		
33. NK NK1677-3110	56.5	19.5	245.6		
34. NK NK1701-V	56.0	20.0	203.6		
35. NK NK1838-3110	55.5	21.3	242.7		
Plot Average	57.7	18.6	240.7		
Check Average	57.7	18.8	239.5		



2023 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Brey Farms
Planting Date: April 10, 2023
Harvest Date: September 18, 2023
Planting Population: 32,000
Herbicides: Roundup, Verdict, 2.5 qts. Acuron, 1 qt. Atrazine
Fungicides: Trivapro
Insecticides: Hero
Fertility: 181# N, 104# P, 135# K, 25# S
Primary Soil Type: Hosmer Silt Loam
Row Width: 4 - 30" rows
Plot Location: Ward Road, Whitesville
Previous Crop: Soybeans
Tillage Practice: Conventional
Check: DeKalb DKC67-94RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. DeKalb DKC67-94RIB	55.0	19.0	229.9		
2. NK NK1082-DV	56.0	18.8	204.4	209.3	19
3. Pioneer P1222AM	57.0	18.5	222.2	229.8	13
4. Nutech 72D4AM	55.5	19.6	240.6	251.5	2
5. DeKalb DKC67-94RIB	55.5	19.2	220.7		
6. Beck's 6296AM	56.5	19.1	232.3	239.1	4
7. AgriGold A643-52VT2RIB	56.5	19.2	215.2	216.0	17
8. FS InVision FS6306TRIB	56.5	19.1	229.6	224.8	16
9. DeKalb DKC67-94RIB	57.0	19.1	243.8	249.2	3
10. Channel 214-78DGVT2PRIB	57.0	18.8	238.4	229.8	13
11. Stewart 14DT593	57.5	19.6	219.6	213.6	18
12. DeKalb DKC64-22RIB	60.0	19.1	242.9	238.3	6
13. DeKalb DKC67-94RIB	57.0	19.3	235.5		
14. AgriGold A645-16VT2RIB	57.0	19.5	237.0	233.6	9
15. Stewart 15DT614	56.5	20.0	237.5	233.3	10
16. Dyna-Gro D55VC80RIB	56.5	19.8	242.9	237.7	7
17. DeKalb DKC67-94RIB	56.0	20.0	239.2		
18. Beck's 6585TCV2P	57.0	20.6	236.4	232.1	11
19. FS InVision FS6595VTRIB	57.0	20.2	239.4	236.7	8
20. NK NK1677-3110	57.5	20.4	232.9	232.0	12
21. DeKalb DKC67-94RIB	56.5	20.0	232.2		
22. Dyna-Gro D56TC44RIB	57.5	19.4	251.5	252.9	1
23. Pioneer P1718AML	55.0	23.0	236.9	238.8	5
24. DeKalb DKC68-35RIB	57.0	21.4	227.5	229.8	13
25. DeKalb DKC67-94RIB	57.5	20.3	230.3		
Plot Average	56.7	19.7	232.8		
Check Average	56.4	19.6	233.1		

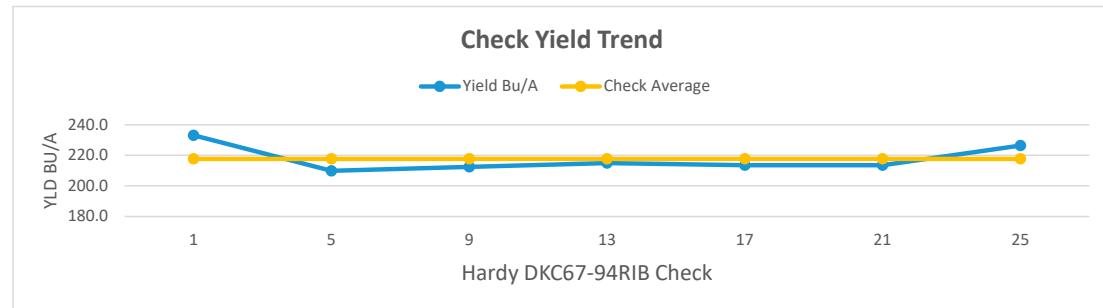


2023 DAVIESS COUNTY YELLOW CORN

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Kevin and Clint Hardy
Planting Date:	April 12, 2023
Harvest Date:	September 20, 2023
Planting Population:	32,200
Herbicides:	1 lb. Atrazine, 1 pt. 2,4-D low vol 6, 1 qt. Glyphosate, 2 oz. Status, 3 qt. Halex GT
Fungicides:	15 oz. Xyway (2X2)
Insecticides:	1 lb. Smartchoice HC
Fertility:	200# N, 35# P, 45# K, 10# S, 1# Zn
Primary Soil Type:	Uniontown/Wakeland
Row Width:	6-30"
Plot Location:	Pond River Road, Curdsville
Previous Crop:	Soybean
Tillage Practice:	No-till
Check:	DeKalb DKC67-94RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. DeKalb DKC67-94RIB	57.5	18.9	233.2		
2. NK NK1082-DV	55.0	16.6	217.4	208.2	17
3. Pioneer P1222AM	56.5	17.2	201.0	197.5	19
4. Nutech 72D4AM	57.0	17.1	208.5	210.4	16
5. DeKalb DKC67-94RIB	58.0	18.1	209.9		
6. Beck's 6296AM	57.0	17.2	210.6	217.8	9
7. AgriGold A643-52VT2RIB	58.5	17.7	217.0	223.7	7
8. FS InVision FS6306TRIB	58.0	15.9	211.9	217.8	9
9. DeKalb DKC67-94RIB	58.5	17.7	212.4	217.7	12
10. Channel 214-78DGVT2PRIB	58.0	17.1	226.6	231.5	2
11. Stewart 14DT593	59.5	17.6	207.2	211.1	15
12. DeKalb DKC64-22RIB	60.0	16.8	199.4	202.6	18
13. DeKalb DKC67-94RIB	57.5	18.2	214.9		
14. AgriGold A645-16VT2RIB	57.0	18.5	222.7	225.9	3
15. Stewart 15DT614	59.0	17.3	216.9	220.4	8
16. Dyna-Gro D55VC80RIB	57.5	18.5	221.4	225.3	4
17. DeKalb DKC67-94RIB	58.5	18.1	213.5		
18. Beck's 6585TCV2P	59.0	17.9	227.2	231.7	1
19. FS InVision FS6595VTRIB	58.0	18.5	219.9	224.1	6
20. NK NK1677-3110	55.5	20.6	220.2	224.5	5
21. DeKalb DKC67-94RIB	57.5	18.3	213.6		
22. Dyna-Gro D56TC44RIB	58.0	17.8	210.7	211.7	14
23. Pioneer P1718AML	56.0	19.9	216.7	214.4	13
24. DeKalb DKC68-35RIB	59.0	18.3	223.3	217.8	9
25. DeKalb DKC67-94RIB	58.0	18.7	226.4		
Plot Average	57.8	17.9	216.1		
Check Average	57.9	18.3	217.7		

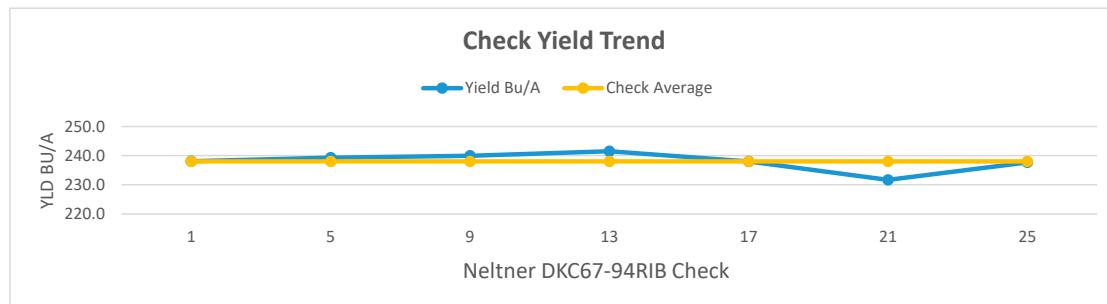


2023 DAVIESS COUNTY YELLOW CORN

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Brian Neltner
Planting Date:	April 13, 2023
Harvest Date:	September 21, 2023
Planting Population:	35,200
Herbicides:	1.5 pt. Gramoxone 3.0, 3 qt. Lexar, 1 oz. Sharpen, 1 qt. Roundup
Fungicides:	None
Insecticides:	2 oz. Lambda T
Fertility:	111# N sidedress, 4 ton chicken litter
Primary Soil Type:	Ginat, Sciotosville, Weinbach Silt Loam
Row Width:	6 - 30" rows
Plot Location:	Hwy 811, Reed
Previous Crop:	Soybean
Tillage Practice:	Irrigated No-till
Check:	DeKalb DKC67-94RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. DeKalb DKC67-94RIB	58.0	17.2	238.1		
2. NK NK1082-DV	58.0	15.7	229.6	229.2	13
3. Pioneer P1222AM	58.0	16.2	227.0	226.4	17
4. Nutech 72D4AM	59.0	15.9	229.4	228.4	14
5. DeKalb DKC67-94RIB	57.5	17.5	239.3		
6. Beck's 6296AM	58.0	16.5	224.4	223.1	18
7. AgriGold A643-52VT2RIB	58.5	16.8	229.7	228.2	15
8. FS InVision FS6306TRIB	58.5	16.2	229.3	227.6	16
9. DeKalb DKC67-94RIB	57.5	17.7	239.9	237.5	3
10. Channel 214-78DGVT2PRIB	59.0	16.7	238.4	236.1	6
11. Stewart 14DT593	59.0	17.1	240.2	237.5	3
12. DeKalb DKC64-22RIB	61.0	16.8	239.4	236.3	5
13. DeKalb DKC67-94RIB	58.0	17.4	241.5		
14. AgriGold A645-16VT2RIB	58.5	17.9	232.9	230.4	12
15. Stewart 15DT614	58.5	17.2	236.0	234.3	9
16. Dyna-Gro D55VC80RIB	58.5	17.6	234.1	233.3	10
17. DeKalb DKC67-94RIB	58.5	17.1	238.0		
18. Beck's 6585TCV2P	59.5	17.0	234.3	235.9	7
19. FS InVision FS6595VTRIB	58.0	17.4	232.5	235.6	8
20. NK NK1677-3110	57.5	18.9	217.5	222.0	19
21. DeKalb DKC67-94RIB	58.5	17.8	231.7		
22. Dyna-Gro D56TC44RIB	59.5	17.3	226.8	231.5	11
23. Pioneer P1718AML	58.0	19.7	238.8	242.3	2
24. DeKalb DKC68-35RIB	58.5	18.9	248.2	250.2	1
25. DeKalb DKC67-94RIB	58.0	17.9	237.6		
26. Beck's 6374V2P	59.5	16.0	240.7		
Plot Average	58.5	17.2	234.4		
Check Average	58.0	17.5	238.0		



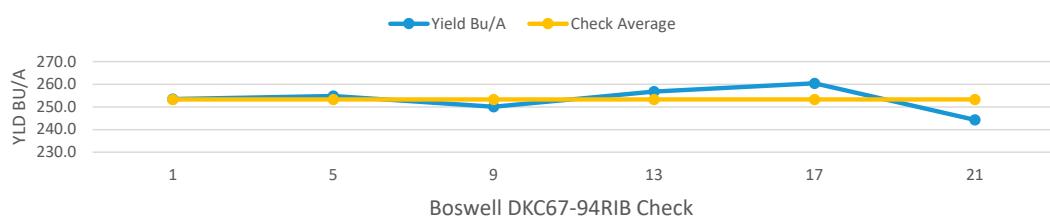
2023 DAVIESS COUNTY YELLOW CORN

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Boswell Farms
Planting Date:	April 26, 2023
Harvest Date:	October 9, 2023
Planting Population:	33,500
Herbicides:	LeadOff, Atrazine, Resicore
Fungicides:	Aproach Prima
Insecticides:	Reveal Endurx
Fertility:	5 gal. Captivate (infurrow), 160# N, VRT N-P-K
Primary Soil Type:	Uniontown Silt Loam
Row Width:	8-30"
Plot Location:	Ray Road, Yelvington
Previous Crop:	Soybean
Tillage Practice:	No-till
Check:	DeKalb DKC67-94RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. DeKalb DKC67-94RIB		17.0	253.4		
2. NK NK1082-DV	57.0	16.5	239.3	238.8	16
3. Pioneer P1222AM	56.0	15.8	249.6	248.8	13
4. Nutech 72D4AM	58.0	15.9	253.8	252.7	12
5. DeKalb DKC67-94RIB	58.0	16.7	254.9		
6. Beck's 6296AM	59.0	15.7	258.4	258.1	10
7. AgriGold A643-52VT2RIB	60.0	16.4	266.5	267.4	3
8. FS InVision FS6306TRIB	60.0	15.6	246.8	248.8	13
9. DeKalb DKC67-94RIB	59.0	16.4	250.1	247.6	15
10. Channel 214-78DGVT2PRIB	59.0	15.6	263.5	265.2	5
11. Stewart 14DT593	60.0	16.7	263.6	263.5	6
12. DeKalb DKC64-22RIB	62.0	16.0	269.2	267.3	4
13. DeKalb DKC67-94RIB	59.0	16.5	256.7		
14. AgriGold A645-16VT2RIB	59.0	16.2	265.8	261.3	9
15. Stewart 15DT614	59.5	16.4	268.9	263.4	7
16. Dyna-Gro D55VC80RIB	60.0	16.7	268.5	262.1	8
17. DeKalb DKC67-94RIB	59.0	16.6	260.4		
18. Beck's 6585TCV2P	59.5	16.7	271.5	268.3	1
19. FS InVision FS6595VTRIB	60.5	16.6	267.0	268.0	2
20. NK NK1677-3110	59.5	16.6	250.5	255.5	11
21. DeKalb DKC67-94RIB	59.5	17.2	244.3		
22. Dyna-Gro D56TC44RIB	59.0	16.6	246.2		
23. Pioneer P1718AML	60.0	17.9	270.6		
26. AgriGold A646-30VT2RIB	60.0	16.5	254.2		
27. AgriGold A645-22TRC	59.0	16.8	256.5		
28. AgriGold A644-64VT2PRO	61.0	16.4	272.3		
29. AgriGold A643-52VT2RIB	62.0	16.1	274.7		
Plot Average	59.4	16.4	259.2		
Check Average	58.9	16.7	253.3		

Check Yield Trend

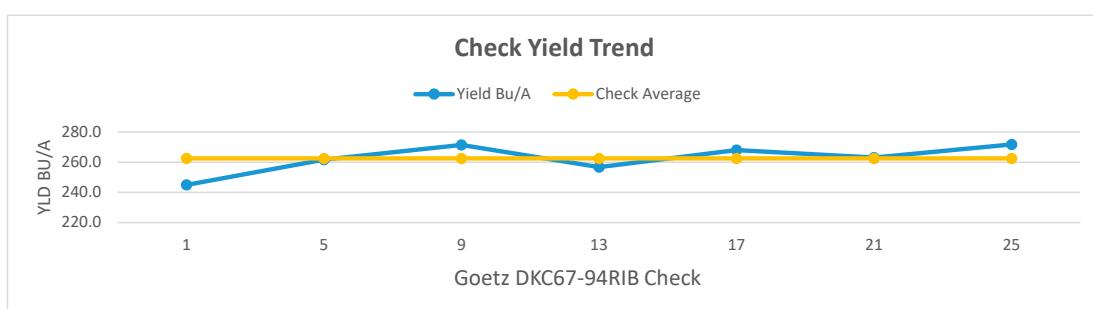


2023 DAVIESS COUNTY YELLOW CORN

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Goetz Brothers Farms
Planting Date:	April 17, 2023
Harvest Date:	September 12, 2023
Planting Population:	34,000
Herbicides:	Auron, Roundup, Atrazine
Fungicides:	Trivapro
Insecticides:	Hero
Fertility:	4 gal. 3-18-18 (infurrow), 15 gal. 3-18-18, 2x2x2 206# N, 1 pt. Boron
Primary Soil Type:	Belknap Silt Loam
Row Width:	8-30"
Plot Location:	Burton Road, Masonville
Previous Crop:	Corn
Tillage Practice:	Conventional
Check:	DeKalb DKC67-94RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. DeKalb DKC67-94RIB	54.0	24.0	244.9		
2. NK NK1082-DV	53.5	24.5	232.9	245.4	19
3. Pioneer P1222AM	53.0	24.9	249.4	258.5	12
4. Nutech 72D4AM	54.5	26.4	248.5	253.4	14
5. DeKalb DKC67-94RIB	54.0	25.5	261.6		
6. Beck's 6296AM	55.0	26.5	254.4	252.9	15
7. AgriGold A643-52VT2RIB	55.0	25.0	268.9	264.9	8
8. FS InVision FS6306TRIB	54.5	24.3	258.2	252.0	17
9. DeKalb DKC67-94RIB	56.0	24.0	271.4	274.9	2
10. Channel 214-78DGVT2PRIB	55.5	25.6	266.9	261.6	10
11. Stewart 14DT593	56.0	24.3	263.5	261.9	9
12. DeKalb DKC64-22RIB	56.5	25.0	270.5	272.7	5
13. DeKalb DKC67-94RIB	55.0	24.2	256.8		
14. AgriGold A645-16VT2RIB	55.5	25.7	269.9	272.9	4
15. Stewart 15DT614	56.5	25.3	268.8	268.9	6
16. Dyna-Gro D55VC80RIB	55.5	26.4	263.4	260.7	11
17. DeKalb DKC67-94RIB	56.0	25.7	268.1		
18. Beck's 6585TCV2P	56.0	26.3	261.8	257.6	13
19. FS InVision FS6595VTRIB	55.0	25.6	252.9	250.1	18
20. NK NK1677-3110	55.0	26.8	254.0	252.3	16
21. DeKalb DKC67-94RIB	55.0	26.6	263.1		
22. Dyna-Gro D56TC44RIB	55.5	26.1	268.8	266.1	7
23. Pioneer P1718AML	54.0	27.5	279.4	274.3	3
24. DeKalb DKC68-35RIB	56.0	26.8	286.4	278.9	1
25. DeKalb DKC67-94RIB	56.5	25.2	271.8		
Plot Average	55.2	25.5	262.3		
Check Average	55.2	25.0	262.5		



2023 DAVIESS COUNTY NON GMO YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Jeff Rice
Planting Date: May 2, 2023
Harvest Date: November 1, 2023
Planting Population: 32,000
Herbicides: Leadoff
Fungicides: 15 oz. Xyway, Aframe, Propri Star
Insecticides: None
Fertility: 133# N, 92# P₂O₅, 120# K₂O
Primary Soil Type: Hosmer/Sharon Silt Loam
Row Width: 4 - 30" rows
Plot Location: Trodgen Lane, Livia
Previous Crop: Soybean
Tillage Practice: No-till
Check: Stewart 15CV519

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	RANK
1. Stewart 15CV519(Check)				
2. Stewart 09CV409	58.0	15.9	204.2	
3. Pioneer P1222	59.0	15.6	237.5	
4. Channel 213-19	59.0	15.7	225.5	
5. Stewart 15CV519(Check)	60.0	16.3	247.0	
6. Beck's 6374	59.5	15.8	247.5	1
7. Channel 214-78	60.0	15.9	235.5	4
8. Stewart 14CV339	59.0	15.9	234.6	5
9. Stewart 15CV519(Check)	58.5	16.1	245.2	3
10. Beck's 6557	59.5	16.3	231.5	7
11. Pioneer P1718	58.5	16.1	246.0	2
12. BH Genetics BH8121	59.5	16.2	229.9	8
13. Stewart 15CV519(Check)	60.0	16.4	248.6	
14. Partners Brand PB8336	59.0	16.1	220.1	10
15. Partners Brand PB8478	58.0	15.8	202.1	13
16. BH Genetics BH8420 with Pivot Bio	58.5	15.6	208.4	12
17. Stewart 15CV519(Check)	59.0	15.8	245.3	
18. Partners Brand PB8580	60.0	16.3	225.1	9
19. BH Genetics BH8555	60.0	16.4	230.7	6
20. BH Genetics BH8590	60.0	16.3	205.3	11
21. Stewart 15CV519(Check)	60.0	16.7	237.5	
22. BH Genetics BH8780	61.0	16.8	211.6	
23. Partners Brand PB11702	59.5	17.3	201.2	
Plot Average	59.3	16.2	227.6	
Check Average	59.5	16.3	244.7	

2023 CORN STRIP CHECKS

WINKLER FARMS

Brand: Beck's 6984BR	Yield/acre: 230.03
Planted: 5/4/2023	Moisture: 16.5
Harvested: 10/23/2023	Test Weight: 59.0
Brand: Beck's 6128V2P	Yield/acre: 224.18
Planted: 5/3/2023	Moisture: 14.8
Harvested: 10/23/2023	Test Weight: 59.0
Brand: Beck's 6241Q	Yield/acre: 214.97
Planted: 5/3/2023	Moisture: 15.3
Harvested: 10/23/2023	Test Weight: 58.5
Brand: Beck's 6585TCV2P	Yield/acre: 209.5
Planted: 5/4/2023	Moisture: 16.1
Harvested: 10/23/2023	Test Weight: 57.0
Brand: Beck's 6241Q	Yield/acre: 203.93
Planted: 5/3/2023	Moisture: 15.7
Harvested: 10/23/2023	Test Weight: 58.0
Brand: Beck's 6128V2P	Yield/acre: 199.99
Planted: 5/4/2023	Moisture: 16.6
Harvested: 10/23/2023	Test Weight: 58.0

2023 Non-GMO Corn Plot									
Cooperator:	Jeff Coke and Jason Crisp								
Address:	Utica, Ky Davies								
City/State/Zip:	41091-0000								
County:	Lincoln								
Phone #:	(606) 882-2222								
Sales Rep:	Rice								
Planting Date:	5/27/2023								
Planting Population:	32,500								
Row Width (inches):	30								
Previous Crop:	beans								
Tillage Type:	NoTill								
Years In Corn:	Rotation								
Direction of 1st Entry In Plot									
Harvested Row Info									
Entry	Company	Variety	Length	Nmbr	Width	Total Lbs	Test Wt	Moisture	Corn @ 15% Bu/Acre
1	Stewart	09CV409	465	4	30	1370	58.0	17.4	222.7040328
2	Stewart	17CV387 -CHECK- Proven	465	4	30	1360	59.0	19.8	214.6548888
3	Stewart	14CV339	465	4	30	1250	58.5	19.3	198.5230847
4	Stewart-Bio Check	15CV519	464	4	30	1360	58.5	20.9	212.1669978
5	Partner Brand	8580	464	4	30	1260	57.5	18.9	201.3565587
6	Stewart	17CV387 -CHECK- Proven	464	4	30	1360	59.0	20.5	213.23993
7	Partner Brand	8478	463	4	30	1250	58.0	18.7	200.8630197
8	Partner Brand	8336	463	4	30	1410	59.0	20.1	222.6719818
9	Stewart	15CV519-W10	461	4	30	1340	58.5	21.4	209.0772787
10	Stewart	17CV387 -CHECK- Proven	459	4	30	1360	60.5	21.1	213.9358889
11	Stewart	15CV519-Proven	457	4	30	1360	59.5	21.1	214.872151
12	Partner Brand	11702	455	4	30	1200	59.5	22.5	187.0475275
13	B&H Genetics	8420-ProveN	453	4	30	1260	60.0	18.2	208.212149
14	Stewart	17CV387 -CHECK- Proven	450	4	30	1370	60.5	21.3	219.2619164
15	B&H Genetics	8121	450	4	30	1290	58.3	19.3	207.5878921
16	B&H Genetics	8555	450	4	30	1450	59.5	19.9	236.1937625
17	B&H Genetics	8780	450	4	30	1350	60.5	20.6	217.992775
18	Stewart	17CV387-CHECK- Proven	450	4	30	1300	60.5	21.3	208.0587528
19	B&H Genetics	8590	450	4	30	1270	60	19.4	208.164506

University of Kentucky Hybrid Corn Performance Test
Strode Farms – Daviess County Plot Host

Daviess Early 2023

Name	YIELD (BU/AC)			MST (%)
	2023	2022-23	2021-23	
Alliance Genetics X23036	196.2			19.5
Channel 210-46VT2PRIB	220.6	213.4	242.6	21.0
Croplan 4930	217.3	221.5	247.0	20.2
DEKALB DKC110-41RIB	207.6			20.2
DEKALB DKC111-35RIB	220.7	222.1		21.3
DEKALB DKC59-82RIB	206.5	217.5	243.8	19.8
Dyna-Gro D50VC09RIB	203.0	213.1		20.1
FS InVISION 6017V RIB	213.2	220.9		20.4
FS InVISION 6133VDG RIB	203.5			21.5
FS InVISION 6173PC	237.7			19.7
LG Seeds LG58C48VT2Pro	219.2			21.4
NuTech 66D1AM	196.7			19.0
NuTech 68A7AM	227.9	221.0	248.6	19.4
NuTech 70B4AM	221.0	225.9		20.3
Partners Brand PB 8105	212.7			20.9
Pioneer P0953AM	221.3	220.1		20.6
Pioneer P1170AM	218.7			21.6
Revere 0707 DGVT2P	186.6			19.1
Revere 0918 VT2P	225.5	222.6		20.0
Stewart 11DT792	212.3	224.9	250.5	19.4
Average	213.4	220.2	246.5	20.3
C.V.	4.9	5.3	5.2	1.6
LSD	20.6	15.7	10.2	0.7

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

University of Kentucky Hybrid Corn Performance Test
Strode Farms – Daviess County Plot Host

Daviess County Medium 2023

Name	2023	YIELD (BU/AC)		MST (%)
		2022-23	2021-23	
AgriGold A643-52VT2RIB	230.2			22.0
AgriGold A644-64VT2RIB	225.9			21.8
AgriGold A645-16VT2PRO	211.8	221.5	241.8	22.0
AgriGold A645-22TRCRIB	185.5			23.0
Alliance Genetics 2214	190.2			23.1
Beck's 6296LM	228.4	230.4		21.2
Beck's 6414V2P	215.5	228.7	251.6	21.4
Becks 6585TCV2P	203.7			23.2
Channel 214-78DGVT2PRIB	219.1	231.0	253.9	21.4
Channel 215-70TRERIB	217.6			22.1
Croplan 5208	217.8			21.2
Croplan 5497	218.6	228.8	252.1	21.8
Croplan 5550	225.5		259.1	21.6
DEKALB DKC113-83RIB	199.8			20.4
DEKALB DKC62-70RIB	210.2	223.5	241.4	21.1
DEKALB DKC63-57RIB	226.6	224.4	245.6	20.9
DEKALB DKC64-22RIB	202.2	216.2		22.1
DEKALB DKC65-95RIB	215.8	224.2	241.4	22.8
Dyna-Gro D53TC23RIB	186.7	209.7		20.0
Dyna-Gro D53VC54RIB	206.9			21.5
FS InVISION FS 6306T RIB	188.3	218.1	241.5	20.5
FS InVISION FS 6595V RIB	214.4	228.7	244.2	21.6
Golden Harvest G12S75-D-EZ1	206.8			20.3
Golden Harvest G14B32-DV-EZ1	210.8			20.7
Great Heart HT-7360VT2RIB	210.8			21.9
Great Heart HT-7499TRCRIB	201.6			22.1
Innictis A1292VT2PRIB	214.3			21.4
Innictis A1462VT2PRIB	216.8			21.7
Innictis A1542T	216.9			22.3
LG Seeds LG64C43VT2Pro	229.7			21.5
NuTech 72D4AM	226.7	232.6	251.1	20.8
NuTech 73A4AM	213.4			21.7
NuTech 74A9AM	225.9	227.6	250.3	21.3
NuTech 74C4AM	209.9	216.9		20.9
NuTech 75C1AM	221.9			22.5
Partners Brand PB 8335	182.3	207.7	230.3	19.9
Partners Brand PB 8494	230.9			22.4
Pioneer P1222AM	218.0			20.0
Pioneer P1289AM	204.7	220.5		20.7
Revere 1307TC	206.3	215.6	237.9	20.1
Revere 1398VT2P	142.8	188.8	218.4	19.7
Revere 1577 VT2PRIB	209.1	225.5	251.5	20.9
Stewart 13DT634	214.7			21.7
Stewart 14DT593	211.4	223.0		22.6
Stewart 15DP519	208.7	221.6	242.2	21.7
Stewart 15DT614	200.5			21.3
Stewart 17DP781	216.3	232.8	247.0	23.3
Stewart 18DP682	230.8	242.4	257.0	23.5
Average	211.2	221.1	244.4	21.6
C.V.	7.1	6.2	5.6	1.8
LSD	28.9	18.3	12.5	0.8

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

University of Kentucky Hybrid Corn Performance Test
Strode Farms – Daviess County Plot Host

Daviess Late 2023

Name	2023	YIELD (BU/AC)			MST (%)
		2022-23	2021-23		
AgriGold A647-79VT2RIB	201.0				21.8
Alliance Genetics X23086	208.9				21.4
Croplan 5893	223.1				22.6
DEKALB DKC117-78RIB	212.5				22.5
DEKALB DKC66-06RIB	220.4	233.9			21.5
DEKALB DKC67-94RIB	213.0	221.2	234.8		21.8
DEKALB DKC68-35RIB	230.4	233.3			23.5
DEKALB DKC70-45RIB	192.8	207.8			22.6
Dyna-Gro D56TC44RIB	201.4				20.9
Dyna-Gro D57VC53RIB	193.9				24.0
FS InVISION 6625V RIB	221.8	222.4			21.1
FS InVISION 6627T RIB	209.9	218.6			21.6
FS InVISION 6818V RIB	185.3	197.6	221.6		24.1
Golden Harvest G16Q82-AA-EZ1	219.7	218.7			21.6
Golden Harvest G17B31-V-EZ1	192.4				22.6
Innvictis A1689T	209.8				22.4
Innvictis A1792T	195.5				22.5
LG Seeds LG66C06VT2RIB	199.5	218.7			21.5
LG Seeds LG67C07VT2Pro	215.8	223.5			22.2
LG Seeds LG68C18VT2Pro	159.5				21.5
NuTech 77A5AM	228.0	232.4	252.7		22.0
Partners Brand PB 8702	189.1	207.5			24.3
Pioneer P1608AM	202.3				22.3
Pioneer P1718AML	228.9	232.0			23.6
Revere 1627 TC	210.9				22.4
Revere 1839 TC	228.4				23.4
Average	205.8	220.6	236.4	22.2	
C.V.	6.4	6.2	6.1	2.3	
LSD	25.6	18.1	12.6	1.0	

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

University of Kentucky Hybrid Corn Performance Test
Strode Farms – Daviess County Plot Host

Daviess Conventional 2023

Name	YIELD (BU/AC)		MST (%)
	2023	2022-23	
Alliance Genetics 2112	202.9		20.7
Alliance Genetics X23038	211.2		22.3
Alliance Genetics X23089	228.8		21.6
FS InVISION 6324C	217.4		21.5
FS InVISION 67S00	202.0	214.3	22.5
Partners Brand PB 8702C	208.4		23.2
PC Seed Co 5514	224.9		21.7
PC Seed Co 6313	231.9		21.6
PC Seed Co 6616	201.5		23.3
PC Seed Co 8408	215.6		19.5
Revere 1289 C	186.8		20.7
Revere 1707 C	196.9		22.7
Spectrum 6228	178.2	199.0	19.0
Spectrum 6416	216.0	201.4	22.8
Spectrum 6593	214.7		22.8
Average	214.4	214.3	21.8
C.V.	4.8	5.6	1.5
LSD	21.6	17.0	0.7

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

University of Kentucky Hybrid Corn Performance Test
2023 State Summary

Early State Summary 2023

Name	YIELD (BU/AC)			MST (%)
	2023	2022-23	2021-23	
Stewart 11DT792	220.9	204.3	213.6	20.1
NuTech 70B4AM	216.3	197.8		20.3
Revere 0918 VT2P	214.5	196.5		20.1
Pioneer P0953AM	214.2	188.4		20.5
NuTech 68A7AM	214.0	192.3	210.8	20.0
LG Seeds LG58C48VT2Pro	213.8			21.4
FS InVISION 6173PC	213.5			19.8
FS InVISION 6017V RIB	213.4	200.2		20.3
Partners Brand PB 8105	213.4			21.2
DEKALB DKC111-35RIB	211.8	200.9		21.1
Croplan 4930	211.7	192.3	209.4	20.0
NuTech 66D1AM	211.5			19.7
Pioneer P1170AM	209.7			21.0
DEKALB DKC110-41RIB	208.4			20.7
Dyna-Gro D50VC09RIB	208.3	192.9		20.2
FS InVISION 6133VDG RIB	205.7			21.5
DEKALB DKC59-82RIB	204.0	192.7	207.0	20.3
Alliance Genetics X23036	202.0			19.9
Channel 210-46VT2PRIB	200.4	191.3	205.8	20.8
Revere 0707 DGVT2P	199.9			19.6
Average	210.4	196.6	209.3	20.4
C.V.	7.1	7.2	7.9	3.0
LSD	10.9	19.6	13.7	0.5

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

University of Kentucky Hybrid Corn Performance Test
2023 State Summary

Medium State Summary 2023

Name	YIELD (BU/AC)			MST (%)
	2023	2022-23	2021-23	
Beck's 6296LM	235.6	209.1		21.0
NuTech 72D4AM	227.8	199.7	218.3	20.8
Dyna-Gro D53VC54RIB	227.3			22.3
AgriGold A644-64VT2RIB	225.7			22.0
Croplan 5497	225.2	210.3	219.0	22.4
DEKALB DKC65-95RIB	224.3	208.1	217.5	22.4
AgriGold A643-52VT2RIB	223.9			22.1
NuTech 74A9AM	222.5	199.6	212.1	21.5
DEKALB DKC62-70RIB	222.3	207.5	216.4	21.3
AgriGold A645-16VT2PRO	221.0	204.9	216.7	22.4
LG Seeds LG64C43VT2Pro	220.9			21.8
Innictis A1462VT2PRIB	220.9			22.1
Pioneer P1222AM	220.7			20.8
Channel 215-70TRERIB	220.4			22.4
Croplan 5208	220.1			21.6
NuTech 75C1AM	219.7			21.9
Becks 6585TCV2P	219.6			22.9
Stewart 13DT634	219.4			21.4
NuTech 73A4AM	219.0			21.9
Croplan 5550	218.2		229.3	21.7
FS InVISION FS 6595V RIB	216.7	205.8	214.4	22.0
Stewart 17DP781	216.6	200.3	207.3	23.1
Partners Brand PB 8494	216.5			21.9
Stewart 14DT593	216.0	205.6		22.3
NuTech 74C4AM	216.0	191.5		21.6
Beck's 6414V2P	215.7	209.2	220.3	22.0
Revere 1307TC	215.6	195.5	208.0	21.0
Golden Harvest G12S75-D-EZ1	215.0			21.2
Stewart 18DP682	214.6	200.8	214.1	22.6
Innictis A1542T	214.2			22.2
Golden Harvest G14B32-DV-EZ1	214.1			21.4
Revere 1577 VT2PRIB	213.3	203.2	214.5	21.8
DEKALB DKC113-83RIB	213.0			21.2
Channel 214-78DGVT2PRIB	213.0	200.7	215.4	21.5
Pioneer P1289AM	212.8	201.8		21.1
Innictis A1292VT2PRIB	212.8			21.4
FS InVISION FS 6306T RIB	212.7	204.4	212.0	21.0
DEKALB DKC63-57RIB	212.3	201.9	213.0	21.7
Alliance Genetics 2214	211.8			22.0
DEKALB DKC64-22RIB	211.6	202.9		22.3
AgriGold A645-22TRCRIB	211.6			22.6
Stewart 15DP519	211.2	201.8	213.8	21.9
Stewart 15DT614	210.8			21.8
Partners Brand PB 8335	210.4	197.8	207.9	21.2
Great Heart HT-7360VT2RIB	209.0			21.6
Revere 1398VT2P	207.5	195.7	206.4	21.4
Dyna-Gro D53TC23RIB	206.7	196.3		21.1
Great Heart HT-7499TRCRIB	206.0			22.1
Average	217.0	202.4	215.0	21.8
C.V.	8.3	8.3	8.0	3.9
LSD	12.9	23.2	16.3	0.6

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

University of Kentucky Hybrid Corn Performance Test 2023 State Summary

Late State Summary 2023

Name	2023	YIELD (BU/AC)		MST (%)
		2022-23	2021-23	
DEKALB DKC68-35RIB	228.0	209.7		23.5
DEKALB DKC66-06RIB	226.0	202.6		22.8
FS InVISION 6625V RIB	221.5	202.3		22.5
Pioneer P1718AML	221.4	201.9		23.1
NuTech 77A5AM	219.8	202.7	215.0	21.9
Pioneer P1608AM	218.3			23.3
Revere 1839 TC	218.2			22.7
Revere 1627 TC	217.5			22.0
Dyna-Gro D56TC44RIB	216.9			22.0
DEKALB DKC117-78RIB	216.2			22.6
AgriGold A647-79VT2RIB	215.9			22.6
FS InVISION 6627T RIB	215.1	198.2		22.0
Golden Harvest G16Q82-AA-EZ1	214.0	193.9		22.3
DEKALB DKC67-94RIB	212.8	198.2	211.1	22.6
Croplan 5893	212.5			23.0
Innvincit A1792T	212.1			23.0
LG Seeds LG66C06VT2RIB	210.9	192.4		22.3
DEKALB DKC70-45RIB	209.7	193.3		23.2
LG Seeds LG67C07VT2Pro	209.2	196.7		22.7
Alliance Genetics X23086	207.3			22.3
Innvincit A1689T	206.5			22.6
Dyna-Gro D57VC53RIB	205.1			23.9
FS InVISION 6818V RIB	203.0	186.3	200.7	23.7
Golden Harvest G17B31-V-EZ1	202.0			22.8
Partners Brand PB 8702	200.8	191.3		23.9
LG Seeds LG68C18VT2Pro	192.9			23.3
Average	212.0	197.7	208.9	22.7
C.V.	8.2	8.7	8.5	3.7
LSD	13.5	23.7	16.4	0.7

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

University of Kentucky Hybrid Corn Performance Test 2023 State Summary

Conventional State Summary 2023

Name	YIELD (BU/AC)		MST (%)
	2023	2022-23	
PC Seed Co 6313	216.6		22.4
Alliance Genetics 2112	213.4		21.2
Spectrum 6593	211.3		23.1
Revere 1289 C	209.8		21.6
Alliance Genetics X23038	207.8		23.3
Spectrum 6416	207.5	190.9	22.3
PC Seed Co 5514	207.3		22.4
Alliance Genetics X23089	207.1		22.7
Revere 1707 C	204.3		23.1
PC Seed Co 8408	203.5		20.5
Spectrum 6228	202.3	190.5	20.8
FS InVISION 6324C	199.5		22.1
PC Seed Co 6616	199.4		23.6
FS InVISION 67S00	199.4	181.0	23.5
Partners Brand PB 8702C	198.7		23.3
Average	205.3	181.0	22.5
C.V.	7.5	8.0	3.8
LSD	13.3	21.9	0.7

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

KENTUCKY EXTENSION CORN PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I - Conventional Tillage

SCOTT ZOGLMANN

Planted:	4/11/2023	Harvested:	9/14/2023
Brand:	DeKalb DKC68-35VT2P	Moisture:	24.2
Herbicide:	2.5 qt. Acuron, 1 qt. Roundup, 1 pt. 2,4-D	Acreage:	1.3320
Insecticide:	None	Planting Population:	36,000
Fungicide:	13.7 oz. Trivapro	Yield/Acre:	322.30
Fertility:	314# N, 92# P ₂ O ₅ , 120# K ₂ O, 48# S, 1 qt. Terramar		

GOETZ BROTHERS FARMS

Planted:	4/25/2023	Harvested:	9/25/2023
Brand:	DeKalb DKC68-35RIB	Moisture:	19.4
Herbicide:	Acuron, Roundup, Atrazine	Acreage:	1.2929
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	312.76
Fertility:	206# N, 1 pt. B, 19 gal. 3-18-18		

GOETZ BROTHERS FARMS

Planted:	4/25/2023	Harvested:	9/25/2023
Brand:	DeKalb DKC66-06RIB	Moisture:	18.8
Herbicide:	Acuron, Roundup, Atrazine	Acreage:	1.2847
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	305.34
Fertility:	206# N, 1 pt. B, 19 gal. 3-18-18		

TRIPLE T FARMS

Planted:	4/13/2023	Harvested:	9/11/2023
Brand:	DynaGro D56TC44RIB	Moisture:	25.2
Herbicide:	Acuron, Roundup, 2,4-D	Acreage:	1.3753
Insecticide:	Bifenthrin	Planting Population:	37,000
Fungicide:	Trivapro at VT, Miravis at V6	Yield/Acre:	291.94
Fertility:	260# N, 34.5# P ₂ O ₅ , 105# K ₂ O, 2# Zn, 38# S, 2# B		

DARREL HAGAN

Planted:	4/13/2023	Harvested:	9/14/2023
Brand:	DeKalb DKC66-06RIB	Moisture:	26.0
Herbicide:	5 oz. Verdict, 1.6 oz. Zidua, 56 oz. Cornerstone, 1 qt. Atrazine, 1 pt. Armezon Pro	Acreage:	1.6198
Insecticide:	3.2 oz. Tundra	Planting Population:	36,000
Fungicide:	7 oz. Veltyma	Yield/Acre:	289.63
Fertility:	300# N, 2 tons Broiler Litter		

DARREL HAGAN

Planted:	4/8/2023	Harvested:	9/14/2023
Brand:	DeKalb DKC68-35RIB	Moisture:	26.3
Herbicide:	5 oz. Verdict, 1.6 oz. Zidua, 56 oz. Cornerstone, 1 qt. Atrazine, 1 pt. Armezon Pro	Acreage:	1.3836
Insecticide:	3.2 oz. Tundra	Planting Population:	36,000
Fungicide:	7 oz. Veltyma	Yield/Acre:	289.30
Fertility:	300# N, 2 tons Broiler Litter		

GOETZ BROTHERS FARMS

Planted:	4/25/2023	Harvested:	9/29/2023
Brand:	AgriGold A647-42VT2RIB	Moisture:	18.3
Herbicide:	Auron, Roundup, Atrazine	Acreage:	1.4835
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	289.10
Fertility:	206# N, 1 pt. B, 19 gal. 3-18-18		

DUSTIN HAGAN

Planted:	4/10/2023	Harvested:	9/7/2023
Brand:	Channel 210-46VT2PRIB	Moisture:	26.4
Herbicide:	Armezon, Roundup	Acreage:	1.4360
Insecticide:	Bifenthrin 3.2 2x	Planting Population:	36,500
Fungicide:	Veltyma 9 oz. at V-10	Yield/Acre:	286.38
Fertility:	240# N, Variable Rate N-P-K		

TRIPLE T FARMS

Planted:	4/13/2023	Harvested:	9/11/2023
Brand:	DynaGro D55VC80RIB	Moisture:	28.4
Herbicide:	Acuron, Roundup, 2,4-D	Acreage:	1.2789
Insecticide:	Bifenthrin	Planting Population:	40,000
Fungicide:	Trivapro at V-T, Miravis at V-6	Yield/Acre:	285.85
Fertility:	260# N, 34.5# P ₂ O ₅ , 105# K ₂ O, 2# Zn, 38# S, 2# B		

GOETZ BROTHERS FARMS

Planted:	4/25/2023	Harvested:	9/29/2023
Brand:	DynaGro D55VC80RIB	Moisture:	19.4
Herbicide:	Acuron, Roundup, Atrazine	Acreage:	1.4858
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	283.39
Fertility:	206# N, 1 pt. B, 19 gal. 3-18-18		

GOETZ BROTHERS FARMS

Planted:	4/21/2023	Harvested:	9/22/2023
Brand:	AgriGold A647-90VT2RIB	Moisture:	18.4
Herbicide:	Acuron, Roundup, Atrazine	Acreage:	1.2755
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	283.10
Fertility:	206# N, 1 pt. B, 19 gal. 3-18-18		

JASON HAGAN

Planted:	4/19/2023	Harvested:	9/18/2023
Brand:	Channel 214-78DGVT2PRIB	Moisture:	23.7
Herbicide:	5 oz. Verdict, 1.6 oz. Zidua, 56 oz. Cornerstone, 1 qt. Atrazine, 1 pt. Armezon Pro	Acreage:	1.2831
Insecticide:	3.2 oz. Tundra	Planting Population:	36,000
Fungicide:	7 oz. Veltyma	Yield/Acre:	278.98
Fertility:	250# N, 2 tons Chicken Litter		

GOETZ BROTHERS FARMS

Planted:	4/25/2023	Harvested:	9/29/2023
Brand:	DeKalb DKC67-94RIB	Moisture:	18.9
Herbicide:	Acuron, Roundup, Atrazine	Acreage:	1.4899
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	277.23
Fertility:	206# N, 1 pt. B, 19 gal. 3-18-18		

FISCHER FARMS PARTNERSHIP

Planted:	4/11/2023	Harvested:	9/14/2023
Brand:	AgriGold A645-15VT2RIB	Moisture:	22.8
Herbicide:	Armezon Pro, Atrazine	Acreage:	1.3434
Insecticide:	None	Planting Population:	33,000
Fungicide:	8 oz. Veltyma	Yield/Acre:	265.47
Fertility:	195# N, 60# K ₂ O, 24 gal. Convoy		

FLATLICK GRAIN FARMS, LLC

Planted:	4/11/2023	Harvested:	10/11/2023
Brand:	AgriGold A646-30VT2RIB	Moisture:	13.0
Herbicide:	Acuron, Offense XL, Roundup, 2,4-D, Atrazine	Acreage:	2.0028
Insecticide:	Ethos XB, Reveal, Endurex	Planting Population:	33,700
Fungicide:	Xyway 2x2, Veltyma at VT	Yield/Acre:	242.17
Fertility:	212# N, 80# P ₂ O ₅ , 120# K ₂ O, 1 qt. Zn, 30# S		

KENTUCKY EXTENSION CORN PRODUCTION CONTEST DAVIESS COUNTY ENTRIES

DIVISION I - No-Till

SCOTT ZOGLMANN

Planted:	4/11/2023	Harvested:	9/20/2023
Brand:	DeKalb DKC68-35VT2P	Moisture:	23.8
Herbicide:	2.5 qt. Acuron, 1 qt. Roundup, 1 pt. 2,4-D	Acreage:	1.3000
Insecticide:	None	Planting Population:	36,000
Fungicide:	13.7 oz. Trivapro	Yield/Acre:	308.46
Fertility:	314# N, 92# P ₂ O ₅ , 120# K ₂ O, 48# S, 1 qt. Terramar		

COLE HAMILTON

Planted:	5/2/2023	Harvested:	10/10/2023
Brand:	NK 1677-3110	Moisture:	19.0
Herbicide:	2.5 qt. Acuron, 1 qt. Roundup, 1 pt. Atrazine	Acreage:	1.3485
Insecticide:	Sultrus	Planting Population:	34,000
Fungicide:	13.7 oz. Miravis Neo, 13.7 oz. Trivapro	Yield/Acre:	276.72
Fertility:	260# N, 200# K ₂ O		

COLE HAMILTON

Planted:	5/2/2023	Harvested:	9/30/2023
Brand:	NK 1677-3110	Moisture:	18.8
Herbicide:	2.5 qt. Acuron, Roundup, Atrazine	Acreage:	1.2724
Insecticide:	Sultrus	Planting Population:	35,000
Fungicide:	Miravis Neo, Veltyma	Yield/Acre:	271.07
Fertility:	300# N, 250# K ₂ O		

PPJ THOMPSON FARMS

Planted:	5/4/2023	Harvested:	10/20/2023
Brand:	DeKalb DKC65-95RIB	Moisture:	15.0
Herbicide:	4 oz. Realm Q, 1.5 oz. Leadoff, 2 qt. Roundup ProMax, 1 oz. Accent Q, 2 qt. Infantry, 1 qt. 2,4-D LV6	Acreage:	1.5799
Insecticide:	1.5 oz. Lambda	Planting Population:	34,000
Fungicide:	7 oz. Aproach Prima	Yield/Acre:	239.67
Fertility:	200# N, 2 tons Turkey Litter		

FLAT LICK GRAIN FARMS, LLC

Planted:	4/13/2023	Harvested:	9/21/2023
Brand:	Pioneer P1289AM	Moisture:	17.7
Herbicide:	Acuron, Roundup, Offense XL, 2,4-D, Atrazine	Acreage:	1.5491
Insecticide:	Ethos XB, Reveal Endurex	Planting Population:	34,000
Fungicide:	Xyway LFR 2x2, Veltyma at V-10	Yield/Acre:	238.58
Fertility:	212# N, 80# P ₂ O ₅ , 120# K ₂ O, 1 qt. Zn, 30# S		

COLE HAMILTON

Planted:	4/19/2023	Harvested:	9/29/2023
Brand:	Invision 6306T	Moisture:	16.1
Herbicide:	2.5 qt. Acuron, Roundup, Atrazine, Gramoxone	Acreage:	1.3051
Insecticide:	Sultrus	Planting Population:	34,000
Fungicide:	Miravis Neo, Veltyma	Yield/Acre:	231.22
Fertility:	240# N, 200# K ₂ O		

KENTUCKY EXTENSION CORN PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION IV - Irrigated

DENNIS MCKAY

Planted:	4/20/2023	Harvested:	9/13/2023
Brand:	AgriGold 645-16VT2RIB	Moisture:	23.8
Herbicide:	Acuron	Acreage:	1.5379
Insecticide:	None	Planting Population:	38,000
Fungicide:	Veltyma	Yield/Acre:	298.84
Fertility:	300# N, 92# P ₂ O ₅ , 120# K ₂ O, Various Foliar		

KEN-MAUR FARMS

Planted:	5/15/2023	Harvested:	9/19/2023
Brand:	AgriGold 646-30VT2RIB	Moisture:	25.2
Herbicide:	4 oz. Realm Q, 1.5 oz. Leadoff, 2 qt. Roundup ProMax, 1 oz. Accent Q, 2 qt. Infantry, 1 qt. 2,4-D LV6	Acreage:	1.3726
Insecticide:	Lambda	Planting Population:	36,000
Fungicide:	Veltyma	Yield/Acre:	272.25
Fertility:	230# N, 300# P ₂ O ₅ , 200# K ₂ O, 10# Zn, 150# S, 15# B		

2023 DAVIESS COUNTY XTEND FLEX
COMPARISON OF EARLY MATURITY SOYBEANS 2.6 - 3.2 Group
5 Companies • 7 Brands
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

VARIETY	GERALD & JOEL BOSWELL FARMS	DON & BRIAN CECIL FARMS	VARIETY AVERAGE	RANK
Channel 2823RXF	80.6	69.7	75.2	5
Channel 3124RXF	75.5	93.1	84.3	4
Stewart 3144XF	81.1	96.2	88.6	2
AgriGold G3290XF	74.6	71.5	73.0	7
Asgrow AG30XF2	79.8	68.4	74.1	6
AgriGold G2950XF	81.1	88.4	84.7	3
NK NK31-J9XF	90.4	102.7	96.6	1

Daviess County Cooperative Extension Service
4800A New Hartford Road, Owensboro, Kentucky 42303 Phone: 270-685-8480
Clint Hardy, County Extension Agent for Agriculture and Natural Resources Education



**2023 DAVIESS COUNTY XTEND FLEX
EARLY MATURITY SOYBEAN VARIETY TEST PLOT
(2.6 - 3.2 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Boswell Farms
Planting Date:	April 18, 2023
Harvest Date:	September 15, 2023
Planting Population:	135,000
Herbicides:	Kyber, Eugenia
Fungicides:	Aproach Prima
Insecticides:	Reveal Endurx
Fertility:	None
Primary Soil Type:	Montgomery Silty Clay Loam
Row Width:	15 - 15" rows
Plot Location:	State Hwy 657, at Blackford Creek
Previous Crop:	Corn
Tillage Practice:	No-till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Channel 2823RXF	54.0	12.8	80.6	4
2. Channel 3124RXF	54.0	12.6	75.5	5
3. Stewart 3144XF	54.0	12.4	81.1	2
4. AgriGold G3290XF	54.5	12.2	74.6	7
5. Asgrow AG30XF2	55.0	11.6	75.5	6
6. AgriGold G2950XF	55.5	11.4	81.1	2
7. NK NK31-J9XF	54.0	13.0	90.4	1
Plot Average	54.4	12.3	79.8	

**2023 DAVIESS COUNTY XTEND FLEX
EARLY MATURITY SOYBEAN VARIETY TEST PLOT
(2.6 - 3.2 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Don and Brian Cecil
Planting Date:	April 19, 2023
Harvest Date:	September 25, 2023
Planting Population:	124,300
Herbicides:	6 oz. ZiduaPro, 24 oz. Roundup III, 8 oz. Outlook
Fungicides:	13.7 oz. Miravis Top
Insecticides:	3 oz. Endigo
Fertility:	1½ yd. Hog Compost, 60# K ₂ O
Primary Soil Type:	Collins Silt Loam
Row Width:	7 - 15" rows
Plot Location:	Short Station Road, Knottsville
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
Asgrow AG30XF4	56.0	13.1	60.7	
1. Channel 2823RXF	56.0	12.6	69.7	6
2. Channel 3124RXF	55.5	12.9	93.1	3
3. Stewart 3144XF	56.0	12.2	96.2	2
4. AgriGold G3290XF	55.5	12.4	71.5	5
5. Asgrow AG30XF2	56.0	12.0	68.4	7
6. AgriGold G2950XF	55.5	12.2	88.4	4
7. NK NK31-JXF	55.5	12.0	102.7	1
Plot Average	55.8	12.4	81.3	

**2023 DAVIESS COUNTY XTEND FLEX
COMPOSITE OF MID MATURITY SOYBEANS - 3.3 - 3.9 GROUP
6 Companies · 10 Brands**

VARIETY	DON & BRIAN CECIL FARMS	BOSWELL FARMS	GOETZ BROTHERS FARMS	VARIETY AVERAGE	RANK
Channel 3322RXF	85.0	95.7	66.2	82.3	6
Asgrow AG33XF3	102.3	86.8	69.4	86.2	5
Stewart 3531XF	102.2	78.5	62.8	81.1	8
Channel 3521RXF	101.9	79.3	65.3	82.2	7
NK NK37-B7XFS	98.7	66.3	64.7	76.6	10
Stewart 3843XF	104.2	81.7	76.2	87.4	4
Channel 3823RXF	106.6	84.8	75.2	88.9	3
Dyna-Gro S38XF22S	91.1	72.4	70.5	78.0	9
NK NK39-M8XF	115.0	76.3	78.8	90.0	2
AgriGold G3552XF	105.3	94.2	74.3	91.2	1

Daviess County Cooperative Extension Service

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2023 DAVIESS COUNTY XTEND FLEX
MID MATURITY SOYBEAN VARIETY TEST PLOT
(3.3 - 3.9 Group)
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Don & Brian Cecil Farms
Planting Date:	April 19, 2023
Harvest Date:	September 25, 2023
Planting Population:	124,300
Herbicides:	6 oz. ZiduaPro,
Fungicides:	13.7 oz. Miravis Top
Insecticides:	3 oz. Endigo
Fertility:	1½ yd. Hog Compost, 60# K ₂ O
Primary Soil Type:	Collins Silt Loam
Row Width:	7-15" rows
Plot Location:	Short Station Road, Knottsville
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Channel 3322RXF	56.0	12.1	85.0	10
2. Asgrow AG33XF3	56.0	12.1	102.3	5
3. Stewart 3531XF	56.0	12.0	102.2	6
4. Channel 3521RXF	56.0	12.0	101.9	7
5. NK NK37-B7XFS	56.0	11.8	98.7	8
6. Stewart 3843XF	56.0	11.8	104.2	4
7. Channel 3823RXF	56.0	12.0	106.6	2
8. Dyna-Gro S38XF22S	55.0	12.8	91.1	9
9. NK NK39-M8XF	55.5	11.7	115.0	1
10. AgriGold G3552SF	55.0	12.4	105.3	3
11. DynaGro S37XF33	55.5	12.0	91.2	
12. Asgrow AG35XF1	55.5	11.8	94.0	
13. Asgrow AG38XF3	56.0	11.9	90.8	
14. AgriGold G3724XF	56.0	11.7	87.4	
Plot Average	55.8	12.0	99.2	

**2023 DAVIESS COUNTY XTEND FLEX
MID MATURITY SOYBEAN VARIETY TEST PLOT
(3.3 - 3.9 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Boswell Farms
Planting Date:	April 18, 2023
Harvest Date:	September 15 and October 2, 2023
Planting Population:	135,000
Herbicides:	Kyber, Engenia
Fungicides:	Aproach Prima
Insecticides:	Reveal Endurx
Fertility:	None
Primary Soil Type:	Montgomery Silty Clay Loam
Row Width:	15 - 15" rows
Plot Location:	State Hwy 657, at Blackford Creek
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Channel 3322RXF	52.5	14.2	95.7	1
2. Asgrow AG33XF3	54.5	12.1	86.8	3
3. Stewart 3531XF	54.0	11.8	78.5	7
4. Channel 3521RXF	54.5	12.1	79.3	6
5. NK NK37-B7XFS	55.0	16.0	66.3	10
6. Stewart 3843XF	55.5	15.8	81.7	5
7. Channel 3823RXF	55.0	15.5	84.8	4
8. Dyna-Gro S38XF22S	55.0	15.0	72.4	9
9. NK NK39-M8XF	55.0	15.6	76.3	8
10. AgriGold G3552XF	54.0	15.5	94.2	2
11. Asgrow AG38XF3	54.5	14.9	92.5	
12. DynaGro S37XF33	55.0	15.7	79.3	
Plot Average	54.5	14.5	82.3	

2023 DAVIESS COUNTY XTEND FLEX**MID MATURITY SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Goetz Bros Farms
Planting Date:	April 13, 2023
Harvest Date:	October 2, 2023
Planting Population:	140,000
Herbicides:	Broadaxe, Roundup, 2,4-D, Liberty
Fungicides:	Miravis Top
Insecticides:	Hero
Fertility:	3.5 gallon 3-18-18
Primary Soil Type:	Wakeland Silt Loam
Row Width:	7-15" rows
Plot Location:	Foors Lane at Hillcrest Golf Course
Previous Crop:	Corn
Tillage Practice:	Conventional Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Channel 3322RXF	56.0	11.5	66.2	7
2. Asgrow AG33XF3	55.5	11.6	69.4	6
3. Stewart 3531XF	56.0	11.4	62.8	10
4. Channel 3521RXF	55.0	11.4	65.3	8
5. NK NK37-B7XFS	55.0	11.0	64.7	9
6. Stewart 3843XF	56.0	11.2	76.2	2
7. Channel 3823RXF	55.5	10.9	75.2	3
8. Dyna-Gro S38XF22S	55.0	11.3	70.5	5
9. NK NK39-M8XF	55.0	11.0	78.8	1
10. AgriGold G3552XF	55.0	11.1	74.3	4
11. Asgrow AG35XF1	55.0	10.9	79.0	
12. AgriGold G3724XF	56.0	11.6	73.7	
Plot Average	55.4	11.2	71.4	

**2023 DAVIESS COUNTY XTEND FLEX
LATE MATURITY SOYBEAN VARIETY TEST PLOT
(4.0 - 5.0 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Don and Brian Cecil
Planting Date:	May 25, 2023
Harvest Date:	October 20, 2023
Planting Population:	124,300
Herbicides:	6 oz. ZiduaPro, 24 oz. Roundup III, 8 oz. Outlook
Fungicides:	13.7 oz. Miravis Top
Insecticides:	3 oz. Endigo
Fertility:	2 tons Chicken Litter, 60# K ₂ O, 12.8 oz. Pro-Soil, 1 qt. SPNEBDI
Primary Soil Type:	Belknap
Row Width:	7 - 15" rows
Plot Location:	Pup Creek Rd, Knottsville
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. AgriGold G4094XF	55.5	14.6	94.6	1
2. Asgrow AG40XF1	55.5	14.9	81.4	7
3. Stewart 4053XF	56.0	14.6	84.0	4
4. Dyna-Gro S42XF93S	56.5	14.5	74.2	11
5. NK NK42-T5XF	56.5	14.7	94.1	2
6. Asgrow AG43XF2	56.0	14.6	85.9	3
7. NK NK44-J4XFS	56.5	15.0	76.0	10
8. Stewart 4533XF	56.5	13.9	82.0	6
9. Channel 4523RXF	57.0	14.6	82.7	5
10. Asgrow AG46XF3	57.0	14.5	80.4	8
11. Dyna-Gro S47XF23S	57.0	14.6	79.7	9
12. NK NK49-C2XFS	57.0	14.5	89.4	
13. NK NK48-A8XFS	56.5	15.0	80.7	
14. NK NK47-Z1XFS	57.0	14.3	80.1	
15. NK NK46-B4XFS	56.5	13.9	83.2	
16. NK NK43-X9XFS	56.5	14.1	87.8	
17. NK NK39-M8XF	56.5	14.1	85.3	
18. NK NK37-B7XFS	56.0	14.0	58.3	
Plot Average	56.4	14.5	83.2	

**2023 DAVIESS COUNTY ENLIST
SOYBEAN VARIETY TEST PLOT COMPARISON**
9 Companies · 17 Brands

VARIETY	GLENN THOMPSON	BRIAN NELTNER	VARIETY AVERAGE	RANK
NuTech 36N04E	79.7	79.9	79.8	9
Pioneer P37A18E	82.5	78.3	80.4	7
AgriGold G3957E3	80.0	84.8	82.4	6
Xitavo BASF XO3922E	77.1	83.1	80.1	8
FS HiSoy HS39E10	77.1	82.3	79.7	10
NK NK40-P5E3	86.8	93.1	90.0	1
Xitavo BASF XO4132E	81.9	76.9	79.4	12
Dyna-Gro S41EN72	81.8	77.1	79.4	11
NK NK42-A6E3S	84.3	83.1	83.7	4
Pioneer P42A84E	86.6	83.1	84.9	2
NuTech 42N05E	80.3	85.0	82.7	5
Dyna-Gro S45ES10	73.5	78.9	76.2	14
FS HiSoy HS45E00	80.6	78.2	79.4	13
AgriGold G4051E3	81.6	86.3	84.0	3
Channel CT36523E	69.8	80.9	75.3	15

**2023 DAVIESS COUNTY ENLIST
SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Glenn Thompson
Planting Date:	April 19, 2023
Harvest Date:	October 9, 2023
Planting Population:	155,000
Herbicides:	Anthem Max, 2,4-D, 40 oz. Interline, 1 qt. Roundup, 3 oz. Zidua
Fungicides:	13.72 oz. NeoTop
Insecticides:	3.0 oz. Lambda
Fertility:	18# N, 45# P ₂ O ₅ , 120# K ₂ O
Primary Soil Type:	Otwood Silt Loam
Row Width:	14 - 15" rows
Plot Location:	State Hwy 1554, Sorgho
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NuTech 36N04E	55.0	12.7	79.7	11
2. Pioneer P37A18E	55.5	12.4	82.5	4
3. AgriGold G3957E3	55.5	12.3	80.0	10
4. Xitavo BASF XO3922E	55.5	12.6	77.1	12
5. FS HiSoy HS39E10	55.5	12.5	77.1	12
6. NK NK40-P5E3	55.5	12.8	86.8	1
7. Xitavo BASF XO4132E	55.5	12.6	81.9	5
8. Dyna-Gro S41EN72	55.0	12.7	81.8	6
9. NK NK42-A6E3S	55.5	12.6	84.3	3
10. Pioneer P42A84E	55.5	12.7	86.6	2
11. NuTech 42N05E	56.0	12.2	80.3	9
12. Dyna-Gro S45ES10	55.5	12.3	73.5	14
13. FS HiSoy HS45E00	56.0	12.7	80.6	8
14. AgriGold G4051E3	56.0	12.4	81.6	7
15. Channel CT36523E	55.0	12.5	69.8	15
Plot Average	55.5	12.5	80.2	

**2023 DAVIESS COUNTY ENLIST
SOYBEAN VARIETY TEST PLOT**
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Brian Neltner
Planting Date: May 4, 2023
Harvest Date: October 2, 2023
Planting Population: 133,500
Herbicides: Enlist, Roundup, Gramoxone
Fungicides: None
Insecticides: None
Fertility: 2 tons Chicken Litter
Primary Soil Type: Huntington Silt Loam
Row Width: 11 - 15" rows
Plot Location: Laketown Road, Newman
Previous Crop: Soybean
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NuTech 36N04E	57.0	11.2	79.9	10
2. Pioneer P37A18E	55.5	10.7	78.3	12
3. AgriGold G3957E3	57.0	11.3	84.8	4
4. Xitavo BASF XO3922E	55.0	10.9	83.1	5
5. FS HiSoy HS39E10	57.0	11.2	82.3	8
6. NK NK40-P5E3	54.0	11.0	93.1	1
7. Xitavo BASF XO4132E	56.5	11.0	76.9	15
8. Dyna-Gro S41EN72	54.0	10.7	77.1	14
9. NK NK42-A6E3S	57.0	11.4	83.1	5
10. Pioneer P42A84E	55.5	10.8	83.1	5
11. NuTech 42N05E	57.5	10.9	85.0	3
12. Dyna-Gro S45ES10	54.5	10.9	78.9	11
13. FS HiSoy HS45E00	56.5	11.1	78.2	13
14. AgriGold G4051E3	56.0	10.5	86.3	2
15. Channel CT3623E	55.5	10.9	80.9	9
16. Beck's 4320E3	54.5	10.6	80.1	
Plot Average	55.8	10.9	81.9	

**2023 DAVIESS COUNTY ENLIST
SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Pat and Brian Thompson
Planting Date:	May 19, 2023
Harvest Date:	October 25, 2023
Planting Population:	135,000
Herbicides:	24 oz. Boundary, 32 oz. Roundup, 18 oz. 2,4-DLV6
Fungicides:	None
Insecticides:	None
Fertility:	2 tons Turkey Litter
Primary Soil Type:	Patton Silt Loam
Row Width:	22 - 7.5" rows
Plot Location:	Hwy 258, St. Joseph
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	ACRES	HARVEST YIELD	RANK
1. NuTech 36N04E	55.5	9.6	0.1089	70.0	10
2. Pioneer P37A18E	55.5	9.3	0.1097	42.7	15
3. AgriGold G3957E3	55.0	9.3	0.1106	75.4	2
4. Xitavo BASF XO3922E	55.5	9.1	0.1114	67.2	12
5. FS HiSoy HS39E10	55.5	9.1	0.1123	71.3	8
6. NK NK40-P5E3	55.5	9.2	0.1131	70.7	9
7. Xitavo BASF XO4132E	55.5	9.1	0.1140	68.8	11
8. Dyna-Gro S41EN72	55.0	9.0	0.1148	74.4	3
9. NK NK42-A6E3S	56.0	9.2	0.1156	52.6	14
10. Pioneer P42A84E	56.0	9.2	0.1165	73.2	4
11. NuTech 42N05E	56.5	8.9	0.1181	76.9	1
12. Dyna-Gro S45ES10	56.5	9.0	0.1196	71.4	7
13. FS HiSoy HS45E00	56.0	9.2	0.1212	73.2	4
14. AgriGold G40S1E3	56.0	8.9	0.1228	72.5	6
15. Channel CT3623E	55.5	8.9	0.1244	63.1	13
16. NuTech 37N03E	56.5	8.8	0.1150	66.8	
17. NuTech 39N07E	56.0	8.8	0.1056	67.8	
18. LG 3830	56.5	9.0	0.0963	70.6	
Plot Average	55.8	9.1	0.1	68.3	

*Plot consistency was reduced by a late-season infestation of fall panicum

2023 SOYBEAN STRIP CHECKS

KEN-MAUR FARMS

Brand: AgriGold 3030XF	Yield/acre: 88.42
Harvested: 9/15/2023	Moisture: 12.5

WINKLER FARMS

Brand:	Yield/acre: 73.06
Harvested: 10/3/2023	Moisture: 12.1

Brand:	Yield/acre: 69.76
Harvested: 10/3/2023	Moisture: 12.1

2023 Kentucky Soybean Variety Trial – Late Maturity (MG 4.7 - 5.1)
Strode Farms – Daviess County Plot Host

Variety	MG	Herbicide Technologies	State Average*			Protein %	Oil %	Height (In)	Maturity Date September	Lodging*
			2023 Yield (bu/a)	2022-23 Yield (bu/a)	Daviess Yield (bu/a)					
Revere 4826XF	4.8	XTFlex	83.7	69.9	94.5	38.2	21.4	39	28	1.6
Innotech 5143E3	5.1	E3	83.6		96.0	37.9	21.3	41	31	2.3
NuTech 47N04E	4.7	E3	83.5	71.4	91.9	36.7	21.1	42	28	2.2
USG 7474XFS	4.7	XTFlex/STS	82.9		88.7	38.5	21.5	39	29	1.5
PIONEER P48A14E	4.8	Enlist E3	79.7	68.9	85.5	37.4	21.0	45	28	2.3
ASGROW AG49XF4	4.9	XF/SR	79.6		90.1	37.3	20.8	40	29	2.6
ASGROW AG49XF3	4.9	XF	79.4	69.5	89.8	38.7	20.8	43	32	2.0
HS 48F30	4.8	XTFlex	79.4		87.4	37.9	21.2	41	29	1.7
STEWART 4834XF	4.8	XTFlex	79.3		91.9	37.5	20.5	40	30	2.8
Revere 4795XS	4.7	Xtend/STS	79.3	70.7	86.1	38.0	21.6	40	29	2.2
Xitavo XO 4894E	4.8	Enlist E3	79.2		85.8	37.7	21.4	41	29	1.8
ASGROW AG48XF3	4.8	XF/SR	79.0	69.8	94.9	38.2	21.7	42	29	1.6
Dyna-Gro S48EN73	4.8	Enlist E3	79.0	65.5	92.7	37.6	21.6	41	28	1.9
Innotech 4983E3S	4.9	E3/STS	78.8		87.9	38.0	21.6	43	29	1.5
HS 47E30	4.7	E3/Enlist	78.7		85.9	39.0	22.4	38	26	1.8
Innvincit A5003XF	5.0	XTFlex	78.6		77.3	37.0	22.3	38	33	2.4
Dyna-Gro S47XF23S	4.7	XTFlex/STS	78.2	67.8	81.6	36.9	22.1	41	28	1.7
STINE 47EE02	4.7	E3	78.2	66.4	86.4	38.4	21.2	43	28	1.8
Innvincit A4862XF	4.8	XTFlex	77.9		76.6	37.8	21.3	40	29	1.9
Dyna-Gro S49XF43S	4.9	XTFlex/STS	77.8		78.9	37.5	21.5	38	32	2.5
STINE 50EE12	5.0	E3	77.0	65.2	86.0	37.5	20.7	40	32	2.0
ARMOR 49-E72	4.9	Enlist/E3/STS	76.8		86.9	37.2	21.7	43	30	2.3
STINE 48EE20	4.8	E3	76.1	65.5	81.9	38.6	21.4	42	28	1.9
GDM V4921S	4.9	CONV	75.7		74.5	36.4	21.9	38	30	1.8
Revere 5029XF	5.0	XTFlex	73.7	65.8	81.4	38.2	21.2	44	33	2.9
HS 48E10	4.8	E3/Enlist	72.4	65.6	87.7	37.3	21.0	39	29	2.3
STINE 49EE21	4.9	E3	65.3		73.0	39.3	20.7	42	34	2.8
ESSEX (check-1974)	5.0	CONV	62.4	53.0	66.3	40.6	20.8	38	30	2.0
MO S18-6328C	5.0	Conv	61.3	57.1	68.8	38.3	20.4	45	33	5.0
P48MO21	4.8	CONV	57.2		62.5	39.8	19.7	44	32	4.7
PENNYRILE (check-1987)	4.7	CONV	57.1	45.8	53.5	39.8	20.3	46	28	2.2
MO S17-17644C	4.8	CONV	52.5		58.2	37.4	20.0	48	35	5.0
Average			75.1	64.9	82.2	38.0	21.2	41	30	2.3
C.V. (%)			6.3	6.8	6.2					
LSD (0.10)			3.7	1.7	9.8					

* Summary of six full season trials - (Daviess, Logan, Calloway, Caldwell, Woodford and Fayette). Late planted trials not included in State Average.

Protein and Oil values (NIR) from 3 reps at Fayette County location.

Height and maturity date measured at Fayette Co. location (3 reps).

Planting date: Daviess - 4/26/23

Harvest Date: Daviess - 10/4/23

Lodging scale: 1 = no lodging, 5 = 100% lodging.

2023 Kentucky Soybean Variety Trial – Early Maturity (MG 2.7 - 3.9)
Strode Farms – Daviess County Plot Host

Variety	MG	Herbicide Technologies	State Average*			Protein %	Oil %	Height (In)	Maturity Date September	Lodging*
			2023 Yield (bu/a)	2022-23 Daviess Yield (bu/a)	Daviess					
NuTech 37N03E	3.7	E3	87.3		92.3	37.8	22.9	37	20	1.9
PIONEER P37A18E	3.7	Enlist E3	86.0		94.2	37.4	23.3	30	21	1.0
STEWART 3954XF	3.9	XTFlex	85.8		91.6	36.3	22.3	37	25	1.8
CHANNEL 3924RXF	3.9	XTFlex	85.4		88.7	36.1	22.4	37	25	1.8
USG 7394XFS	3.9	XTFlex/STS	85.3		94.7	37.1	22.3	38	24	2.6
CHANNEL 3823RXF	3.8	XTFlex	85.2	72.9	91.7	36.8	22.1	38	24	2.1
STINE 39EF32	3.9	E3	85.0		95.0	35.1	23.5	36	24	2.4
HS 38F20	3.8	XTFlex	84.9	70.7	91.8	35.6	22.6	36	21	1.9
HS 35E10	3.5	E3/Enlist	84.7	72.4	90.6	36.9	23.7	34	19	1.3
Golden Harvest GH3994E3	3.9	E3	84.0		86.5	36.1	23.8	33	22	1.4
HS 39F30	3.9	XTFlex	83.8		87.5	36.2	23.5	35	24	1.7
ARMOR 39-F73	3.9	XTFlex	83.7	69.8	86.0	36.0	22.1	34	24	2.0
Xitavo XO 3803E	3.8	Enlist E3	83.4		97.0	35.8	23.6	34	23	2.7
STINE 38EF32	3.8	E3	83.3		90.6	34.6	24.0	34	23	2.4
STINE 39EC22	3.9	E3	83.1	69.9	77.4	35.9	23.4	31	25	1.9
AGRIGOLD G3957E3	3.9	E3	83.0		84.4	35.5	23.9	32	24	1.8
STEWART 3843XF	3.8	XTFlex	82.8	69.8	95.6	36.8	22.2	37	24	1.7
Revere 3908XFS	3.9	XTFlex/STS	82.6	68.6	92.7	37.8	21.6	35	23	2.2
Xitavo XO 3922E	3.9	Enlist E3	82.6	71.2	83.5	35.9	23.5	32	24	2.1
Innotech 3750E3S	3.7	E3/STS	82.4		91.3	38.3	23.2	33	19	1.9
PB 3923 E3 S	3.9	E3, STS	82.3	70.3	93.6	36.0	23.7	36	24	2.6
Dyna-Gro S38XF22S	3.8	XTFlex/STS	82.2	69.6	85.1	35.6	23.7	37	24	2.2
NuTech 36N04E	3.6	E3	82.0		85.1	37.4	22.0	33	20	1.2
NuTech 34N02E	3.4	E3	81.7	70.1	82.9	37.5	22.7	34	19	1.7
Innotech 3961E3S	3.9	E3/STS	81.2		93.5	36.1	23.8	28	24	1.7
ASGROW AG38XF3	3.8	XF	80.7	65.6	84.7	37.9	21.7	34	22	1.1
NuTech 39N07E	3.9	E3	80.3	68.9	80.0	38.2	22.5	36	24	1.8
ASGROW AG35XF1	3.5	XF	79.7		77.5	36.5	23.0	33	20	1.7
PB 3323 E3 S	3.3	E3, STS	79.4	65.6	88.4	38.9	23.4	32	19	1.7
HS 32E30	3.2	E3/Enlist	79.1		84.7	36.8	23.4	34	17	1.8
Innictis A3992XF	3.9	XTFlex	79.0		80.6	36.6	22.0	32	24	1.9
NuTech 33N04E	3.3	E3	78.6		86.5	37.2	23.2	33	19	1.6
ASGROW AG33XF3	3.3	XF	76.9		73.3	37.7	22.0	33	18	1.4
ASGROW AG30XF4	3.0	XF	75.7		79.6	39.1	21.1	31	17	1.1
ASGROW AG30XF2	3.0	XF	75.4	59.7	83.5	39.6	21.3	36	16	1.5
ASGROW AG27XF3	2.7	XF	74.8		81.0	36.4	23.5	35	16	2.4
P38MO023	3.8	CONV	73.7		76.0	37.4	22.6	33	21	1.3
Average			81.5	69.0	86.6	36.8	22.9	34	22	1.9
C.V. (%)			5.9	7.0	7.0					
LSD (0.10)			2.6	2.0	11.9					

* Summary of six full season trials - (Daviess, Logan, Calloway, Caldwell, Woodford and Fayette). Late planted trials not included in State Average.

Protein and Oil values (NIR) from 3 reps at Fayette County location.

Height and maturity date measured at Fayette Co. location (3 reps).

Planting date: Daviess - 4/26/23

Harvest Date: Daviess - 10/3/23

Lodging scale: 1 = no lodging, 5 = 100% lodging.

KENTUCKY EXTENSION SOYBEAN PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I - Single Crop

O'BRYAN GRAIN FARMS

Planted:	4/10/2023	Harvested:	9/25/2023
Brand:	Pioneer P32T26E	Moisture:	13.9
Herbicide:	Glyphosate, 2,4-D, Enlist, Prefix	Acreage:	3.1811
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	105,000
Fertility:	2 tons Compost, Lagoon Water	Yield/Acre:	100.80

O'BRYAN GRAIN FARMS

Planted:	4/4/2023	Harvested:	9/22/2023
Brand:	Pioneer P35T15E	Moisture:	14.7
Herbicide:	Glyphosate, 2,4-D, Enlist, Prefix	Acreage:	3.8507
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	105,000
Fertility:	2 tons Compost	Yield/Acre:	97.18
		Check 2:	96.11

COLE HAMILTON

Planted:	4/15/2023	Harvested:	10/18/2023
Brand:	NK 40-P5E3	Moisture:	13.5
Herbicide:	BroadAxe, 2,4-D, Roundup, Enlist, Anthem Max	Acreage:	3.0000
Insecticide:	Endigo	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	130,000
Fertility:	250# K ₂ O	Yield/Acre:	95.12

C AND T FARMS LLC

Planted:	4/12/2023	Harvested:	10/2/2023
Brand:	Pioneer P37A18E	Moisture:	13.7
Herbicide:	Zidua SC, Paraquat, 2,4-D LV6, Roundup, Enlist One, Clethodim	Acreage:	3.0810
Insecticide:	4 oz. Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	140,000
Fertility:	27# N, 69# P ₂ O ₅ , 90# K ₂ O, 1 pt. Catalyst, 2 qt. KRev, 2 oz. WeatherKing	Yield/Acre:	92.29

KEN-MAUR FARMS

Planted:	4/6/2023	Harvested:	9/15/2023
Brand:	AgriGold XF 3030	Moisture:	12.3
Herbicide:	Anthem Max, Liberty	Acreage:	3.1530
Insecticide:	Lambda	Tillage:	Conventional
Fungicide:	Priaxor	Planting Population:	110,000
Fertility:	None	Yield/Acre:	90.37

COLE HAMILTON

Planted:	5/28/2023	Harvested:	11/7/2023
Brand:	NK 44-Q5E3S	Moisture:	11.3
Herbicide:	BroadAxe, 2,4-D, Roundup, Enlist, Liberty, Zidua	Acreage:	3.1960
Insecticide:	Endigo	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	135,000
Fertility:	200# K ₂ O	Yield/Acre:	78.79

KENTUCKY EXTENSION SOYBEAN PRODUCTION CONTEST DAVIESS COUNTY ENTRIES

DIVISION II - Double Crop

GOETZ BROTHERS FARMS

Planted:	6/28/2023	Harvested:	10/5/2023
Brand:	Asgrow AG40XF1	Moisture:	10.6
Herbicide:	Roundup, 2,4-D, Liberty	Acreage:	3.5440
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	135,000
Fertility:	3.5 gal. 3-18-18	Yield/Acre:	88.50

GOETZ BROTHERS FARMS

Planted:	6/28/2023	Harvested:	10/5/2023
Brand:	Asgrow AG40XF1	Moisture:	10.6
Herbicide:	Roundup, 2,4-D, Liberty	Acreage:	3.5440
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	135,000
Fertility:	3.5 gal. 3-18-18	Yield/Acre:	69.20
		Check 2:	68.92

KEN-MAUR FARMS

Planted:	6/24/2023	Harvested:	10/24/2023
Brand:	AgriGold 4615XF	Moisture:	9.9
Herbicide:	Liberty, Roundup, Zidua SC	Acreage:	3.2710
Insecticide:	Lambda T-2	Tillage:	No-Till
Fungicide:	Priaxor and Tilt	Planting Population:	160,000
Fertility:	None	Yield/Acre:	64.17

KENTUCKY EXTENSION WHEAT PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I - Conventional Tillage

KEN-MAUR FARMS

Planted:	10/10/2022	Harvested:	6/27/2023
Brand:	Brown Bag No Name	Moisture:	13.7
Herbicide:	Harmony Xtra	Acreage:	3.4100
Insecticide:	Miravis	Tillage:	Disk 2x
Fungicide:	Palisade	Yield/Acre:	103.09
Fertility:	132# N, 69# P ₂ O ₅ , 90# K ₂ O		

DIVISION II - No Tillage

TANNER STROUP

Planted:	10/10/2022	Harvested:	6/26/23
Brand:	AgriMaxx 516	Moisture:	14.5
Herbicide:	Quelex	Acreage:	3.3100
Insecticide:	Miravis ACE	Yield/Acre:	127.61
Fungicide:	Warrior		
Fertility:	126# N, 92# P ₂ O ₅ , 120# K ₂ O		



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