

Daviess County 2022

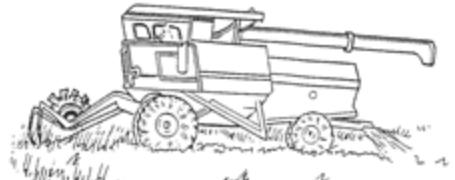
Research and Demonstration Plots

This year's plot book is dedicated in
memory of Joey Thompson

May 2, 1968 – June 20, 2022



**Cooperative Extension Service
Daviess County
4800A New Hartford Road
Owensboro, Kentucky 42303
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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.

Special thanks goes to the cooperators involved in the corn, soybean, and tobacco variety trials and demonstration plots. Their contribution of time and resources are invaluable to the area.

Thanks to Troy Muse, Adult Vocational Agriculture Instructor, for his help in weighing plots and for his collection of data for this report.

A grateful thanks goes to the seed companies and their representatives for providing seed for these plots and the Extension Office Staff Assistants for their outstanding effort in preparing this booklet.

CORN

Gerald & Joel Boswell Farms
Bill Brey Farms
Don & Brian Cecil Farms
Brian Neltner/Settles 3 Chicks
Goetz Brothers Farms
Kevin and Clint Hardy
Jeff Rice
Strode Farms
Stephen Farms

SOYBEANS

Gerald & Joel Boswell Farms
Don & Brian Cecil Farms
Brian Neltner/Settles 3 Chicks
Glenn Thompson
PPJ Thompson Farms
Joe Hagman

2022 KING CORN

GROWER	COMPANY/BRAND	ACREAGE	YLD/AC
Tanner Stroup	AgriGold A645-16VT2RIB	1.2569	301.86

KING CORN HISTORY

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 6499STXRB	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
2014	Castlen Brothers Farms	Pioneer P2089AM	1.7672	303.26

2022 BOSS BEAN

GROWER	COMPANY/BRAND	ACREAGE	YLD/AC
McKay Farms	AgriGold AG3957E3	3.1060	112.06

BOSS BEAN HISTORY

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	4.694	98.31
2014	Castlen Brothers Farms	Pioneer 94Y23	4.3370	86.15

2022 ELITE WHEAT

GROWER	COMPANY/BRAND	ACREAGE	YLD/AC
Jeff Coke	Pioneer 25R28	3.158	118.08

ELITE WHEAT HISTORY

2021	Glenn Thompson	Pioneer 25R59	4.820	131.93
2020	PPJ Thompson Farms	Agrimax 438	3.8400	97.18
2019	Jeff Coke	Pioneer 25R50	5.78	114.73
2018	Tony & Joe Fischer Farms	Steyer Wharton	3.19	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
2014	Jeff Coke	Steyer KIDWELL	3.0800	120.59

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		Days to Maturity
Beck's 6296AM	112	BH Genetics BH8121	111
Pioneer P1289AM	112	FS InVision FS62Z00	112
DeKalb DKC62-70RIB	112	Stewart 14CV339	114
NuTech 72D4AM	112	BH Genetics BH8420	114
FS InVision FS6306TRIB	113	Stewart 15CV519(Check)	115
Beck's 6374V2P	113	Beck's 6557	115
AgriGold A643-52VT2RIB	113	BH Genetics BH8555	115
Stewart 14DT593	114	FS InVision FS67S00	117
Dyna-Gro D54VC34RIB	114	Beck's 6774	117
NuTech 74C4AM	114	Stewart 17CV387	117
AgriGold A645-16VT2RIB	115	BH Genetics BH 8780	117
Dyna-Gro D55VC80RIB(Check)	115		
LG Seeds LG66C44VT2RIB	116		
DeKalb DKC67-94RIB	117		
NK NK1701-3220	117		
FS InVision FS6818VRIB	118		
Pioneer P1847AML	118		
Dyna-Gro D58VC22	118		
NK NK1838-3110	118		

EARLY MATURITY XTEND SOYBEANS

<u>Maturity</u>	
Dyna-Gro S28XF92S	2.8
Stewart 2952XF	2.9
Dyna-Gro S31XF82	3.1
NK NK31-J9XF	3.1

MID MATURITY XTEND SOYBEANS

<u>Maturity</u>	
AgriGold G3494XF	3.4
Beck's 3663XF	3.6
Beck's 3555XF	3.5
Asgrow AG35XF1	3.5
Stewart 3531XFF	3.5
Beck's 3663XF	3.6
AgriGold G3724XF	3.7
Stewart 3843XF	3.8
Asgrow AG38XF1	3.8
Dyna-Gro S38XF22S	3.8
NK NK38-G9XF	3.8
Dyna-Gro S39XF41	3.9
NK NK39-M8XF	3.9

LATE MATURITY XTEND SOYBEANS

<u>Maturity</u>	
Asgrow AG40XF1	4.0
AgriGold G4094XF	4.0
Asgrow AG43XF2	4.3
NK NK43-Y9XFS	4.3
Stewart 4353XF	4.3
NK NK44-J4XFS	4.4
Dyna-Gro S45XF02	4.5
Beck's 4553XF	4.5
Stewart 4533XF	4.5
FS HiSOY HS46F00	4.6
Dyna-Gro S46XF31S	4.6
AgriGold G4615XF	4.6
Beck's 4885XF	4.8

ENLIST SOYBEANS

<u>Maturity</u>	
Pioneer P35T15E	3.5
Dyna-Gro S36ES70	3.6
NuTech 39N07E	3.9
AgriGold 3957ES	3.9
Xitavo BASF X03922E	3.9
NuTech 40N02E	4.0
NK NK40-P5E3	4.0
Beck's B4030E3	4.0
Dyna-Gro S41EN72	4.1
Partners Brand PB4123-E3	4.1
Xitavo BASF X04123E	4.1
FS HiSOY HS42E10	4.2
Partners Brand PB423	4.2
Beck's B4230E3	4.3
NK NK44-Q5E3S	4.4
FS HiSOY HS45E00	4.5
Pioneer P45A79E	4.5

2022 Crop Year in Review

Agriculture is an enormous economic driver in Daviess County. Corn, soybean, and forage production encompasses more than sixty percent of the land surface, cared for by more than 800 farm businesses. In addition to production, Daviess County is a regional hub for supplying farms with necessary production resources, repairs, and machinery, as well as marketing opportunities for livestock, poultry, grain, and processed grain products. Several events occurred in 2022 which put focus on agricultural productivity, the supply and distribution network, inflation of production expenses, world grain supply and demand, and our advantage of access to river transportation and the cost when it is unavailable.

2022 began on the euphoria of historic net farm revenues from 2021 which provided record-breaking corn and soybean yield, marketed at higher prices than the previous several years, and grown on input prices that had not yet inflated. Indeed, producers knew that despite some challenges, profit from 2021 was great but we were facing 2022 with expectations of reduced supply availability, increased production expense, and the reality that we had been ten years since the last drought. With that in mind, many across the country chose to reduce planted corn acres for more soybeans. Those who made that decision in Daviess County made the right decision.

Weather conditions were typical for January, one light snow in the first week, mild temperatures most of the month, and a sharp cool down in the last week and the first week of February. In general, conditions were dry. Soils did freeze in the last week, but gravel roads did not soften, an indication of low subsoil moisture. A light ice event in early February gave way to warmer weather and a lot of rain. Three heavy rain events in the last two weeks of February reversed concerns about subsoil moisture. Panther Creek overflowed as rivers rose to moderate flood stages. Significant soil erosion could be seen in fields where fall tillage or herbicide application was done as a result of softening by the earlier freezes and multiple rains. A lot of discussions in January and February pertained to the inflation of input prices and if some products would even be available. The glyphosate and glufosinate products were two of particular availability concerns with China stopping the manufacture of their acid ingredients in an effort to improve their air quality prior to hosting the Winter Olympics.

March came in with warmer, drying weather, and world attention on the Russian invasion of Ukraine. World grain, fertilizer, and energy markets shuttered, and prices shot higher as Ukraine corn and wheat, and Russian wheat and fertilizer inventories suddenly became unavailable for export. By the third week, sprayers and anhydrous ammonia wagons were moving throughout the county before a cool fourth week delivered an inch and a half of rain-stopping activities. The last week of March was clear but cool, keeping activities paused. April was not productive. Heavy rain in the first two weeks stopped all activities. Temperatures were below normal as well, but clearing began in the third week and some of the first corn was planted Sunday the 24th. An additional half inch came the next day, but sunshine and wind allowed planters back out late in the week getting a limited amount of corn and soybeans planted in April.

May delivered weather that was needed. Hot and dry all month provided optimum conditions to plant the corn and soybean crop, set the limited amount of tobacco still grown, and cut the first hay. Many complained about reduced hay yields, blaming the results on limited growth during the cool, wet April. Crops were growing great. There was far less slug

damage than we've encountered in recent years, but voles did considerable feeding in no-till soybeans. Wheat yields were good, and more acres were harvested than in recent years. Most growers had a large percentage of the crop price contracted but some were able to enjoy very lucrative prices resulting from the situation in Ukraine. Temperatures climbed higher in June. Adequate soil moisture with hot sunshine is the perfect recipe for optimum plant growth, but by late in the month rain was needed. Those with irrigation put it to work but the rest were hoping for rain in the first weekend of July, forecast for an 80% chance of rain.

No rain. No rain fell on our July 4 holiday weekend. The heat climbed, early planted corn began to tassel, and people started to worry. We had a much better crop growing than in 2012 but people could not help but remember that pollination fails when extreme heat and lack of soil moisture meet. The western and central areas of the county did receive some light rain late in the first week of July, but it was not received east of highway 231. Finally, luck began to change. Nearly all of the county received between 2 and 3 inches of rain early in the third week of July followed by a huge storm in the fourth week which dumped nearly eight inches in some areas.

August came in like a lion for a few unlucky farmers near West Louisville who encountered severe wind and hail on tobacco, corn, and soybeans. In general, the weather for most of August was clear and cool. Adequate soil moisture was great for soybean pod fill and corn kernel development but the effects of the lack of rainfall were evident in the corn. The most severe fields failed to pollinate, others expressed significant tip-back and zipper ear pollination problems. Many fields expressed stunted height but did somehow manage to pollinate an ear. People simply did not know what yields to expect but no one expected the record-breaking yields of recent years.

As with May planted corn, field dry-down seemed to take an extra week or two. Moisture did not go below 20% until the third week of September. Rain was absent most of the month with the only measurable rain falling on the 19th. That would be the last rain until October 25. In general, corn yields were better than anticipated but far less than the record-setting yields of 2020 and 2021. Soybean yields were better, a benefit of a much larger range to set and fill pods. The greatest cost was the lack of rain in September and October dropping Mississippi river levels to unnavigable depths, pushing the prices buyers could pay for corn and soybeans as much as \$1.50 less than market price. Barge freight skyrocketed to more than 2,000% above tariff. Also, the dry conditions dropped soybean harvest moisture to 10% or less for three weeks, resulting in a loss of 2-3 bushels per acre on tens of thousands of acres of harvested soybeans.

Many are looking ahead to 2023 with optimistic anticipation. While some did suffer significant losses in 2022 corn yield, prices resulting from reduced U.S. yields and the loss of Ukraine supply will keep corn and soybean prices above normal in 2023. It, too, is certain that fertilizer prices will remain at levels well above normal, reducing profitability. Forecasts are for continued inflation of chemical, fuel, labor, and repair expenses in 2023. There is joy that COVID-19 is behind us. The next goals are to get inflation under control, get Russia out of Ukraine, and get the manufacturing and distribution of crop chemicals and repair parts back to normal availability.



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Daviess County Extension Agent
for Agriculture and Natural Resources Education

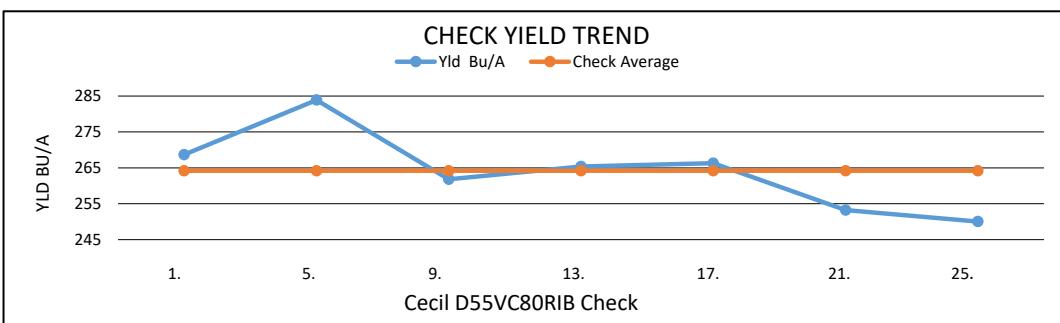
2022 DAVIESS COUNTY YELLOW CORN COMPOSITE
10 COMPANIES · 19 BRANDS

BRAND / HYBRID	KEVIN & CLINT HARDY FARMS	BRIAN NELTNER FARMS	BOSWELL FARMS	GOFETZ FARMS	PROTHIERS FARMS	RANK	HYBRID AVERAGE	2021 AVERAGE	2020 AVERAGE	2022 AVERAGE
1. Beck's 6296AM	239.0	170.8	206.5	236.3	212.2	256.0	17	220.1		
2. Pioneer P1289AM	266.0	202.3	209.3	231.9	218.8	247.2	11	229.3		
3. DeKalb DKC62-70RIB	243.3	204.6	213.8	234.5	223.1	257.0	10	229.4		
4. NuTech 72D4AM	243.6	204.1	200.6	237.9	215.9	253.2	13	225.9		
5. FS InVision FS6306TRIB	248.6	203.9	206.6	232.3	220.9	236.5	14	224.8	280.7	
6. Beck's 6374V2P	254.9	197.8	208.2	232.9	216.6	250.9	12	226.9	268.5	257.5
7. Dyna-Gro D55VVC80RIB	251.8	226.0	218.4	238.9	230.0	241.7	4	234.5	289.4	253.3
8. AgriGold A643-52VT2RIB	262.7	221.3	226.6	242.5	221.6	262.7	1	239.5		
9. Stewart 14DT593	237.9	233.2	215.5	233.5	221.6	246.5	6	231.4		
10. Dyna-Gro D54VVC34RIB	258.9	207.4	212.1	237.1	214.8	254.4	7	230.8		
11. NuTech 74C4AM	245.8	229.2	196.7	229.6	200.4	229.0	16	221.8		
12. AgriGold A645-16VT2RIB	262.0	235.5	224.0	231.5	225.3	245.0	3	237.2	275.9	
13. LG Seeds LG66C44VTRIB	250.9	235.0	210.5	231.9	217.1	256.8	5	233.7		
14. DeKalb DKC67-94RIB	250.3	253.3	220.7	240.9	222.9	249.1	1	239.5		
15. NK NK1701-3220	240.2	231.6	189.6	202.1	193.6	192.9	19	208.3		
16. FS InVision FS6818VRIB	250.5	241.7	211.1	223.0	213.0	240.4	8	229.9		
17. Pioneer P1847AML	237.8	251.6	195.9	229.8	223.1	239.2	9	229.6		
18. Dyna-Gro D58VVC22	231.2	267.3	205.8	219.6	195.3	226.4	15	224.2		
19. NK NK1838-3110	212.1	227.6	188.6	220.3	210.1	209.1	18	211.3		

2022 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Don and Brian Cecil
Planting Date: May 4, 2022
Harvest Date: September 14, 2022
Planting Population: 33,500
Herbicides: Gramoxone, Accuron, Atrazine
Fungicides: Veltyma @ V-10
Insecticides: Ethos
Fertility: 186# N, 6# S, 2 tons chicken litter
Primary Soil Type: Collins Silt Loam
Row Width: 4 - 30" rows
Plot Location: Short Station Road, Knottsville
Previous Crop: Soybean
Tillage Practice: No-till
Check: Dyna-Gro D55VC80RIB

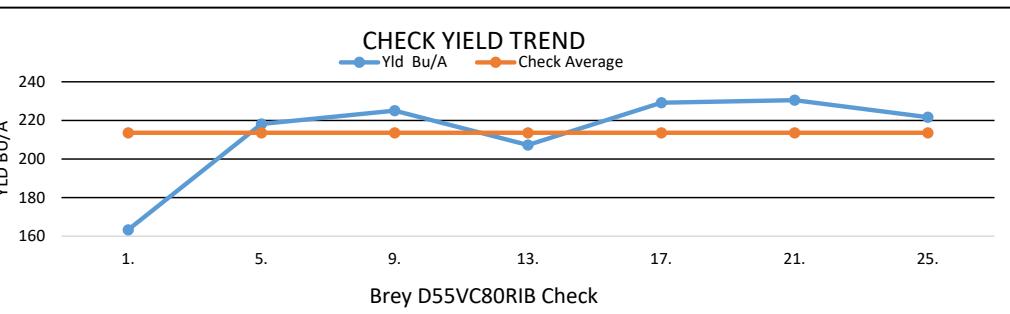
Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. Dyna-Gro D55VC80RIB	55.0	26.3	268.7		
2. Beck's 6296AM	55.0	27.2	239.0	231.8	17
3. Pioneer P1289AM	55.0	27.3	266.0	254.3	5
4. DeKalb DKC62-70RIB	55.0	26.1	243.3	229.4	18
5. Dyna-Gro D55VC80RIB	55.0	26.8	283.9		
6. NuTech 72D4AM	54.0	26.6	256.7	243.6	13
7. FS InVision FS6306TRIB	55.5	26.1	256.7	248.6	11
8. Beck's 6374V2P	55.0	26.7	257.9	254.9	4
9. Dyna-Gro D55VC80RIB	54.5	28.1	261.8	251.8	6
10. AgriGold A643-52VT2RIB	56.5	27.7	261.2	262.7	1
11. Stewart 14DT593	57.0	27.2	237.3	237.9	16
12. Dyna-Gro D54VC34RIB	56.0	26.7	259.2	258.9	3
13. Dyna-Gro D55VC80RIB	54.5	27.1	265.4		
14. NuTech 74C4AM	56.0	26.6	247.2	245.8	12
15. AgriGold A645-16VT2RIB	55.0	27.2	263.6	262.0	2
16. LG Seeds LG66C44VT2RIB	55.0	28.3	252.6	250.9	7
17. Dyna-Gro D55VC80RIB	55.5	27.8	266.3		
18. DeKalb DKC67-94RIB	56.0	26.4	249.2	250.3	9
19. NK NK1701-3220	54.0	27.4	236.2	240.2	15
20. FS InVision FS6818VRIB	55.5	27.2	243.2	250.5	8
21. Dyna-Gro D55VC80RIB	55.5	28.9	253.3		
22. Pioneer P1847AML	55.5	28.0	237.8	248.8	10
23. Dyna-Gro D58VC22	56.0	28.2	231.2	242.7	14
24. NK NK1838-3110	54.0	28.9	212.1	223.4	19
25. Dyna-Gro D55VC80RIB	54.5	28.8	250.0		
Plot Average	55.2	27.3	252.0		
Check Average	54.9	27.7	264.2		



2022 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Brey Farms
Planting Date: April 28, 2022
Harvest Date: September 20, 2022
Planting Population: 32,000
Herbicides: 1 qt. Atrazine, 1 pt. Princep, 1 oz. Sharpen, 1 qt. Roundup, Accuron
Fungicides: 14 oz. Trivapro
Insecticides: None
Fertility: 247#N, 92#P₂O₅, 120# K₂O, 24# S
Primary Soil Type: Belknap Silt Loam/Sharon Silt Loam
Row Width: 4 - 30" rows
Plot Location: Hwy 764 North, Whitesville
Previous Crop: Soybeans
Tillage Practice: Conventional
Check: Dyna-Gro D55VC80RIB

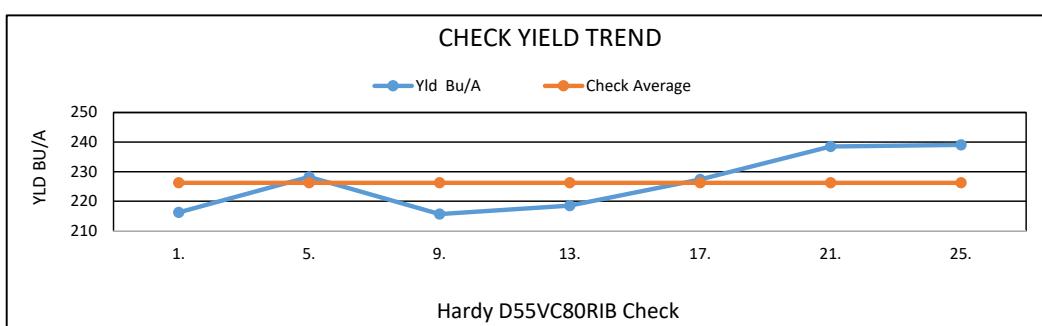
Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. Dyna-Gro D55VC80RIB	56.0	22.9	163.3		
2. Beck's 6296AM	56.5	23.1	170.8	206.1	16
3. Pioneer P1289AM	56.0	21.9	202.3	226.6	7
4. DeKalb DKC62-70RIB	57.0	22.6	204.6	213.7	14
5. Dyna-Gro D55VC80RIB	56.0	21.9	218.2		
6. NuTech 72D4AM	57.0	22.1	210.1	204.1	17
7. FS InVision FS6306TRIB	57.0	21.4	211.5	203.9	18
8. Beck's 6374V2P	57.0	21.7	206.8	197.8	19
9. Dyna-Gro D55VC80RIB	57.0	22.1	225.1	226.0	8
10. AgriGold A643-52VT2RIB	58.0	23.0	228.5	221.3	11
11. Stewart 14DT593	57.0	22.3	236.0	233.2	4
12. Dyna-Gro D54VC34RIB	58.5	22.5	205.6	207.4	15
13. Dyna-Gro D55VC80RIB	56.5	22.1	207.3		
14. NuTech 74C4AM	58.0	20.5	229.2	230.1	6
15. AgriGold A645-16VT2RIB	57.0	21.0	235.5	230.5	5
16. LG Seeds LG66C44VT2RIB	58.5	21.5	235.0	224.4	9
17. Dyna-Gro D55VC80RIB	56.5	21.2	229.2		
18. DeKalb DKC67-94RIB	58.5	21.7	253.3	235.7	2
19. NK NK1701-3220	54.0	21.1	231.6	215.2	13
20. FS InVision FS6818VRIB	58.0	22.7	241.7	224.4	9
21. Dyna-Gro D55VC80RIB	58.0	21.0	230.5		
22. Pioneer P1847AML	58.0	23.4	251.6	235.5	3
23. Dyna-Gro D58VC22	56.0	23.1	267.3	252.6	1
24. NK NK1838-3110	58.5	22.3	227.6	217.1	12
25. Dyna-Gro D55VC80RIB	57.0	21.2	221.7		
26. Dekalb DKC67-44	57.5	22.6	245.0		
Plot Average	57.1	22.0	221.8		
Check Average	56.7	21.8	213.6		



2022 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Kevin and Clint Hardy
Planting Date: April 28, 2022
Harvest Date: September 22, 2022
Planting Population: 33,100
Herbicides: 1pt. 2,4-D LV6, 1 qt. glyphosate, 2 qts. Atrazine, 3 qts. Halex GT, 2 oz. Status
Fungicides: None
Insecticides: 1# Smartchoice HC
Fertility: 208# N, 46# P₂O₅, 60# K₂O, 12# S, 2# Zinc
Primary Soil Type: Robbs/Henshaw Silt Loam
Row Width: 6 - 30" rows
Plot Location: Hwy 500, Curdsville
Previous Crop: Soybean
Tillage Practice: No-till
Check: Dyna-Gro D55VC80RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. Dyna-Gro D55VC80RIB	57.5	17.3	216.2		
2. Beck's 6296AM	60.5	16.1	206.5	213.1	7
3. Pioneer P1289AM	59.5	14.6	209.3	213.0	8
4. DeKalb DKC62-70RIB	59.0	16.9	213.8	214.8	6
5. Dyna-Gro D55VC80RIB	58.5	17.6	228.2		
6. NuTech 72D4AM	59.5	16.0	199.5	200.6	15
7. FS InVision FS6306TRIB	57.5	16.7	202.7	206.6	12
8. Beck's 6374V2P	59.5	17.2	201.4	208.2	11
9. Dyna-Gro D55VC80RIB	58.5	17.2	215.7	218.4	3
10. AgriGold A643-52VT2RIB	59.5	16.6	216.7	226.6	2
11. Stewart 14DT593	60.0	16.4	206.8	215.5	5
12. Dyna-Gro D54VC34RIB	60.0	17.3	204.2	212.1	9
13. Dyna-Gro D55VC80RIB	58.0	17.0	218.5		
14. NuTech 74C4AM	60.5	15.4	196.7	201.6	14
15. AgriGold A645-16VT2RIB	58.5	17.0	224.0	227.3	1
16. LG Seeds LG66C44VT2RIB	59.0	17.9	210.5	211.5	10
17. Dyna-Gro D55VC80RIB	59.0	16.5	227.4		
18. DeKalb DKC67-94RIB	59.5	17.4	220.7	216.9	4
19. NK NK1701-3220	55.0	17.9	189.6	184.1	18
20. FS InVision FS6818VRIB	61.0	17.6	211.1	202.6	13
21. Dyna-Gro D55VC80RIB	57.5	16.6	238.5		
22. Pioneer P1847AML	58.0	18.4	195.9	185.7	17
23. Dyna-Gro D58VC22	58.5	18.3	205.8	194.9	16
24. NK NK1838-3110	55.5	20.9	188.6	178.6	19
25. Dyna-Gro D55VC80RIB	58.0	17.1	239.0		
Plot Average	58.7	17.1	211.5		
Check Average	58.1	17.0	226.2		

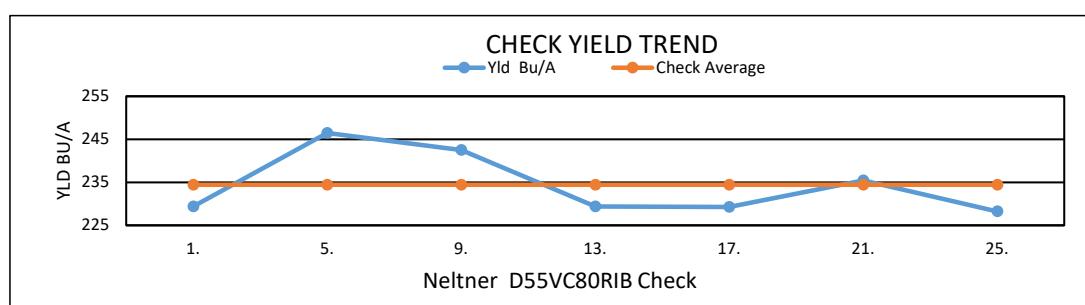


2022 DAVIESS COUNTY YELLOW CORN

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Brian Neltner
Planting Date:	May 17, 2022
Harvest Date:	October 4, 2022
Planting Population:	33,600
Herbicides:	2 qt. Halex GT, 1 qt. Atrazine
Fungicides:	None
Insecticides:	None
Fertility:	5 ton Chicken Litter
Primary Soil Type:	Huntington Silt Loam
Row Width:	6 - 30" rows
Plot Location:	Laketown Road, Newman
Previous Crop:	Soybean
Tillage Practice:	No-till
Check: Dyna-Gro D55VC80RIB	

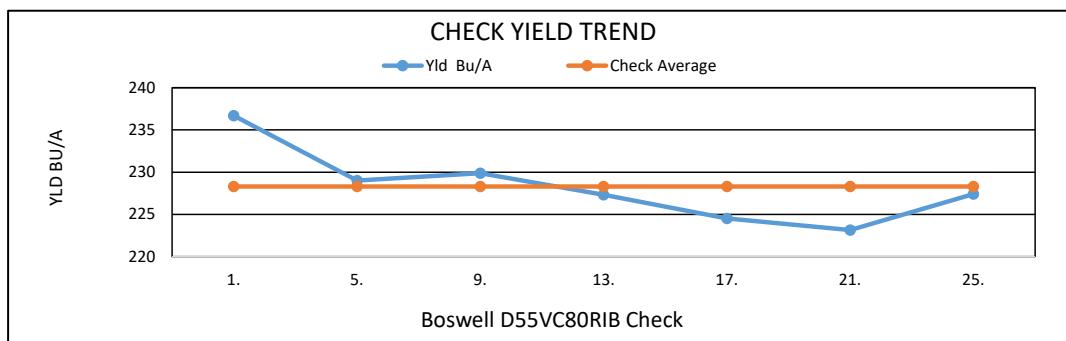
Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
Beck's 6589V2P	59.0	16.8	207.1		
1. Dyna-Gro D55VC80RIB	58.5	16.8	229.4		
2. Beck's 6296AM	58.5	16.3	236.3	237.0	7
3. Pioneer P1289AM	59.5	16.6	231.9	228.5	14
4. DeKalb DKC62-70RIB	60.0	16.9	234.5	226.9	15
5. Dyna-Gro D55VC80RIB	59.0	17.9	246.5		
6. NuTech 72D4AM	58.0	16.6	249.1	237.9	4
7. FS InVision FS6306TRIB	60.0	16.6	242.3	232.3	12
8. Beck's 6374V2P	58.0	17.0	241.9	232.9	11
9. Dyna-Gro D55VC80RIB	58.5	17.7	242.5	238.9	3
10. Stewart 14DT593	58.5	17.2	247.5	242.5	1
11. Stewart 14DT593	58.5	18.8	235.1	233.5	10
12. Dyna-Gro D54VC34RIB	58.0	17.3	235.3	237.1	5
13. Dyna-Gro D55VC80RIB	59.0	17.9	229.4		
14. NuTech 74C4AM	59.5	17.3	229.6	234.7	9
15. AgriGold A645-16VT2RIB	59.0	18.1	231.5	236.6	8
16. LG Seeds LG66C44VT2RIB	58.5	18.1	231.9	237.1	5
17. Dyna-Gro D55VC80RIB	59.0	18.2	229.2		
18. DeKalb DKC67-94RIB	59.0	18.6	237.3	240.9	2
19. NK NK1701-3220	56.0	19.0	200.4	202.1	19
20. FS InVision FS6818VRIB	60.0	19.0	222.5	223.0	17
21. Dyna-Gro D55VC80RIB	58.5	18.0	235.4		
22. Pioneer P1847AML	58.0	21.0	229.8	230.6	13
23. Dyna-Gro D58VC22	59.5	18.7	219.6	222.0	18
24. NK NK1838-3110	55.5	21.6	220.3	224.4	16
25. Dyna-Gro D55VC80RIB	58.5	18.0	228.2		
Plot Average	58.6	18.0	232.7		
Check Average	58.7	17.8	234.4		



2022 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Boswell Farms
Planting Date: April 29, 2022
Harvest Date: October 5, 2022
Planting Population: 33,500
Herbicides: 2,4-D, Leadoff, Roundup, Atrazine, 1.25 qt. Resicor
Fungicides: Approach Prima
Insecticides: Reveal Endurex
Fertility: 5 gal. Captivate, 230# N, VRT-P&K, V-Agri, Novus K
Primary Soil Type: Montgomery Silty Clay Loam
Row Width: 8 - 30" rows
Plot Location: Hwy 657 at Blackford Creek
Previous Crop: Soybean
Tillage Practice: No-till
Check: Dyna-Gro D55VC80RIB

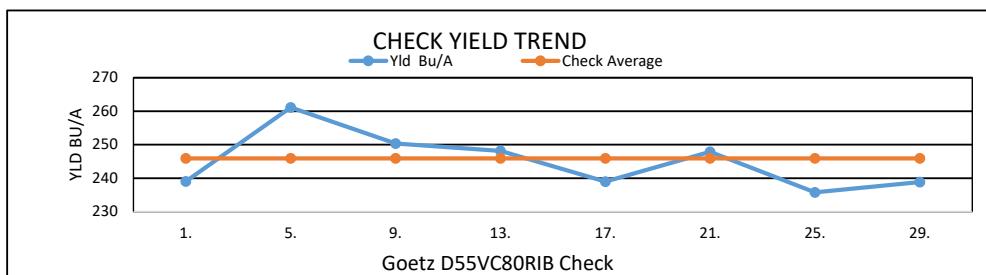
Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. Dyna-Gro D55VC80RIB	59.0	15.6	236.7		
2. Beck's 6296AM	60.5	14.8	212.2	206.3	15
3. Pioneer P1289AM	60.5	14.5	218.8	214.5	13
4. DeKalb DKC62-70RIB	61.0	14.9	223.1	220.6	7
5. Dyna-Gro D55VC80RIB	59.0	15.8	229.0		
6. NuTech 72D4AM	61.0	14.9	216.8	215.9	11
7. FS InVision FS6306TRIB	60.0	15.2	222.0	220.9	6
8. Beck's 6374V2P	61.0	14.9	217.9	216.6	10
9. Dyna-Gro D55VC80RIB	60.0	16.0	229.9	230.0	1
10. AgriGold A643-52VT2RIB	61.5	14.6	222.5	221.6	4
11. Stewart 14DT593	61.0	15.0	221.9	221.6	4
12. Dyna-Gro D54VC34RIB	61.0	14.9	214.5	214.8	12
13. Dyna-Gro D55VC80RIB	59.0	16.0	227.3		
14. NuTech 74C4AM	62.0	14.8	200.4	201.9	16
15. AgriGold A645-16VT2RIB	60.0	15.3	225.3	227.6	2
16. LG Seeds LG66C44VT2RIB	60.5	15.4	217.1	220.1	8
17. Dyna-Gro D55VC80RIB	59.0	15.9	224.5		
18. DeKalb DKC67-94RIB	61.0	15.9	222.9	227.0	3
19. NK NK1701-3220	57.0	16.9	193.6	197.5	18
20. FS InVision FS6818VRIB	62.5	15.5	213.0	217.6	9
21. Dyna-Gro D55VC80RIB	60.0	15.9	223.1		
22. Pioneer P1847AML	61.5	16.7	195.3	198.8	17
23. Dyna-Gro D58VC22	60.5	17.1	210.1	212.9	14
24. NK NK1838-3110	58.5	16.5	153.1	154.4	19
25. Dyna-Gro D55VC80RIB	60.0	15.6	227.4		
Plot Average	60.3	15.5	215.9		
Check Average	59.4	15.8	228.3		



2022 DAVIESS COUNTY YELLOW CORN
 Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Goetz Brothers Farms
Planting Date: May 10, 2022
Harvest Date: October 11, 2022
Planting Population: 36,000
Herbicides: Accuron, Atrazine, Roundup
Fungicides: Xyway in furrow
Insecticides: EthosXB
Fertility: 200# N, 2X2X2 15 gal. 3-18-18 w/Zinc and Boron
Primary Soil Type: Belknap Silt Loam
Row Width: 8-30" rows
Plot Location: Sutherland Rd., Masonville
Previous Crop: Soybean
Tillage Practice: Conventional
Check: Dyna-Gro D55VC80RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. Dyna-Gro D55VC80RIB	59.5	15.9	239.0		
2. Beck's 6296AM	58.5	14.9	256.0	257.4	2
3. Pioneer P1289AM	59.5	15.0	247.2	243.0	11
4. DeKalb DKC62-70RIB	60.0	15.1	257.0	247.2	8
5. Dyna-Gro D55VC80RIB	60.5	15.3	261.1		
6. NuTech 72D4AM	59.0	15.3	266.1	253.2	5
7. FS InVision FS6306TRIB	60.5	14.6	245.9	236.5	15
8. Beck's 6374V2P	58.5	15.4	258.2	250.9	6
9. Dyna-Gro D55VC80RIB	60.0	15.4	250.3	241.7	12
10. AgriGold A643-52VT2RIB	59.0	15.5	266.8	262.7	1
11. Stewart 14DT593	60.5	15.7	249.9	246.5	9
12. Dyna-Gro D54VC34RIB	60.0	15.4	257.3	254.4	4
13. Dyna-Gro D55VC80RIB	60.0	15.5	248.2		
14. NuTech 74C4AM	60.0	15.1	229.0	229.0	16
15. AgriGold A645-16VT2RIB	59.5	15.3	242.7	245.0	10
16. LG Seeds LG66C44VT2RIB	59.0	15.6	252.0	256.8	3
17. Dyna-Gro D55VC80RIB	59.0	15.6	239.0		
18. DeKalb DKC67-94RIB	54.0	16.2	244.3	249.1	7
19. NK NK1701-3220	57.5	15.9	191.0	192.9	19
20. FS InVision FS6818VRIB	59.0	16.9	240.1	240.4	13
21. Dyna-Gro D55VC80RIB	60.5	15.7	247.9		
22. Pioneer P1847AML	59.0	16.4	238.1	239.2	14
23. Dyna-Gro D58VC22	60.5	17.5	222.6	226.4	17
24. NK NK1838-3110	58.0	17.7	203.1	209.1	18
25. Dyna-Gro D55VC80RIB	58.5	16.3	235.8		
26. Stewart 17DP781	53.0	20.0	223.4	230.8	
27. Stewart 15DP519	59.5	16.8	235.8	243.5	
28. NuTech 68A9	58.0	14.3	212.4	219.4	
29. Dyna-Gro D55VC80RIB	60.0	15.1	238.8		
30. NuTech 70B4	57.0	14.8	219.0		
31. NuTech 77A5AM	58.0	16.3	216.4		
Plot Average	58.9	15.8	243.5		
Check Average	59.7	15.7	245.9		



2022 DAVIESS COUNTY NON GMO YELLOW CORN

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Jeff Rice
Planting Date: May 2, 2022
Harvest Date: November 1, 2022
Planting Population: 32,000
Herbicides: Atrazine 90DF, Realm Q, Accent Q, Ferimax, Resicore
Fungicides: Preemptor
Insecticides: Declare
Fertility: 186# N, 92# P₂O₅, 120# K₂O, CropKarb Source
Primary Soil Type: Belknap Silt Loam
Row Width: 8-30" rows
Plot Location: Nalley Road, Utica
Previous Crop: Soybean
Tillage Practice: None
Check: Stewart 15CV519

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. BH Genetics BH8121	59.5	14.5	203.6	204.1	7
2. FS InVision FS62Z00	57.5	14.4	214.6	215.1	3
3. Stewart 14CV339	59.0	14.3	161.9	162.3	11
4. Stewart 15CV519	59.5	14.6	211.4		
5. BH Genetics BH8420	59.5	14.3	215.6	217.2	1
6. Beck's 6557	60.5	14.2	209.1	210.7	6
7. BH Genetics BH8555	60.0	14.4	209.3	210.9	5
8. Stewart 15CV519	60.5	14.8	213.6	215.2	2
9. FS InVision FS67S00	62.0	14.6	203.9	203.4	8
10. Beck's 6774	61.5	14.2	203.8	203.3	9
11. Stewart 17CV387	62.0	14.5	213.8	213.3	4
12. Stewart 15CV519	61.0	14.5	215.8		
13. BH Genetics BH 8780	62.0	14.3	204.6	203.1	10
Plot Average	60.3	14.4	206.2		
Check Average	60.3	14.6	213.6		

2022 CORN STRIP CHECKS

MATT CASTLEN

Brand: Pioneer P1289AM Moisture: 13.8
Yield/acre: 277.18

WINKLER FARMS

Brand: Beck's 6082AM - 2x2 Fertilizer Moisture: 14.8
Yield/acre: 177.23

Brand: Beck's 6082AM - with no 2x2 Fertilizer Moisture: 15.1
Yield/acre: 165.6

Brand: Beck's 5909AM - with no 2x2 Fertilizer Moisture: 15.3
Yield/acre: 162.52

Brand: Beck's 5909AM - 2x2 Fertilizer Moisture: 15.1
Yield/acre: 165.11

TOMMY DUNCAN

Brand: Beck's 6557V2P - Irrigated Moisture: 13.7
Yield/acre: 248.0

Brand: Beck's 6557V2P - Non-irrigated Moisture: 14.0
Yield/acre: 229.28

CORN PLANTER FERTILIZER TYPE AND PLACEMENT COMPARISON

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Stephen Farms
 Planting Date: May 23, 2022
 Harvest Date: October 5, 2022
 Planting Population: 34,000
 Herbicides: Roundup, Laudis, Atrazine
 Fungicides: Miravis Neo @ V10, Trivapro @ VT
 Insecticides: Ethos
 Fertility: 5gals. Potassium Thiosulfate, 100 units Nitrogen,
 2qts. Boron by Y-Drop
 Variety AgriGold A643-52VT2RIB
 Row Width: 12 - 30 rows
 Plot Location: Hwy 279, Sorgho
 Previous Crop: Tobacco
 Tillage Practice: Conventional

	TREATMENT	TEST WEIGHT	PERCENT MOISTURE	HARVEST WEIGHT	ACRE	YIELD
1.	Infurrow: 1qt. Zinc, 2 qts. Monty's Liquid Carbon, 2 qts. Monty's AgraSweet, 5 oz. Ethos 2X2: 6 gals. 9-24-3, 15 gals. 28-0-0-5, 3 qts. Boron, 3 qts. Zinc, 2 qts. Monty Liquid Carbon, 2 qts. Montys Agra Sweet	58.0	22.1	2860	0.1977	238.15
2.	Infurrow No 2X2	57.0	21.4	2770	0.2016	228.23
3.	No infurrow No 2X2	57.5	21.9	2805	0.2056	225.19
4.	No infurrow With 2X2	57.0	21.9	2990	0.2095	235.56
5.	Infurrow With 2X2	56.5	21.1	2035	0.1423	238.45

Cooperator: Jeff Coke
Address: Calhoun, Ky
City/State/Zip: Daviess
County:
Phone #:

2022 Yellow Corn Plot



Sales Rep: 5/11/2022
Planting Date: 32,000
Planting Population:
Row Width (inches): 30
Previous Crop: beans
Tillage Type: NoTill
Years In Corn:
Rotation:
Insecticide: Mustang /acre
Herbicide: /acre
Harvest Date: 10/8/2022
Fertilizer: 200 /Acre
Moisture: 92 /Pacre
Moisture: 120 /Kacre

Direction of 1st Entry In Plot		Harvested Row Info					
Entry	Company	Variety	Length	Nmbr	Width	Total Lbs	Test Wt
1	Stewart	09DP409	239	8	30	1420	59.0
2	Stewart	09DD140	238	8	30	1480	60.0
3	Pioneer	1289	238	8	30	1520	60.0
4	Stewart	11DT792	238	8	30	1480	60.0
5	Stewart	13SS312	242	8	30	1470	61.0
6	Stewart	18DP682	242	8	30	1630	61.0
7	Stewart	17DP781	242	8	30	1580	60.0
8	Stewart	14DD339	242	8	30	1510	61.0
9	Stewart	14DT593	242	8	30	1590	62.0
10	Stewart	13DD360	242	8	30	1510	60.0
11	Pioneer	1464	242	8	30	1530	61.0
12	Partner Brand	8335VT2	241	8	30	1530	61.0
13	NuTech	68A7AM	241	5	30	970	60.0
14	NuTech	68A9AM	241	7	30	1420	61.0
15	NuTech	70B4AM	241	7	30	1370	61.0
16	NuTech	70A8AM	241	6	30	1210	61.0
17	NuTech	74C4AM	240	8	30	1420	60.0
18	NuTech	72D4AM	240	8	30	1420	61.0
19	NuTech	77A5AM	240	8	30	1500	60
20	NuTech	74A9AM	240	8	30	1480	59
21	Stewart	13DD360+1	240	8	30	1490	60

Entry	Company	Variety	Length	Nmbr	Width	Total Lbs	Test Wt	Moisture	Moisture	Corn @ 15% Bu/Acre	Adjusted Plot Yield	Rank by Bu/Acre	Rank by Plot Yield	Plant Health & Standability
1	Stewart	09DP409	239	8	30	1420	59.0	13.5	235.1565					Good
2	Stewart	09DD140	238	8	30	1480	60.0	13.5	246.1225					Good
3	Pioneer	1289	238	8	30	1520	60.0	15.3	247.5144					V.Good
4	Stewart	11DT792	238	8	30	1480	60.0	14.5	243.2771					V.Good
5	Stewart	13SS312	242	8	30	1470	61.0	15.5	234.86					Good
6	Stewart	18DP682	242	8	30	1630	61.0	15.0	261.964					V. Good
7	Stewart	17DP781	242	8	30	1580	60.0	15.5	252.4346					Excellent
8	Stewart	14DD339	242	8	30	1510	61.0	16.0	239.8233					Good
9	Stewart	14DT593	242	8	30	1590	62.0	15.0	255.5354					Good/short
10	Stewart	13DD360	242	8	30	1510	60.0	16.0	239.8233					Good
11	Pioneer	1464	242	8	30	1530	61.0	15.5	244.4461					Fair/5%
12	Partner Brand	8335VT2	241	8	30	1530	61.0	15.5	245.4604					Fair
13	NuTech	68A7AM	241	5	30	970	60.0	14.0	253.4099					Good
14	NuTech	68A9AM	241	7	30	1420	61.0	14.0	264.9794					Good
15	NuTech	70B4AM	241	7	30	1370	61.0	14.0	255.6491					Good
16	NuTech	70A8AM	241	6	30	1210	61.0	14.0	263.4244					Good/5%
17	NuTech	74C4AM	240	8	30	1420	60.0	14.0	232.8231					Good/5%
18	NuTech	72D4AM	240	8	30	1420	61.0	14.0	232.8231					Good/20%
19	NuTech	77A5AM	240	8	30	1500	60	13.5	247.3697					V.Good/10%
20	NuTech	74A9AM	240	8	30	1480	59	14.5	241.2498					V.Good/5%
21	Stewart	13DD360+1	240	8	30	1490	60	14	244.3002					V.Good

University of Kentucky Hybrid Corn Performance Test
Strode Farms – Henderson County at Scuffletown Bottoms

Henderson Early 2022 **	YIELD (BU/AC)			MST (%)
	2022	2021-22	2020-22	
Beck's 6128V2P	246.7			19.2
Dyna-Gro D51VC67	242.3	276.6		18.9
Stewart 11DT792	237.5	269.5		18.6
AgriGold A640-12STX	231.6			19.6
NuTech 70B4AM	230.9			19.0
FSInVISION 6017V RIB	228.6			18.6
DEKALB DKC59-82RIB	228.5	262.4	261.1	18.5
Channel 211-11VT2P	227.5			19.2
Croplan 4930	225.7	261.8		19.2
DEKALB DKC111-35RIB	223.5			19.8
Dyna-Gro D50VC09RIB	223.2			18.7
Brevant Seeds B10A20AM	222.1			18.7
Stewart 09DP409	220.3	255.6	255.2	17.6
Revere 1125 VT2P	220.1			20.3
Revere 0918 VT2P	219.7			18.3
Golden Harvest G10L16-5222A E-Z Refuge	219.6			18.9
Pioneer P0953AM	218.9			19.9
Warren Seed DS 4878	217.7	261.3		18.3
NuTech 68A9AM	214.1			18.3
Seed Consultants SC1112AM	214.1	260.8		19.2
NuTech 68A7AM	214.1	259.0	255.9	18.4
Warren Seed DS 5018	211.1	265.0	266.2	17.9
NuTech 70A8AM	209.1	249.9	250.5	19.2
Warren Seed DS 5095	206.2			19.0
Channel 210-46VT2PRIB	206.1	253.5		19.0
Brevant Seeds B09Z08AM	205.5	257.9		18.8
Average	221.7	261.1	257.8	18.8
C.V.	5.6	4.8	5.2	1.4
LSD	24.5	16.1	12.4	0.5

Henderson Medium 2022 **

Name	YIELD (BU/AC)			MST
	2022	2021-22	2020-22	(%)
ARMOR A1575	252.7	273.0	271.0	20.6
Dyna-Gro D55VC80	249.0	270.0	267.6	20.7
FS InVISION FS 6306T RIB	247.9	268.1	262.3	19.8
AgriGold A642-05VT2PROD1	245.1			19.9
Beck's 6374V2P	243.8	259.1	249.8	20.1
FS InVISION FS 6595V RIB	243.0	259.2	263.1	20.8
Channel 214-78DGVT2PRIB	242.9	271.4	271.4	20.0
Revere 1577 VT2PRIB	242.0	272.7	266.9	20.5
Beck's 6414V2P	242.0	269.7	260.7	20.1
Brevant Seeds B13A10AM	239.1	279.6		19.7
Croplan 5497	239.0	268.9		20.0
NuTech 72D4AM	238.4	263.3		19.2
DEKALB DKC62-70RIB	236.8	257.1		20.4
Pioneer P1289AM	236.4			19.3
Revere 1398VT2P	234.9	256.2	258.3	19.9
Stewart 14DT593	234.6			21.0
Stewart 15DP519	234.5	259.0	261.0	21.0
LG Seeds LG63C82	234.1			20.3
Partners Brand PB 8335	233.0	254.2		19.8
Dyna-Gro D53TC23RIB	232.7			19.5
DEKALB DKC65-95RIB	232.6	254.2	252.1	21.0
AgriGold A642-76VT2PRO	232.5			20.3
Beck's 6296LM	232.5			19.3
Dyna-Gro D54VC14	231.6	259.7		20.3
AgriGold A645-16VT2PRO	231.2	256.8	262.7	20.5
Stewart 13DD360	230.6	263.1	264.8	19.1
DEKALB DKC64-22RIB	230.3			21.9
Stewart 13SS312	230.2			19.8
Seed Consultants SC1122Q	229.5	254.9		20.0
NuTech 74A9AM	229.3	262.5		20.1
Dyna-Gro D54VC34	229.3		247.5	20.3
FS InVISION 6217T RIB	229.2			19.6
Brevant Seeds B13K20AM	227.8			19.2
LG Seeds LG62C22	227.4			20.5
Warren Seed DS 5250	227.0	263.8		19.6
Partners Brand PB 8336	225.0	255.1		20.5
Revere 1307TC	224.9	253.6	238.7	22.2
NuTech 74C4AM	223.9			20.2
Golden Harvest G12S75-5122 E-Z Refuge	223.2			18.5
Warren Seed DS 5383	223.1			20.2
DEKALB DKC63-57RIB	222.3	255.1	259.6	19.1
FS InVISION 6225L1 EZR	220.3			19.1
NuTech 74B6AM	219.2	254.8	255.2	20.3
Master Farmer MBZ-159	215.0			19.1
Revere ZS1525 3220A	213.4			21.3
Golden Harvest G15J91-3220 E-Z Refuge	209.1			19.2
Master Farmer MBZ-C152-5122-EZ1	206.5			19.8
Average	231.2	262.4	260.9	20.1
C.V.	5.1	4.7	4.7	1.6
LSD	22.9	16.0	11.4	0.6

Henderson Late 2022 **

Name	YIELD (BU/AC)			MST (%)
	2022	2021-22	2020-22	
Stewart 18DP682	254.1	270.2		20.7
Stewart 17DP781	249.3	262.3	266.1	22.6
DEKALB DKC66-06RIB	247.4			21.2
LG Seeds LG66C44VT2PRO	241.8	263.5	261.4	20.9
Dyna-Gro D57TC29RIB	241.7			20.5
AgriGold A647-79VT2PRO	238.3			20.9
LG Seeds LG66C06	237.8			21.8
DEKALB DKC66-18RIB	237.4	267.1	264.6	20.5
NuTech 77A5AM	236.7	265.1		20.6
DEKALB DKC68-35RIB	236.3			21.6
Pioneer P1718AML	235.1			21.8
Croplan 5678	234.4	251.1		21.4
Master Farmer MB-E172-3110	231.3			22.1
LG Seeds LG67C07	231.2			21.3
DEKALB DKC67-94RIB	229.3	245.6		21.2
FS InVISION 6627T RIB	227.2			20.6
DEKALB DKC67-44 RIB	227.1	252.5	255.7	20.8
Partners Brand PBX28702	225.9			22.3
Seed Consultants SC1170AM	225.0	256.8	261.8	20.2
Revere 1627 TC	224.5			21.5
Seed Consultants SC1183AM	224.5			20.7
FS InVISION 6625V RIB	223.0			20.7
DEKALB DKC70-45RIB	222.9			21.8
Brevant Seeds B17Z18AM	221.6	254.9		20.2
Golden Harvest G16Q82-3120A E-Z Refuge	217.8			20.2
Channel 217-01VT2PRIB	215.2	253.3		19.5
FS InVISION 6818V RIB	209.9	239.7		22.1
Beck's 6803V2P	209.5			22.3
Pioneer P1847AML	170.4	220.0	231.8	21.1
Average	228.4	254.0	256.9	21.1
C.V.	5.9	5.3	5.2	1.8
LSD	26.3	17.7	12.3	0.7

Henderson Conventional 2022 **

Name	YIELD (BU/AC)			MST (%)
	2022	2021-22	2020-22	
FS InVISION 67S00	226.7			21.5
Spectrum 6228	219.7		230.6	18.8
Partners Brand PB 8335C	217.2	246.5		19.1
Croplan 5340	215.2	239.1		21.0
FS InVISION 63Z00	211.0	239.8		20.2
Partners Brand PB 8336C	201.2	236.1		20.4
Croplan 5290	197.5	225.0		19.7
Spectrum 6314	194.1			19.0
Spectrum 6416	186.8		217.7	21.1
Average	208.3	238.6	224.2	19.7
C.V.	6.6	5.0	4.7	1.6
LSD	28.1	15.8	12.2	0.6

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

**Planted: April 27, 2022; Harvested: October 3, 2022

**Soil type: Allison Silty Clay Loam; Previous crop: Soybean; Fertilizer: 150/92/120

2022 University of Kentucky Hybrid Corn Performance Test Summary

Early State Summary 2022** Name	YIELD (BU/AC)			MST (%)
	2022	2021-22	2020-22	
DEKALB DKC111-35RIB	190.0			18.6
Stewart 11DT792	187.7	210.0		17.4
Warren Seed DS 4878	187.4	217.0		16.9
FSInVISION 6017V RIB	187.0			17.2
AgriGold A640-12STX	186.3			18.8
Channel 210-46VT2PRIB	182.1	208.5		18.3
DEKALB DKC59-82RIB	181.5	208.5	221.0	17.7
Beck's 6128V2P	180.7			18.9
Warren Seed DS 5095	180.5			17.9
NuTech 70B4AM	179.3			18.0
Revere 0918 VT2P	178.6			17.7
Dyna-Gro D50VC09RIB	177.5			17.5
Brevant Seeds B10A20AM	177.4			17.9
Warren Seed DS 5018	177.2	215.8	227.4	16.3
Dyna-Gro D51VC67	174.6	203.4		17.2
Channel 211-11VT2P	174.3			18.1
Croplan 4930	172.9	208.2		18.0
Revere 1125 VT2P	172.8			19.0
Golden Harvest G10L16-5222A E-Z Refuge	172.2			17.1
Stewart 09DP409	171.3	202.1	215.0	16.6
NuTech 68A7AM	170.7	209.3	222.0	17.0
Seed Consultants SC1112AM	168.9	206.1		17.5
NuTech 70A8AM	166.1	200.1	218.3	17.6
NuTech 68A9AM	166.0			17.9
Pioneer P0953AM	162.5			17.7
Brevant Seeds B09Z08AM	158.6	196.7		17.6
Average	177.0	207.1	220.7	17.7
C.V.	7.9	8.0	7.7	3.2
LSD	12.0	21.0	14.9	0.5

Medium State Summary 2022**		YIELD (BU/AC)			MST
Name		2022	2021-22	2020-22	(%)
Beck's 6414V2P		202.7	222.5	228.8	17.7
Dyna-Gro D55VC80		197.3	218.0	227.8	18.8
FS InVISION FS 6306T RIB		196.2	211.7	224.2	17.4
Croplan 5497		195.4	215.9		18.7
Stewart 14DT593		195.2			19.0
FS InVISION FS 6595V RIB		194.9	213.3	222.5	19.0
Dyna-Gro D54VC34		194.7		217.8	18.4
DEKALB DKC64-22RIB		194.3			19.2
ARMOR A1575		194.1	213.9	224.8	18.9
Revere 1577 VT2PRIB		193.1	215.1	221.3	18.1
DEKALB DKC62-70RIB		192.7	213.4		18.4
Stewart 15DP519		192.3	215.1	225.1	19.3
DEKALB DKC65-95RIB		191.9	214.1	222.9	19.0
DEKALB DKC63-57RIB		191.5	213.4	221.3	17.7
Brevant Seeds B13A10AM		191.3	217.6		17.3
Dyna-Gro D54VC14		191.2	217.8		18.0
Pioneer P1289AM		190.7			17.8
AgriGold A645-16VT2PRO		188.9	214.6	225.5	19.0
Channel 214-78DGVT2PRIB		188.3	216.6	230.9	18.9
Beck's 6374V2P		187.2	212.6	216.6	17.8
Stewart 13SS312		186.8			18.4
Warren Seed DS 5250		186.2	218.6		17.4
Dyna-Gro D53TC23RIB		186.0			17.7
Partners Brand PB 8335		185.2	206.7		17.6
AgriGold A642-05VT2PROD1		184.0			18.2
Revere 1398VT2P		183.8	205.9	218.3	18.2
Stewart 13DD360		182.9	213.7	221.3	17.7
Beck's 6296LM		182.6			17.5
Seed Consultants SC1122Q		182.3	209.5		18.2
FS InVISION 6217T RIB		182.2			17.7
Revere ZS1525 3220A		180.3			19.4
Golden Harvest G12S75-5122 E-Z Refuge		179.9			17.4
Golden Harvest G15J91-3220 E-Z Refuge		178.9			18.3
LG Seeds LG63C82		178.1			18.1
AgriGold A642-76VT2PRO		177.2			18.4
NuTech 74A9AM		176.7	207.0		18.9
Revere 1307TC		175.5	204.2	215.4	20.4
FS InVISION 6225L1 EZR		173.9			16.9
NuTech 72D4AM		171.7	213.6		17.4
Warren Seed DS 5383		171.7			18.2
Master Farmer MBZ-C152-5122-EZ1		171.6			18.4
LG Seeds LG62C22		171.5			18.7
Brevant Seeds B13K20AM		169.8			17.2
Master Farmer MBZ-159		169.5			17.5
Partners Brand PB 8336		167.5	198.9		18.3
NuTech 74C4AM		167.1			18.2
NuTech 74B6AM		166.0	195.3	207.7	18.3
Average		183.7	212.4	222.3	18.2
C.V.		9.0	8.1	7.9	4.1
LSD		14.1	21.9	15.7	0.6

Late State Summary 2022**		YIELD (BU/AC)			MST
Name		2022	2021-22	2020-22	(%)
AgriGold A647-79VT2PRO		194.2			19.7
Dyna-Gro D57TC29RIB		192.5			21.2
DEKALB DKC68-35RIB		191.3			20.2
Stewart 18DP682		187.0	213.9		20.3
NuTech 77A5AM		185.7	212.6		19.0
LG Seeds LG67C07		184.3			19.8
Stewart 17DP781		183.9	202.6	213.8	21.7
DEKALB DKC67-94RIB		183.6	210.2		20.1
Revere 1627 TC		183.6			20.3
FS InVISION 6625V RIB		183.2			19.4
Pioneer P1718AML		182.4			20.4
Partners Brand PBX28702		181.8			21.4
DEKALB DKC67-44 RIB		181.6	208.4	220.6	19.9
FS InVISION 6627T RIB		181.3			19.4
LG Seeds LG66C44VT2PRO		180.9	210.7	219.0	19.9
Channel 217-01VT2PRIB		180.9	214.3		18.8
DEKALB DKC66-18RIB		180.2	211.3	221.9	19.1
DEKALB DKC66-06RIB		179.2			19.8
Seed Consultants SC1183AM		179.1			19.5
Croplan 5678		178.8	205.3		20.2
DEKALB DKC70-45RIB		176.9			21.4
Golden Harvest G16Q82-3120A E-Z Refuge		173.9			19.6
LG Seeds LG66C06		173.9			20.1
Beck's 6803V2P		172.7			21.9
FS InVISION 6818V RIB		169.6	199.5		21.4
Seed Consultants SC1170AM		168.5	203.6	217.3	19.0
Brevant Seeds B17Z18AM		161.8	197.6		19.1
Master Farmer MB-E172-3110		157.8			20.6
Pioneer P1847AML		155.7	194.0	207.8	20.8
Average		178.6	206.4	216.7	20.1
C.V.		10.0	8.9	8.6	4.1
LSD		15.3	23.4	16.5	0.7

Conventional State Summary 2022**		YIELD (BU/AC)			MST
Name		2022	2021-22	2020-22	(%)
Spectrum 6228		178.7		200.7	17.9
Partners Brand PB 8335C		176.4	200.9		17.7
Croplan 5340		175.4	200.3		20.2
Spectrum 6416		174.2		196.5	20.3
FS InVISION 63Z00		173.3	197.8		19.2
Croplan 5290		173.0	197.5		18.7
Partners Brand PB 8336C		168.2	195.9		19.4
FS InVISION 67S00		162.7			20.9
Spectrum 6314		143.3			17.8
Average		170.7	198.5	198.6	18.9
C.V.		9.9	7.7	8.4	3.2
LSD		16.3	19.6	17.8	0.6

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

KENTUCKY EXTENSION CORN PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I - Conventional Tillage

GOETZ BROTHERS FARMS

Planted:	5/4/2022	Harvested:	9/21/2022
Brand:	Dyna-Gro D55VC80RIB	Moisture:	23.5
Herbicide:	Roundup, Accuron, Atrazine, 2,4-D	Acreage:	1.5762
Insecticide:	Hero	Planting Population:	38,000
Fungicide:	Trivapro	Yield/Acre:	284.52
Fertility:	220# N, 2 ton Chicken litter, Starter: 15 gal. 3-18-18 Yield Plus		

GOETZ BROTHERS FARMS

Planted:	4/28/2022	Harvested:	9/21/2022
Brand:	DeKalb DKC67-44VT2RIB	Moisture:	22.6
Herbicide:	Roundup, Accuron, Atrazine, 2,4-D	Acreage:	1.6529
Insecticide:	Hero	Planting Population:	38,000
Fungicide:	Trivapro	Yield/Acre:	280.45
Fertility:	220# N, 2 ton Chicken litter, Starter: 15 gal. 3-18-18 Yield Plus		

KNOTT FARMS

Planted:	5/5/2022	Harvested:	10/6/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	15.9
Herbicide:	Laudis, Atrazine	Acreage:	1.5358
Insecticide:	Ethos	Planting Population:	36,000
Fungicide:	10 oz. Veltyma	Yield/Acre:	279.82
Fertility:	177# N, 2 qt. Zn, 14# S, 2 tons broiler litter		

SPARKS FARMS

Planted:	5/8/2022	Harvested:	10/19/2022
Brand:	DeKalb DKC67-94RIB	Moisture:	15.7
Herbicide:	Accuron	Acreage:	1.9986
Insecticide:	Capture LFR	Planting Population:	36,000
Fungicide:	Miravis Neo, three applications	Yield/Acre:	277.23
Fertility:	300# N, Starter: Boron, Zinc	Check 2:	273.98

GOETZ BROTHERS FARMS

Planted:	5/7/2022	Harvested:	9/21/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	22.3
Herbicide:	Roundup, Accuron, Atrazine, 2,4-D	Acreage:	1.5211
Insecticide:	Hero	Planting Population:	38,000
Fungicide:	Trivapro	Yield/Acre:	269.66
Fertility:	220# N, 2 ton Chicken litter, Starter: 15 gal. 3-18-18 Yield Plus		

GOETZ BROTHERS FARMS

Planted:	4/29/2022	Harvested:	9/21/2022
Brand:	DeKalb DKC70-27VT2	Moisture:	24.5
Herbicide:	Roundup, Accuron, Atrazine, 2,4-D	Acreage:	1.2782
Insecticide:	Hero	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	268.62
Fertility:	220# N, 2 ton chicken litter, Starter: 15 gal. 3-18-18 Yield Plus		

DARRELL HAGAN

Planted:	4/24/2022	Harvested:	9/13/2022
Brand:	DeKalb DKC67-94RIB	Moisture:	28.9
Herbicide:	48 oz. Roundup Powermax, 16 oz. Armezon Pro, 5 oz. Verdict, 1# Simazine, 9.6 oz. Destiny HC, 2 qt. Atrazine	Acreage:	1.3030
Insecticide:	Tundra	Planting Population:	40,000
Fungicide:	Veltyma	Yield/Acre:	260.15
Fertility:	210# N, 3 tons chicken litter, Starter: 12 gal. Convoy, 2X2 Zinc, Asend		

DIVISION II - No-Till

JOE AND DAVID CECIL FARMS

Planted:	5/11/2022	Harvested:	9/27/2022
Brand:	FS InVision FS6306TRIB	Moisture:	20.1
Herbicide:	3 qt. Lexar, 1 qt. Roundup, Atrazine	Acreage:	1.6639
Insecticide:	3 oz. Bifenthrin	Planting Population:	36,000
Fungicide:	Trivapro at R1, Xyway at layby	Yield/Acre:	285.56
Fertility:	283# N, 69# P ₂ O ₅ , 120# K ₂ O, 15# S, 1qt. Zn,		

LANDON TAYLOR

Planted:	5/7/2022	Harvested:	10/4/2022
Brand:	Dyna-Gro D55VC80RIB	Moisture:	16.7
Herbicide:	Accuron, Atrazine, Clethodim	Acreage:	1.307
Insecticide:	Sniper, Besige, Tombstone, Helios	Planting Population:	40,000
Fungicide:	Trivapro, Veltyma	Yield/Acre:	269.64
Fertility:	350# N, 250# P ₂ O ₅ , 250# K ₂ O, 3# Zinc, 55# S, 2.5# B,		

GOETZ BROTHERS FARMS

Planted:	4/29/2022	Harvested:	9/13/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	23.7
Herbicide:	2.5 qt. Acuron, 1 qt. Atrazine 4L, 1 qt. Roundup	Acreage:	1.5886
Insecticide:	None	Planting Population:	36,000
Fungicide:	Trivapro	Yield/Acre:	266.95
Fertility:	200# N, Starter: 15 gals. 3-18-18, 1 qt. Zn	Check 2:	267.89

MATT CASTLEN

Planted:	4/30/2022	Harvested:	10/7/2022
Brand:	Pioneer P1289AM	Moisture:	13.8
Herbicide:	Roundup, Atrazine, Accuron	Acreage:	1.2631
Insecticide:	Ethos	Planting Population:	33,000
Fungicide:	Miravis Neo	Yield/Acre:	262.78
Fertility:	220# N, 69# P ₂ O ₅ , 90# K ₂ O, 21# S, 2# Zn, 4# B,		

TRIPLE T FARMS

Planted:	5/7/2022	Harvested:	10/4/2022
Brand:	DynaGro D55VC80	Moisture:	16.3
Herbicide:	Atrazine, Acuron, Clethodim	Acreage:	1.3090
Insecticide:	Sniper, Tombstone, Helios, Besiege	Yield/Acre:	261.06
Fungicide:	Veltyma, Trivapro	Planting Population:	38,000
Fertility:	350# N, 250# P ₂ O ₅ , 250# K ₂ O, 5.5# S, 3# Zn, 2.5# B,		

GOETZ BROTHERS FARMS

Planted:	4/29/2022	Harvested:	9/15/2022
Brand:	DeKalb DKC65-95RIB	Moisture:	20.7
Herbicide:	2.5 qt. Accuron, 1 qt. Atrazine 4L, 1 qt. Roundup	Acreage:	1.2516
Insecticide:	None	Planting Population:	34,000
Fungicide:	Trivapro	Yield/Acre:	251.19
Fertility:	200# N, Starter: 3-18-18, 1 qt. Zn		

FLATLICK GRAIN FARMS LLC

Planted:	4/28/2022	Harvested:	10/14/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	14.3
Herbicide:	Leadoff, Offense XL, Assure II	Acreage:	1.607
Insecticide:	None	Planting Population:	33,800
Fungicide:	8 oz. Veltyma	Yield/Acre:	249.97
Fertility:	268# N, 5 gals. KYAmerican Product, 28 gals. 2X2X0		

COLE HAMILTON

Planted:	5/24/2022	Harvested:	10/24/2022
Brand:	NK NK1082-DV	Moisture:	15.6
Herbicide:	Accuron, Roundup	Acreage:	1.2878
Insecticide:	Mustang	Planting Population:	34,000
Fungicide:	Trivapro	Yield/Acre:	234.62
Fertility:	240# N		

KEVIN AND CLINT HARDY

Planted:	4/28/2022	Harvested:	9/22/2022
Brand:	Dyna-Gro D55VC80RIB	Moisture:	16.8
Herbicide:	1pt. 2,4-D LV6, 1 qt. glyphosate, 2 qt. Atrazine, 3 qts. Halex GT, 2 oz. Status	Acreage:	1.5740
Insecticide:	1# Smartchoice HC	Planting Population:	33,100
Fungicide:	None	Yield/Acre:	230.74
Fertility:	208# N, 46# P ₂ O ₅ , 60# K ₂ O, 12# S, 2# Zinc		

DIVISION III - White Corn

GENE GLENN & SONS FARMS

Planted:	4/29/2022	Harvested:	9/19/2022
Brand:	Pioneer P1656WAM	Moisture:	18.2
Herbicide:	Roundup, Atrazine, Acuron	Acreage:	1.3795
Insecticide:	None	Planting Population:	32,000
Fungicide:	Veltyma	Yield/Acre:	253.37
Fertility:	220# N, 3 Tons Turkey Litter		

PPJ THOMPSON FARMS

Planted:	5/10/2022	Harvested:	9/28/2022
Brand:	Pioneer P1618W	Moisture:	19.2
Herbicide:	24 oz. Roundup, 10 oz. Firezone, 2 qt. Atrazine, 3 oz. Anthem Max, 4 oz. Revulin Q, 2 oz. Status	Acreage	1.2792
Insecticide:	Tombstone	Planting Population:	32,000
Fungicide:	Quilt	Yield/Acre:	244.39
Fertility:	218# N, 46# P ₂ O ₅ , 60# K ₂ O		

PPJ THOMPSON FARMS

Planted:	5/10/2022	Harvested:	9/21/2022
Brand:	Pioneer P1306W	Moisture:	
Herbicide:	24 oz. Roundup, 10 oz. Firezone, 2 qt. Atrazine, 3 oz.. Anthem Max, 4 oz. Revulin Q, 2 oz. Status	Acreage	1.2897
Insecticide:	Tombstone	Planting Population:	32,000
Fungicide:	Quilt	Yield/Acre:	243.97
Fertility:	218# N, 46# P ₂ O ₅ , 60# K ₂ O		

PPJ THOMPSON FARMS

Planted:	5/10/2022	Harvested:	9/29/2022
Brand:	Pioneer P1306W	Moisture:	17.3
Herbicide:	24 oz. Roundup, 10 oz. Firezone, 2 qt. Atrazine, 3 oz.. Anthem Max, 4 oz. Revulin Q, 2 oz. Status	Acreage	1.339
Insecticide:	Tombstone	Planting Population:	32,000
Fungicide:	Quilt	Yield/Acre:	227.46
Fertility:	218# N, 46# P ₂ O ₅ , 60# K ₂ O		

DIVISION IV - Irrigated

TANNER STROUP

Planted:	5/5/2022	Harvested:	10/10/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	15.0
Herbicide:	Accuron, Glyphosate, Atrazine, Verdict	Acreage:	1.2569
Insecticide:	Tundra	Planting Population:	36,000
Fungicide:	Veltyma, Xyway, Ethos	Yield/Acre:	301.83
Fertility:	275# N, 2# Zn, 20# S, 2# B, VRT P ₂ O ₅ , K ₂ O	Check 2:	272.07

KNOTT FARMS

Planted:	4/29/2022	Harvested:	9/12/2022
Brand:	DeKalb DKC66-18RIB	Moisture:	22.8
Herbicide:	Laudis, Atrazine	Acreage:	1.9972
Insecticide:	Ethos	Planting Population:	35,000
Fungicide:	Veltyma	Yield/Acre:	289.83
Fertility:	175# N, 10# S, 2 qt. Zn, 2 ton chicken litter	Check 2:	285.57
		Check 3:	284.60

KNOTT FARMS

Planted:	4/29/2022	Harvested:	9/15/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	22.5
Herbicide:	Laudis, Atrazine	Acreage:	1.3891
Insecticide:	Ethos	Planting Population:	33,000
Fungicide:	Veltyma	Yield/Acre:	278.01
Fertility:	175# N, 10# S, 2 ton chicken litter, Starter: 2 qt. Zn		

KEN-MAUR FARMS

Planted:	5/2/2022	Harvested:	9/20/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	25.7
Herbicide:	3 oz. Laudis, 3 qt. Atrazine, 1 qt. Roundup,	Acreage:	1.4477
Insecticide:	Bifenthrin	Yield/Acre:	276.57
Fungicide:	Headline Amp-V10, Veltyma - Brownsilk	Check 2	276.14
Fertility:	310# N, 152# P ₂ O ₅ , 752# K ₂ O, 2 qt. Zn, 5# S, 2 tons chicken litter, Starter: 1.5# B, 8 gal. 9-24-3		

KNOTT FARMS

Planted:	4/30/3033	Harvested:	9/12/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	25.1
Herbicide:	Laudis, Atrazine	Acreage:	1.4593
Insecticide:	Ethos	Planting Population:	33,600
Fungicide:	Veltyma	Yield/Acre:	266.83
Fertility:	175# N, 10# S, 2 ton chicken litter, Starter: 2 qt. Zn		

STEPHEN FARMS

Planted:	5/20/2022	Harvested:	10/3/2022
Brand:	AgriGold A645-16VT2RIB	Moisture:	23.4
Herbicide:	Atrazine, Laudis, Roundup	Acreage:	1.2996
Insecticide:	Bifenthrin	Planting Population:	34000
Fungicide:	Miravis Neo-V10, Trivapro - Brownsilk	Yield/Acre:	248.62
Fertility:	190# N, .75# Zn, 2# B, Starter: 6 gal. 9-24-3, 4 gal. KTS Y-drop	Check 2:	244.47

2022 DAVIESS COUNTY XTEND FLEX
COMPARISION OF EARLY MATURITY SOYBEANS 2.6 - 3.2 Group
3 Companies • 4 Brands

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

VARIETY	DON & BRIAN CECIL FARMS	GERALD & JOEL BOSWELL FARMS	VARIETY AVERAGE
1. Dyna-Gro S28XF92S	75.1	72.0	73.6
2. Dyna-Gro S31XF82	97.0	80.6	88.8
3. NK NK31-J9XF	96.9	85.7	91.3
4. Stewart 2952XF	91.3	76.2	83.7

**2022 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 & Brian Cecil Farms
Planting Date: April 29, 2022
Harvest Date: September 23, 2022
Planting Population: 135,000
Herbicides: 6 oz. Zidua Pro, 24 oz. Roundup III, 8 oz. Outlook,
12.8 oz. Biologicals Prosoil, 1 qt. SPNC BDI
Fungicides: 13.7 oz. Miravis Top
Insecticides: 6 oz. Beseige
Fertility: 2 Ton Chicken Litter
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. Dyna-Gro S28XF92S	55.0	13.8	75.1	4
2. Dyna-Gro S31XF82	54.0	13.2	97.0	1
3. NK NK31-J9XF	56.0	12.5	96.9	2
4. Stewart 2952XF	55.0	12.6	91.3	3
Plot Average	55.0	13.0	90.1	

**2022 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: May 11, 2022
Harvest Date: October 7, 2022
Planting Population: 130,000
Herbicides: Kyber, Roundup, Veritas LV, Glyphosate, Engenia, Visor S-MOC
Fungicides: Approach Prima
Insecticides: Reveal Endurx
Fertility: Anova, V-Agri
Primary Soil Type: Uniontown Silt Loam
Row Width: 15 - 15" rows
Plot Location: Ray Road at Blackford Creek
Previous Crop: Corn
Tillage Practice: No-till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Dyna-Gro S28XF92S	53.0	11.5	72.0	4
2. Dyna-Gro S31XF82	54.0	11.0	80.6	2
3. NK NK31-J9XF	54.0	12.8	85.7	1
4. Stewart 2952XF	52.0	12.6	76.2	3
Plot Average	53.3	12.0	78.6	

2022 DAVIESS COUNTY XTEND FLEX
COMPARISON OF MID MATURITY SOYBEANS - 3.3 - 3.9 GROUP
7 Companies · 12 Brands

VARIETY	DON & BRIAN CECIL FARMS	BOSWELL FARMS	VARIETY AVERAGE
1. Dyna-Gro S38XF22S	101.4	88.6	95.0
2. NK NK38-G9XF	94.0	93.2	93.6
3. Dyna-Gro S39XF41	105.1	86.3	95.7
4. NK NK39-M8XF	101.3	93.2	97.3
5. Beck's 3663XF	93.7	86.6	90.2
6. Beck's 3555XF	100.2	84.9	92.6
7. Asgrow AG35XF1	107.9	81.1	94.5
8. Stewart 3531XF	105.9	86.2	96.1
9. Stewart 3843XF	94.9	93.9	94.4
11. AgriGold G3724XF	92.5	93.3	92.9
12. AgriGold G3490XF	92.7	97.5	95.1

**2022 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 29, 2022
Harvest Date:	September 23, 2022
Planting Population:	135,000
Herbicides:	6 oz. Zidua Pro, 24 oz. Roundup III, 8 oz. Outlook, 12.8 oz. Biologicals Prosoil, 1 qt. SPNC BDI
Fungicides:	13.7 oz. Miravis Top
Insecticides:	6 oz. Beseige
Fertility:	2 Ton Chicken Litter
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	PERCENT	HARVEST	RANK
	WEIGHT	MOISTURE	YIELD	
1. Dyna-Gro S38XF22S	56.0	13.0	101.4	5
2. NK NK38-G9XF	53.5	15.2	94.0	9
3. Dyna-Gro S39XF41	56.5	13.1	105.1	3
4. NK NK39-M8XF	56.5	13.4	101.3	6
5. Beck's 3663XF	56.0	12.7	93.7	10
6. Beck's 3555XF	56.5	12.2	100.2	7
7. Asgrow AG35XF1	56.0	12.2	107.9	1
8. Stewart 3531XFF	56.5	12.2	105.9	2
9. Stewart 3843XF	56.0	12.7	94.9	8
10. AgriGold AG38XF1	56.0	13.0	102.5	4
11. AgriGold AG3724XF	54.5	13.9	92.5	12
12. AgriGold G3490XR	53.0	13.2	92.7	11
Plot Average	56	13	99	

2022 DAVIESS COUNTY XTEND FLEX
MID MATURITY SOYBEAN VARIETY TEST PLOT
(3.3 - 3.9 Group)
6 Companies · 12 Brands

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Boswell Farms
Planting Date:	May 11, 2022
Harvest Date:	October 7, 2022
Planting Population:	130,000
Herbicides:	Kyber, Roundup, Veritas LV, Glyphosate, Engenia, Visor S-MOC
Fungicides:	Approach Prima
Insecticides:	Reveal Endurx
Fertility:	Anova, V-Agri
Primary Soil Type:	Uniontown Silt Loam
Row Width:	15 - 15" rows
Plot Location:	Ray Road at Blackford Creek
Previous Crop:	Corn
Tillage Practice:	No till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Dyna-Gro S38XF22S	52.0	11.4	88.6	6
2. NK NK38-G9XF	53.0	11.2	93.2	4
3. Dyna-Gro S39XF41	54.0	11.3	86.3	8
4. NK NK39-M8XF	54.0	11.8	93.2	4
5. Beck's 3663XF	54.0	11.9	86.6	7
6. Beck's 3555XF	52.0	11.6	84.9	10
7. Asgrow AG35XF1	53.5	11.2	81.1	11
8. Stewart 3531XFF	53.0	11.1	86.2	9
9. Stewart 3843XF	55.5	10.9	93.9	2
11. AgriGold G3724XF	54.0	11.3	93.3	3
12. AgriGold G3490XF	54.0	11.4	97.5	1
Plot Average	53.5	11.4	89.5	

2022 DAVIESS COUNTY XTEND FLEX
COMPARISON OF LATE MATURITY SOYBEANS - 4.0 - 5.0 GROUP
6 Companies · 11 Brands

VARIETY	BOSWELL FARMS	DON & BRIAN CECIL FARMS	VARIETY AVERAGE
1. Asgrow AG40XF1	85.9	77.6	81.8
4. NK NK43-Y9XFS	87.1	95.7	91.4
5. Stewart 4353XF	84.0	82.8	83.4
6. NK NK44-J4XFS	92.3	92.8	92.6
7. Dyna-Gro S45XF02	80.7	78.0	79.4
8. Beck's 4553XF	75.3	82.2	78.8
9. Stewart 4533XF	82.1	87.4	84.8
10. FS HiSOY HS46F00	86.2	87.0	86.6
11. Dyna-Gro S46XF31S	82.9	86.8	84.8
12. AgriGold G4615XF	81.5	92.0	86.8
13. Beck's 4885XF	80.8	81.0	80.9

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

**2022 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:	Boswell Farms
Planting Date:	May 11, 2022
Harvest Date:	October 15, 2022
Planting Population:	130,000
Herbicides:	Kyber, Roundup, Veritas LV, Glyphosate, Engenia, Visor S-MOC
Fungicides:	Approach Prima
Insecticides:	Reveal Endurx
Fertility:	Anova, V-Agri
Primary Soil Type:	Uniontown Silt Loam
Row Width:	15 - 15" rows
Plot Location:	Ray Road at Blackford Creek
Previous Crop:	Corn
Tillage Practice:	No-till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. AgriGold G4094XF	54.5	10.0	85.1	6
2. Asgrow AG40XF1	54.5	10.2	85.9	5
3. Asgrow AG43XF2	51.0	10.4	88.9	2
4. NK NK43-Y9XFS	52.5	9.8	87.1	3
5. Stewart 4353XF	53.0	10.0	84.0	7
6. NK NK44-J4XFS	55.0	9.9	92.3	1
7. Dyna-Gro S45XF02	54.0	9.7	80.7	12
8. Beck's 4553XF	55.0	9.8	75.3	13
9. Stewart 4533XF	51.0	10.1	82.1	9
10. FS HiSOY HS46F00	53.0	10.1	86.2	4
11. Dyna-Gro S46XF31S	52.0	9.9	82.9	8
12. AgriGold G4615XF	55.0	9.5	81.5	10
13. Beck's 4885XF	54.0	9.6	80.8	11
Plot Average	53.4	9.9	84.1	

**2022 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 18, 2022
Harvest Date:	October 13, 2022
Planting Population:	135,000
Herbicides:	6 oz. Zidua Pro, 24 oz. Roundup III, 8 oz. Outlook, 12.8 oz. Biologicals Prosoil, 1 qt. SPNC BDI
Fungicides:	13.7 oz. Miravis Top
Insecticides:	6 oz. Beseige
Fertility:	18# N, 46# P ₂ O ₅ , 60# K ₂ O
Primary Soil Type:	Belknap Silt Loam
Row Width:	7 - 15" rows
Plot Location:	Stinnett Road, Yelvington
Previous Crop:	Soybeans
Tillage Practice:	No till

VARIETY	TEST	PERCENT	HARVEST	RANK
	WEIGHT	MOISTURE	YIELD	
1. Asgrow AG40XF1(6 row)	56.5	11.7	77.6	11
4. NK NK43-Y9XFS	56.5	11.7	95.7	1
5. Stewart 4353XF	57.0	11.5	82.8	7
6. NK NK44-J4XFS	57.0	11.5	92.8	2
7. Dyna-Gro S45XF02	57.5	11.4	78.0	10
8. Beck's 4553XF	58.0	11.6	82.2	8
9. Stewart 4533XF	58.5	11.9	87.4	4
10. FS HiSOY HS46F00	57.5	12.3	87.0	5
11. Dyna-Gro S46XF31S	57.5	12.5	86.8	6
12. AgriGold G4615XF	56.5	12.8	92.0	3
13. Beck's 4885XF	58.0	12.7	81.0	9
14. LG LGS4862XF	57.5	13.0	95.3	
15. LG LGS4172SF	58.0	13.3	91.7	
16. NK NK48-H3XFS	57.5	13.7	93.5	
17. Pioneer P46A26	57.5	12.2	85.0	
18. NK NK4620	57.5	12.0	100.8	
Plot Average	57.4	12.2	88.1	

**2022 DAVIESS COUNTY ENLIST
SOYBEAN VARIETY TEST PLOT COMPOSITE**
9 Companies • 17 Brands

VARIETY	PPJ THOMPSON FARMS	GLENN THOMPSON	BRIAN NELTNER	VARIETY AVERAGE	RANK
1. Pioneer P35T15E	87.6	80.7	74.5	80.9	14
2. Dyna-Gro S36ES70	81.0	76.7	80.3	79.4	16
3. AgriGold 3957E3	89.1	81.5	82.7	84.4	6
4. NuTech 39N07E	89.4	78.5	83.0	83.6	8
5. Xitavo BASF X03922E	97.4	78.1	79.3	84.9	4
6. NuTech 40N02E	85.0	80.9	88.4	84.8	5
7. NK NK40-P5E3	94.7	81.8	87.0	87.8	2
8. Beck's 4030E3	88.2	79.7	81.2	83.0	10
9. Dyna-Gro S41EN72	85.6	75.8	80.7	80.7	15
10. Partners Brand PB4123-E3	84.8	76.3	85.0	82.0	12
11. Xitavo BASF X04132E	88.9	76.1	81.9	82.3	11
12. FS HiSOY HS42E10	86.6	80.8	76.9	81.4	13
13. Partners Brand PB423	84.8	67.9	73.2	75.3	17
14. Beck's 4230E3	82.0	78.9	89.6	83.5	9
15. NK NK44-Q5E3S	93.5	74.2	84.0	83.9	7
16. FS HiSOY HS45E00	99.6	81.1	74.8	85.2	3
17. Pioneer P45A79E	104.2	78.8	81.7	88.3	1

2022 DAVIESS COUNTY ENLIST SOYBEAN VARIETY TEST PLOT

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	PPJ Thompson Farms
Planting Date:	May 10, 2022
Harvest Date:	October 5, 2022
Planting Population:	140,000
	Burndown: 24 oz. Roundup, 2.5 oz. Anthem Max, 12 oz. 2,4-D, 10 oz. Firezone, Post: 2 qts. Enlist, 1 pt. Everpres, 1.5 Oz. Sultrus
Herbicides:	
Fungicides:	None
Insecticides:	None
Fertility:	14# N, 34# P ₂ O ₅ , 90# K ₂ O
Primary Soil Type:	McGary Silt Loam
Row Width:	22 - 7.5" rows
Plot Location:	Smock Road, Curdsville
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	TEST	PERCENT	HARVEST	RANK
		MOISTURE	YIELD		
1. Pioneer P35T15E	57.0	11.5	87.6	10	
2. Dyna-Gro S36ES70	56.0	11.6	81.0	17	
3. AgriGold 3957 E3	56.0	10.6	89.1	7	
4. NuTech 39N07E	55.8	10.9	89.4	6	
5. Xitavo BASF X03922E	56.0	10.7	97.4	3	
6. NuTech 40N02E	55.5	11.4	85.0	13	
7. NK NK40-P5E3	56.0	11.6	94.7	4	
8. Beck's B4030E3	55.9	11.9	88.2	9	
9. Dyna-Gro S41EN72	56.0	12.3	85.6	12	
10. Partners Brand PB4123-E3	53.2	14.3	84.8	15	
11. Xitavo BASF X04132E	54.5	13.2	88.9	8	
12. FS HiSOY HS42E10	54.3	13.1	86.6	11	
.13 Partners Brand PB423	56.0	11.9	84.8	14	
14. Beck's B4230E3	52.2	18.7	82.0	16	
15. NK NK44-Q5E3S	52.0	22.5	93.5	5	
16. FS HiSOY HS45E00	50.2	22.5	99.6	2	
17. Pioneer P45A79E	55.0	15.2	104.2	1	
Plot Average	54.8	13.8	89.5		

2022 DAVIESS COUNTY ENLIST SOYBEAN VARIETY TEST PLOT

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Glenn Thompson
Planting Date:	May 13, 2022
Harvest Date:	October 10, 2022
Planting Population:	155,000
Herbicides:	Anthem Max, 2,4-D, 40 oz. Interline, 1 qt. Roundup, 3 oz. Zidua
Fungicides:	None
Insecticides:	None
Fertility:	18# N, 45# P ₂ O ₅ , 120# K ₂ O
Primary Soil Type:	Henshaw Silt Loam
Row Width:	14 - 15" rows
Plot Location:	Hamilton Ferry Rd., Sorgho
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Pioneer P35T15E	56.5	11.4	80.7	6
2. Dyna-Gro S36ES70	54.0	11.4	76.7	12
3. AgriGold 3957 E3	56.0	10.6	81.5	2
4. NuTech 39N07E	54.5	10.2	78.5	10
5. Xitavo BASF X03922E	57.0	10.3	78.1	11
6. NuTech 40N02E	56.0	10.2	80.9	4
7. NK NK40-P5E3	57.0	10.3	81.8	1
8. Beck's 4030E3	55.0	10.4	79.7	7
9. Dyna-Gro S41EN72	57.0	10.1	75.8	15
10. Partners Brand PB4123-E3	55.0	10.0	76.3	13
11. Xitavo BASF X04132E	54.5	10.0	76.1	14
12. FS HiSOY HS42E10	54.0	10.7	80.8	5
.13 Partners Brand PB423	55.5	10.4	67.9	17
14. Beck's 4230E3	54.0	10.6	78.9	8
15. NK NK44-Q5E3S	54.0	12.2	74.2	16
16. FS HiSOY HS45E00	53.5	10.9	81.1	3
17. Pioneer P45A79E	55.0	11.8	78.8	9
18. Pioneer P40T19E	53.0	11.1	73.0	
Plot Average	55.1	10.7	77.8	

2022 DAVIESS COUNTY ENLIST SOYBEAN VARIETY TEST PLOT

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Brian Neltner
Planting Date:	May 17, 2022
Harvest Date:	October 12, 2022
Planting Population:	133,000
Herbicides:	1 qt. Enlist, 1 qt. Liberty, 3 oz. ZiduaSC, 64 oz. Roundup Powermax, 3 oz. Anthem Maxx, 1 oz. Sharpen
Fungicides:	5 oz. Lucento
Insecticides:	None
Fertility:	None
Primary Soil Type:	Irrigated Ginat/Scioto/Weinback Silt Loam
Row Width:	11 - 15" rows
Plot Location:	Hwy 811, Reed
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	TEST	PERCENT	HARVEST	RANK
		WEIGHT	MOISTURE	YIELD	
Beck's B4030E3 (16 rows)	54.5		11.1	87.5	
1. Pioneer P35T15E	55.5		11.1	74.5	16
2. Dyna-Gro S36ES70	55.0		11.2	80.3	12
3. AgriGold 3957 E3	55.5		10.5	82.7	7
4. NuTech 39N07E	55.5		10.7	83.0	6
5. Xitavo BASF X03922E	56.0		10.4	79.3	13
6. NuTech 40N02E	56.0		10.3	88.4	2
7. NK NK40-P5E3	56.0		10.4	87.0	3
8. Beck's B4030E3	56.0		10.7	81.2	10
9. Dyna-Gro S41EN72	55.5		10.7	80.7	11
10. Partners Brand PB4123-E3	56.0		11.3	85.0	4
11. Xitavo BASF X04132E	56.0		10.8	81.9	8
12. FS HiSOY HS42E10	55.5		10.4	76.9	14
.13 Partners Brand PB423	56.0		11.0	73.2	17
14. Beck's B4230E3	56.0		12.6	89.6	1
15. NK NK44-Q5E3S	56.5		11.6	84.0	5
16. FS HiSOY HS45E00	55.0		13.1	74.8	15
17. Pioneer P45A79E	57.0		12.4	81.7	9
18. LG LG4344E3	56.5		13	73.0	
19. Becks 3910E3	54.5		12.6	85.3	
Plot Average	55.9		10.7	82.2	

2022 SOYBEAN STRIP CHECKS

COLE HAMILTON

Brand: NK31-J9XF
Yield/acre: 81.6

Moisture: 11.3
Harvested: 9/27/2022

WINKLER FARMS

Brand: Becks
Yield/acre: 57.76

Moisture: 7.9
Harvested: 10/24/2022

2022 Kentucky Soybean Variety Trial - Maturity Group II (2.0 - 2.9)

Variety	MG	Herbicide Technologies	State Average*	Yield (bu/a)
US 7293XFS	2.9	XtendFlex/STS	47.0	38.4
HS 28F20	2.8	Xtend	47.7	42.5
Average	47.4	40.5	46.5	50.0
C.V. (%)	6.2	3.3	2.6	5.7
LSD (0.10)	2.2	7.6	24.0	16.1

* Summary of eight trials - Calloway, Trigg, Fayette, Hancock, McCracken, Grayson, Pulaski, Allen Counties.
 Protein and Oil values (NIR) from 3 reps at Trigg County location.
 Lodging (%) - 0%

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

Planting date: Calloway - 5/10/22; Fayette - 4/29/22; Grayson - 4/28/22; McCracken - 5/11/22; Hancock - 5/12/22; Pulaski - 5/5/22; Allen - 5/13/22.

Harvest Date: Calloway - 9/22/22; Trigg - 9/21/22; Fayette - 9/26/22; Hancock - 10/4/22; McCracken - 9/22/22; Grayson - 9/20/22; Pulaski - 10/7/22; Allen - 10/14/22.

2022 Kentucky Soybean Variety Trial - Maturity Group III (3.0 - 3.9)

Variety	MG	Herbicide Technologies	State Average*	Yield (bu/a)
DYNA-GRO S39EN19	3.9	Enlist E3	63.2	70.1
CHANNEL 38-3RXF	3.8	XtendFlex	62.4	54.2
STINE 39EA02	3.9	E3Pub	62.1	47.6
ARMOR 39-E75	3.9	Enlist/E3	61.9	69.4
HS 35E10	3.5	E3/Enlist	61.9	43.4
XO 3922E	3.9	Enlist	61.4	47.0
CONV	3.9	CONV	61.1	46.6
DYNA-GRO S3961STS	3.9	XtendFlex/STS	61.0	68.7
USG 7392XFS	3.9	Xtend	60.6	41.1
NK37-V4E3S	3.7	Enlist	60.0	50.7
NUTECH SEED 34N02E	3.4	E3	60.0	59.3
PB 3923 E3 S	3.9	E3, STS	60.0	43.0
NUTECH SEED 37N01E	3.7	E3	59.7	66.9
NUTECH SEED 39N01E	3.9	E3	59.1	44.2
DYNA-GRO S38XFS22S	3.8	Xtend/STS	58.9	41.5
B392EE	3.9	Enlist/E3	58.8	40.6
SEED CONSULTANTS SC 7381E™	3.8	Enlist	58.7	66.3
STEWART 3843XF	3.8	XtendFlex	58.7	49.4
SEED CONSULTANTS SC 7372E™	3.7	Enlist	58.7	65.6
STINE 39EC22	3.9	E3Pub	58.6	65.9
HS 38F20	3.8	Xtend	58.6	37.8
GH 3902E3S	3.9	E3STS	58.2	35.9
NUTECH SEED 35N03E	3.5	E3	57.9	64.9
ARMOR 39-F73	3.9	Xtend Flex	57.9	64.5
HS 37E10	3.7	E3/Enlist	57.5	42.9
NUTECH SEED 39N04E	3.9	E3	57.4	66.5
XO 3752E	3.7	Enlist	57.3	44.6
STINE 36EE12	3.6	E3Pub	57.2	64.2
HS 35F20	3.5	Xtend	56.7	38.1
Revere 3808XFS	3.9	XtendFlex/STS	56.7	64.3
GH 3762E3S	3.7	E3STS	55.8	64.5
DYNA-GRO S39XF41	3.9	XtendFlex/STS	55.6	66.0
ASGROW AG38XF1	3.8	XF	54.3	62.4
STEWART 3731XF	3.7	XtendFlex	54.2	60.1
PB 3323 E3 S	3.3	E3, STS	53.8	35.2
CHANNEL 3522RXF	3.3	XtendFlex	52.9	50.6
ASGROW AG38XF3	3.8	XF	52.6	41.0
CHANNEL 3521RXF	3.5	XtendFlex	50.6	59.8
STEWART 3531XF	3.5	XtendFlex	48.2	57.5
ASGROW AG30XF2	3.0	XF	46.2	40.4
Average	57.6	64.4	43.0	65.5
CV (%)	9.9	8.8	9.7	7.7
LSD (0.10)	2.9	4.0	8.1	9.9

* Summary of seven trials - (Calloway, Trigg, Fayette, Hancock, McCracken, Grayson, Pulaski, Allen Counties). McCracken excluded.

McCracken data highly variable.

McCacken data drift damage - do not use for variety selection.

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

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

Planting date:

Calloway - 5/10/22; Trigg - 4/29/22; Fayette - 5/2/22; Hancock - 5/11/22; McCracken - 5/12/22; Pulaski - 5/5/22; Grayson - 4/28/22; Pulaski - 9/22/22; Grayson - 9/20/22; McCracken - 9/22/22; Pulaski - 10/7/22; Allen - 10/14/22.

Harvest Date: Calloway - 9/22/22; Trigg - 9/21/22; Fayette - 9/26/22; Hancock - 10/4/22; McCracken - 9/22/22; Grayson - 9/20/22; Pulaski - 10/7/22; Allen - 10/14/22.

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

September

2022 Kentucky Soybean Variety Trial - Maturity Group IV Early (4.0 - 4.5).

State Average*
2022

2021-22

Calloway

Trigg

Fayette

Hancock

McCracken

Grayson

Pulaski

Allen

Variety	MG	Herbicide Technologies	2022	Average*	2021-22	Calloway	Trigg	Fayette	Hancock	McCracken	Grayson	Pulaski	Allen	Protein %	Oil %	Height (in)	Maturity Date September	Lodging*
GH 4433E3S	4.4	E3/STS	65.6	47.9	70.2	62.8	82.0	45.8	52.3	57.8	86.3	39.5	21.3	30	31	1.1		
PIONEER P42A84E	4.2	ENLIST	64.7	53.8	68.7	56.5	69.7	49.1	58.1	60.0	86.1	37.3	22.2	36	28	1.3		
Revere P429X5S	4.3	Xtend/STS	64.3	71.5	53.0	72.7	57.7	70.1	48.9	47.7	57.6	91.5	37.3	22.4	37	30	1.1	
B452EF	4.5	Enlist E3	63.3	42.5	67.0	67.5	77.3	51.1	47.6	58.5	82.8	36.2	22.8	37	30	1.2		
NUTECH SEED 45N09E	4.5	E3	63.2	42.2	65.7	68.0	72.4	48.4	60.8	55.3	78.0	36.5	22.9	37	30	1.3		
B421EE	4.2	Enlist E3	63.2	71.1	44.7	74.0	54.7	72.6	43.2	56.2	58.8	81.2	36.7	23.7	33	28	1.8	
XO 4132E	4.1	Enlist	63.1	42.4	66.4	56.0	80.6	43.8	55.6	59.6	81.3	36.5	23.7	35	27	1.7		
STINE 41EE62	4.1	E3/Pub	63.0	41.4	68.2	57.0	79.7	40.9	49.2	61.9	83.9	36.7	23.9	31	28	1.6		
AGRICOLD G4144XF	4.1	XF	63.0	54.7	67.3	66.0	76.8	41.2	52.4	52.0	72.0	37.8	21.9	35	31	1.7		
ASGROW AG45XF3	4.5	XF/SR	62.9	48.3	70.0	59.0	80.4	31.0	60.5	50.0	72.4	37.4	22.8	36	31	1.4		
NUTECH SEED 43N04E	4.3	E3	62.2	70.7	52.5	70.1	55.2	76.9	45.9	51.5	51.2	77.6	36.7	23.9	32	28	1.7	
GH 4343XF5	4.3	XtendFlex/STS	61.8	50.2	69.8	58.5	77.5	46.4	56.0	50.4	70.2	37.7	22.5	36	31	1.0		
HS 40F20	4.0	Xtend	61.7	43.8	62.3	60.4	78.3	47.2	48.6	54.7	83.8	38.4	22.1	34	28	1.1		
Revere 4126XF5	4.5	XtendFlex/STS	61.7	52.7	69.2	55.3	81.7	33.7	50.5	46.2	76.2	36.2	22.7	36	31	1.4		
XO 4522E	4.5	Enlist	61.5	43.6	60.1	58.2	76.1	36.9	54.7	57.9	80.0	37.6	23.0	34	31	1.1		
DYNA-GRO SA41EN72	4.1	Enlist E3	61.5	69.9	42.4	63.8	61.4	76.2	54.6	51.0	84.7	36.6	23.7	35	28	1.5		
AGRICOLD G4094XF	4.0	XF	61.2	49.7	66.5	59.8	76.6	30.5	53.8	47.5	74.7	36.8	24.0	35	28	1.3		
STINE 41EB32	4.1	E3/Pub	61.2	69.1	33.8	67.2	82.1	47.2	51.3	61.1	80.4	38.8	22.7	30	28	1.1		
Revere 4128XF5	4.1	XtendFlex/STS	60.9	47.1	70.1	70.1	66.6	43.7	48.6	50.8	73.1	38.1	21.8	35	32	1.9		
DYNA-GRO SA4122STS	4.1	CONV	60.9	68.7	39.5	64.0	60.2	70.5	38.5	61.9	54.0	76.0	38.8	21.9	38	26	1.7	
DYNA-GRO SA45XF02	4.5	XTFlex/STS	60.7	47.5	65.6	63.5	69.7	41.2	49.4	50.6	78.9	37.9	22.3	37	32	1.1		
HS 44F20	4.4	Xtend	60.6	48.6	70.3	59.0	72.9	35.9	46.4	54.4	72.7	37.7	22.9	37	32	1.2		
DYNA-GRO SA45ES10	4.5	Enlist E3/STS	60.5	69.0	50.8	66.4	46.8	78.1	44.5	54.8	52.0	74.7	37.4	23.1	33	30	1.2	
Revere 4415XF	4.4	XtendFlex	60.4	68.8	44.1	67.8	61.4	59.5	45.1	55.0	51.8	82.9	39.1	21.7	37	30	1.2	
PIONEER P45A79E	4.5	ENLIST	59.9	41.4	55.4	63.6	79.2	45.8	52.1	49.6	77.9	37.4	23.3	33	30	1.3		
AGRICOLD G4151E3	4.1	E3	59.9	47.8	64.2	48.9	82.5	43.3	51.0	50.7	73.9	36.7	23.6	35	28	1.8		
NK43-Y9X5S	4.3	Extend Flex	59.8	42.9	67.5	55.5	72.8	39.9	48.0	54.7	77.3	37.7	22.7	36	31	1.0		
Innotech 4324E3	4.3	Enlist E3	59.7	51.8	67.2	56.0	63.2	51.7	48.0	52.0	79.6	38.1	23.6	35	28	1.2		
SEED CONSULTANTS SC 7421E™	4.2	Enlist	59.4	42.7	63.7	62.9	69.9	36.4	47.3	59.7	69.6	37.3	23.5	36	28	1.8		
B402EE	4.0	Enlist E3	59.4	45.9	61.4	60.5	73.8	37.0	47.5	53.6	73.1	36.4	23.1	32	27	1.1		
STINE 44EC20	4.4	E3/Pub	58.8	65.9	45.3	62.5	57.8	72.6	32.3	49.5	45.7	78.6	38.7	22.4	34	30	1.3	
NUTECH SEED 40N02E	4.0	E3	58.7	42.5	60.0	57.7	70.9	29.7	47.2	54.1	78.7	38.3	22.8	30	26	1.1		
SEED CONSULTANTS SC 7412E™	4.2	Enlist	58.5	46.0	59.6	49.8	70.9	35.0	51.0	55.1	77.0	37.9	23.2	30	24	1.1		
HS 41E20	4.2	E3/Enlist	58.4	41.5	66.5	51.2	73.9	48.3	46.2	48.3	82.2	35.7	24.1	35	29	1.7		
DYNA-GRO SA42XF93S	4.2	XTFlex/STS	58.3	45.5	64.8	60.7	67.5	41.1	54.2	47.5	67.7	38.0	22.1	37	30	1.5		
PALOMA PL2E440	4.4	E3	58.0	48.4	59.6	58.9	64.6	42.7	47.6	53.3	73.6	36.4	22.8	32	30	1.7		
AGRICOLD G4350XF	4.3	XF	57.9	46.7	64.5	59.0	75.2	36.4	48.8	45.0	65.7	37.8	21.5	38	30	1.2		
CHANNEL 4223RXF	4.2	XtendFlex	57.7	47.8	67.3	52.4	71.6	37.6	48.1	53.4	63.2	38.5	22.7	38	28	1.0		
HS 42E10	4.2	Enlist E3	57.7	44.5	60.1	56.5	67.2	38.8	46.6	54.2	74.5	37.4	23.7	35	29	1.2		
STEWART 4053XF	4.0	XtendFlex	56.7	43.0	62.6	54.5	71.8	38.5	49.0	51.0	69.8	37.8	22.6	32	29	1.0		
STEWART 4533XF	4.5	XtendFlex	55.9	47.6	64.9	56.5	62.8	39.5	52.4	60.0	69.7	38.1	22.4	34	27	1.1		
STEWART 4353XF	4.3	XtendFlex	54.9	46.1	60.6	55.5	59.8	43.9	46.5	50.9	64.6	37.9	23.1	39	29	1.0		
PB 423 E3 STSh	4.2	E3, STS	54.8	63.8	46.2	52.3	56.4	62.5	34.5	43.5	45.1	77.2	37.7	23.0	32	1.0		
ASGROW AG40XF1	4.0	XF/SR	53.7	63.6	41.1	49.5	54.6	65.0	35.7	44.7	52.5	68.5	37.7	23.3	36	27		
UNIVERSITY OF MISSOURI S19-3530RY	4.3	R2Y	50.1	36.9	47.9	52.5	48.4	32.8	45.3	51.2	68.2	36.6	23.4	40	28	1.1		
Average		60.0	68.4	45.7	64.3	57.9	72.1	41.2	50.7	53.1	73.8	37.6	22.9	34	29	1.3		
CV (%)		8.8	8.1	8.2	8.6	10.6	6.9	21.7	11.4	10.0	6.9							
LSD (0.10)		2.6	3.6	7.2	10.5	11.5	9.3	17.1	10.8	10.2	9.8							

* Summary of seven trials - (Calloway, Iroquois, Hancock, Pulaski, Fayette and Allen Counties). McCracken excluded.

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

Planting date: Calloway - 5/10/22; Trigg - 4/29/22; Fayette - 5/2/22; Hancock - 5/13/22; Pulaski - 5/6/22; Allen - 5/13/22.

Harvest date: Calloway - 10/1/22; Trigg - 10/6/22; Fayette - 10/9/22; Hancock - 10/10/22; Pulaski - 10/5/22; McCracken - 10/14/22; Grayson - 10/10/22; Allen - 10/18/22.

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

McCracken data highly variable - **Dicamba drift damage - do not use for variety selection.**

2022 Kentucky Soybean Variety Trial - Maturity Group IV Late (4.6 - 4.9).

Variety	MG	Herbicide Technologies	State Average*			2021-22			Calloway			Trigg			Fayette			Hancock			McCracken			Grayson			Pulaski		
			2022	Average*	2021-22	Yield (bu/a)	71.9	53.0	73.1	71.3	78.0	45.9	55.5	57.9	79.8	37.1	22.9	42	7	1.2	Lodging*								
Revere 4795XS	4.7	Xtend/STS	64.3	71.9	53.0	73.1	71.3	78.0	45.9	55.5	57.9	79.8	37.1	22.9	42	7	1.2												
SEED CONSULTANTS SC 7462E™	4.6	Enlist XFSR	63.2	44.9	66.0	71.4	72.5	44.8	60.0	63.9	82.0	36.8	22.8	40	5	1.3													
ASGROW AG48XF3	4.8	E3	62.9	50.4	68.8	61.5	81.3	52.2	63.0	53.2	73.0	38.2	22.8	39	10	1.4													
NUTECH SEED 47N04E	4.7	XF	62.4	48.2	67.8	65.7	79.4	44.9	56.5	61.4	75.3	36.4	22.1	38	7	1.3													
ASGROW AG49XF3	4.9	E3Pub	62.1	55.0	72.7	60.5	80.3	44.7	56.5	54.6	72.5	37.3	22.5	42	12	1.4													
STINE 46EE20	4.6	XtendFlex/STS	61.5	41.9	58.1	65.9	75.2	45.0	60.2	66.5	82.9	37.4	22.7	36	5	1.2													
USG 7463XFS	4.6	XtendFlex/STS	61.4	51.2	66.3	67.7	64.1	47.5	52.8	55.6	86.4	37.9	22.1	40	7	1.3													
GH 4882XFS	4.8	XtendFlex/STS	61.4	50.3	62.6	68.0	76.2	41.9	55.7	60.0	76.4	36.6	23.4	36	10	1.8													
B472EE	4.7	Enlist E3	61.3	51.6	59.4	65.2	76.7	44.0	52.5	65.1	75.6	37.0	22.4	37	6	1.1													
PIONEER P48A14E	4.8	ENLIST	60.8	44.8	62.0	67.1	79.9	50.4	52.5	51.7	78.2	37.4	22.0	42	9	1.4													
Revere 460XFS	4.6	XtendFlex/STS	60.8	70.5	48.0	58.8	68.4	73.6	48.5	52.2	57.0	79.5	37.2	22.2	41	7	1.5												
USG 7461XFS	4.6	XtendFlex/STS	60.6	70.1	52.8	69.4	63.3	62.7	44.7	57.9	55.0	79.2	36.5	22.1	43	8	1.4												
HS 48E10	4.8	E3/Enlist	60.6	66.4	48.8	59.9	65.8	76.4	49.3	53.9	57.2	73.4	37.9	21.6	43	8	2.3												
DYNA-GRO SA46XF31S	4.6	XTFlex/STS	60.4	46.0	57.2	68.9	78.6	45.0	57.2	60.5	70.0	36.8	22.3	43	8	1.2													
Revere 480XFS	4.8	Xtend/STS	60.4	70.4	48.1	70.7	63.4	75.4	49.5	51.7	51.5	72.7	38.1	23.0	40	8	1.1												
Revere 4727XF3	4.7	XtendFlex/STS	60.2	54.7	68.3	66.5	66.9	43.0	51.3	52.5	78.2	37.1	22.3	42	8	1.8													
DYNA-GRO SA47XF23S	4.7	XTFlex/STS	60.0	44.6	67.1	63.9	77.7	44.0	58.8	55.7	67.9	36.7	23.1	40	8	1.2													
ASGROW AG46XF3	4.6	XF/ST	59.9	48.5	60.6	65.2	75.0	42.9	62.0	55.9	68.8	37.6	23.4	42	7	1.4													
XO 4772E	4.7	Enlist	59.6	47.3	59.5	66.3	76.0	44.4	55.0	54.3	73.9	37.5	22.4	40	7	1.5													
Revere 4826XF	4.8	XtendFlex	59.6	52.2	65.0	65.8	75.9	47.0	44.2	54.0	72.2	38.2	23.0	40	8	1.2													
ARMOR 46-F76	4.6	Xtend Flex	58.8	41.5	66.5	62.9	79.7	45.1	55.4	44.6	74.2	36.8	22.2	43	8	1.5													
Revere 4925XFS	4.9	XtendFlex/STS	58.3	44.8	61.6	61.7	71.2	42.7	55.9	55.1	73.3	38.2	21.8	42	10	1.4													
HS 48F20	4.8	Xtend	58.2	42.5	63.0	61.4	78.1	45.0	51.3	53.9	70.2	37.3	22.2	40	9	1.0													
DYNA-GRO SA4751STS	4.7	CONV	58.0	68.3	43.7	52.3	66.2	65.8	43.3	56.2	61.8	74.8	37.1	22.1	39	9	1.9												
ARMOR 47E03	4.7	Enlist/E3	57.9	43.7	55.1	58.6	73.8	45.6	57.3	53.4	75.5	37.4	22.3	37	7	1.4													
STINE 48EE20	4.8	E3/Pub	57.6	37.6	58.5	65.3	79.0	43.2	48.8	54.7	73.6	37.5	22.4	38	8	1.6													
STINE 47EE02	4.7	E3/FSR	55.3	37.5	55.2	58.3	70.9	41.3	47.8	56.6	74.8	37.1	22.2	43	8	1.3													
STINE 49EE02	4.9	E3Pub	57.1	43.9	56.2	61.2	78.4	41.6	51.1	52.9	71.7	39.1	21.4	38	7	1.3													
Innotech 4737E3	4.7	XtendFlex	57.1	67.5	41.1	54.6	68.2	65.8	50.1	50.8	55.5	70.9	36.1	22.9	44	8	1.1												
STEWART 4730XF	4.7	Enlist E3	55.3	43.7	56.9	61.9	63.9	35.5	49.8	51.4	79.5	37.8	22.0	37	7	1.9													
DYNA-GRO SA48EN73	4.8	E3/STS	57.6	67.7	37.6	58.5	65.3	43.2	48.8	54.7	73.6	37.5	22.4	38	8	1.6													
ASGROW AG47XF3	4.7	XF/ST	55.3	40.4	60.4	61.1	64.8	72.7	45.7	48.5	55.6	71.6	38.3	22.5	39	7	1.3												
PALOMA PL2E472	4.7	E3Pub	57.1	43.9	56.2	61.2	78.4	41.6	47.0	44.6	67.5	35.8	23.8	34	4	1.2													
UNIVERSITY OF MISSOURI S17-2193C	4.7	Conv	53.1	64.9	40.4	53.3	54.1	66.0	38.9	51.3	49.1	71.5	36.3	22.7	45	9	1.5												
DYNA-GRO SA46ES91	4.6	Enlist E3/STS	52.3	64.7	47.7	53.2	57.3	63.2	39.9	47.2	46.4	63.5	39.3	21.9	43	7	1.2												
UNIVERSITY OF MISSOURI S17-2066C	4.9	Conv	50.1	41.0	53.7	50.7	61.8	42.1	38.8	45.6	67.2	36.6	21.5	39	9	2.3													
UNIVERSITY OF MISSOURI S16-1316C	4.7	Conv	49.3	40.7	51.0	51.7	59.5	37.8	46.8	52.9	54.3	38.3	21.7	49	10	1.5													
PENNYVILLE (long-term check-1987)	4.7	CONV-PUB	37.3	45.3	27.3	38.8	48.4	26.7	37.0	36.9	54.9	39.3	23.0	44	5	1.4													
Average	58.1	66.8	45.6	60.4	62.7	72.0	44.2	52.5	54.3	72.9	37.4	22.4	40	8	1.4														
CV (%)	8.5	7.6	9.5	8.3	9.7	8.1	11.5	6.6	11.0	10.1	8.8																		
LSD (0.10)																													
*Summary of eight trials - Calloway, Trigg, Hancock, Grayson, Pulaski, McCracken, Fayette and Allen Counties.																													
Planting date: Calloway - 5/10/22; Trigg - 5/10/22; Fayette - 5/10/22; Hancock - 5/10/22; Grayson - 4/28/22; Pulaski - 5/6/22; McCracken - 5/10/22; Allen - 5/10/22.																													
Harvest Date: Calloway - 10/11/22; Trigg - 10/6/22; Fayette - 10/13/22; Hancock - 10/19/22; Grayson - 10/10/22; Pulaski - 10/5/22; McCracken - 10/10/22; Allen - 10/18/22.																													

2022 Kentucky Soybean Variety Trial - Maturity Group V (5.0 - 5.9).

Variety	MG	Herbicide Technologies	State Average*			2021-22			Calloway			Trigg			Fayette			Hancock			McCacken			Grayson			Pulaski			Allen		
			2022	Average*	2021-22	Yield (bu/a)	59.8	51.5	62.4	62.8	67.2	53.0	44.7	58.4	78.6	38.2	22.2	45	10	2.2	Lodging*											
Revere 5029XF	5.0	XtendFlex	57.1	48.0	50.4	68.8	61.5	81.3	52.2	63.0	53.2	73.0	38.2	22.8	39	10	1.3															
UNIVERSITY OF MISSOURI S17-2509C	5.0	Conv	56.3	45.3	56.2	61.3	78.8	34.5	45.8	57.3	71.3	38.1	21.5	38	11	1.8																
STINE 50EE1/2	5.0	Conv	55.9	45.3	65.5	58.1	72.9	42.8	42.4	52.9	66.9	39.2	22.1	39	10	1.9																
UNIVERSITY OF MISSOURI S18-6097C	5.0	E3	55.4	38.1	53.4	63.9	67.4	37.8	47.0	59.2	76.0	37.7	22.4	46	15	1.4																
PALOMA PL2E502	5.0	Conv	54.0	45.4	52.3	53.3	66.8	44.7	48.1	50.4	71.1	39.0	21.6	38	11	1.8																
UNIVERSITY OF MISSOURI S18-6328C	5.2	Conv	52.2	61.8	44.1	50.5	67.7	39.2	47.2	47.0	67.8	38.6	21.7	38	12	3.6																
UNIVERSITY OF MISSOURI S16-9478C	5.2	Conv	51.0	61.7	46.7	53.9	51.7	58.3	41.9	35.1	48.2	72.5	38.7	20.6	43	1.4																
UNIVERSITY OF MISSOURI S17-2066C	5.3	Conv	50.0	40.7	47.3	38.8	48.4	26.7	37.0	36.9	54.9	39.3	23.0	44	5	1.4																
UNIVERSITY OF MISSOURI S16-15170C	5.0	Conv	46.0	51.3	39.6	46.0	52.6	61.0	30.6	23.4	50.8	63.9	40.8	21.9	32	7	1.1															
ESSEX (long term check-released 1974)	5.0	CONV-PUB	54.2	58.2	44.9	55.0	57.6	68.2	41.0	42.2	53.4	71.1	38.9	21.8	39	11	2.2															
Average	54.2	58.2	44.9	55.0	57.6	68.2	41.0	42.2	53.4	71.1	38.9	21.8	39	11	2.2																	
CV (%)	8.1	7.3	7.6	7.9	5.9	7.4	12.2	45	10	2.2	45	10	2.2																			
LSD (0.10																																

KENTUCKY EXTENSION SOYBEAN PRODUCTION CONTEST
DAVIESS COUNTY ENTRIES

DIVISION I - Single Crop
MCKAY FARMS

Planted:	4/23/2022	Harvested:	10/2/2022
Brand:	AgriGold AG3957E3	Moisture:	12.4
Herbicide:	Zidua, Roundup, Enlist	Acreage:	3.1060
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	120,000
Fertility:	58# P ₂ O ₅ , 75# K ₂ O	Yield/Acre:	112.06

KEN-MAUR FAMRS

Planted:	5/3/2022	Harvested:	9/28/2022
Brand:	AgriGold AG3520RX	Moisture:	13.5
Herbicide:	Anthem Max, Roundup, Detamade, Zidua, Ringside	Acreage:	3.2830
Insecticide:	Lambda T-2	Tillage:	Conventional
Fungicide:	Priaxor, Tilt	Planting Population:	110,000
Fertility:	None	Yield/Acre:	104.68

OBRYAN GRAIN FARMS

Planted:	5/10/2022	Harvested:	10/10/2022
Brand:	Pioneer P32T26E	Moisture:	11.7
Herbicide:	Prefix, Enlist, Glyphosate	Acreage:	3.4730
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Quadris Top SBX	Planting Population:	115,000
Fertility:	Swine manure	Yield/Acre:	100.14

OBRYAN GRAIN FARMS

Planted:	5/10/2022	Harvested:	10/10/2022
Brand:	Pioneer P32T26E	Moisture:	12.1
Herbicide:	Prefix, Enlist, Glyphosate	Acreage:	3.2640
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Quadris Top SBX	Planting Population:	115,000
Fertility:	Swine manure	Yield/Acre:	96.06

FLATLICK GRAIN FARMS LLC

Planted:	4/30/2022	Harvested:	9/28/2022
Brand:	AgriGold G3724XF	Moisture:	12.4
Herbicide:	32 oz. Offense XL, 3.5 oz. Zidua SC, 16 oz. Catalyst, 32 oz. Liberty, 56 oz. Sequence	Acreage:	3.69
Insecticide:	4 oz. Hero	Tillage:	Conventional
Fungicide:	14 oz. Miravis Top	Planting Population:	140,000
Fertility:	16 oz. Anova, 16 oz. V-Agri, 16 oz. Bor-A-Fil, 2.6 oz. Breach, 5 qts. NOVUSK, 4 oz. Immenseyield	Yield/Acre:	93.09
		Check 2:	88.41

KEN-MAUR FARMS

Planted:	5/3/2022	Harvested:	9/26/2022
Brand:	AgriGold AG3520XF	Moisture:	17.8
Herbicide:	Anthem Max, Roundup, Detamade, Zidua, Ringside	Acreage:	3.1440
Insecticide:	Lambda T-2	Tillage:	Conventional
Fungicide:	Priaxor, Tilt	Planting Population:	110,000
Fertility:	None	Yield/Acre:	91.66

COLE HAMILTON FARMS

Planted:	5/4/2022	Harvested:	9/29/2022
Brand:	NK NKS35-E3	Moisture:	12.1
Herbicide:	2,4-D, Sequence	Acreage:	3.1390
Insecticide:	Endigo	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	135,000
Fertility:	250# K ₂ O	Yield/Acre:	90.12

GOETZ BROTHERS FARMS

Planted:	4/29/2022	Harvested:	9/28/2022
Brand:	Asgrow AG35XF1	Moisture:	10.7
Herbicide:	Prefix, Roundup, Dicamba	Acreage:	3.3380
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	140,000
Fertility:	3.5 gal. 3-18-18	Yield/Acre:	89.48

GENE GLENN & SONS FARMS

Planted:	4/28/2022	Harvested:	10/7/2022
Brand:	Pioneer P42A84E	Moisture:	11.0
Herbicide:	Anthem, Roundup, 2,4-D, Enlist	Acreage:	3.0840
Insecticide:	Sultrus	Tillage:	Conventional
Fungicide:	Miravis Top, Tebustir	Planting Population:	120,000
Fertility:	140# K ₂ O	Yield/Acre:	89.23

DON & BRIAN - CECIL FARMS

Planted:	4/1/2022	Harvested:	9/20/2022
Brand:	NK NKS31J9XF	Moisture:	15.3
Herbicide:	Gramoxone, Zidua Pro, Outlook, Roundup	Acreage:	3.6880
Insecticide:	Beseige, 10# Deadline	Tillage:	No-Till
Fungicide:	Miravis Top	Planting Population:	130,000
Fertility:	60# K ₂ O, 2 ton chicken litter	Yield/Acre:	88.08

GOETZ BROTHERS FARM

Planted:	4/30/2022	Harvested:	9/29/2022
Brand:	AgiGold G3724XF	Moisture:	10.9
Herbicide:	Prefix, Roundup, 2,4-D, Tavium	Acreage:	3.3360
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	140,000
Fertility:	3.5 gal. 3-18-18	Yield/Acre:	88.01

FLATLICK GRAIN FARMS LLC

Planted:	4/24/2022	Harvested:	10/7/2022
Brand:	AgriGold G4094XF	Moisture:	11.6
Herbicide:	Sequence, Liberty, Omnitix, Assure, Offense XL, 2.5 oz. Breach	Acreage:	4.254
Insecticide:	4 oz. Hero	Tillage:	Conventional
Fungicide:	14 oz. Miravis Top	Planting Population:	140,000
Fertility:	120# K ₂ O, MES-10, 5 qts. NOVUSK, 16 oz. V-Agril, Anova, 16 oz. Bor-A-Fil	Yield/Acre:	87.74

GOETZ BROTHERS FARM

Planted:	4/30/2022	Harvested:	9/29/2022
Brand:	Asgrow AG38XF1	Moisture:	10.9
Herbicide:	Prefix, Roundup, 2,4-D, Tavium	Acreage:	3.1670
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	140,000
Fertility:	3.5 gal. 3-18-18	Yield/Acre:	87.64

PPJ THOMPSON FARMS

Planted:	5/12/2022	Harvested:	10/7/2022
Brand:	Pioneer P37T33	Moisture:	11.9
Herbicide:	24 oz. Roundup, 2.5 oz. Anthem Max, 12 oz. 2,4-D, 10 oz. Firezone	Acreage:	3.9540
Insecticide:	Tombstone	Tillage:	No-Till
Fungicide:	Quilt	Planting Population:	140,000
Fertility:	250# K ₂ O	Yield/Acre:	87.08

DARRELL HAGAN

Planted:	3/27/2022	Harvested:	9/20/2022
Brand:	Asgrow AG35XF1	Moisture:	12.2
Herbicide:	24 oz. Roundup Powermax, 13 oz. Engenia, 1 pt. Charger Max, 9.6 oz. Class Act Ridion	Acreage:	3.1980
Insecticide:	3.2 oz. Tundra	Tillage:	Conventional
Fungicide:	Revytek	Planting Population:	95,000
Fertility:	3 tons broiler litter, 1 pt. K-leaf	Yield/Acre:	86.57

DARRELL HAGAN

Planted:	5/2/2022	Harvested:	10/10/2022
Brand:	AgriGold G4094XF	Moisture:	12.2
Herbicide:	24 oz. Roundup Powermax, 13 oz. Engenia, 1 pt. Charger Max, 9.6 oz. Class Act Ridion	Acreage:	3.2490
Insecticide:	3.2 oz. Tundra	Tillage:	Conventional
Fungicide:	4 oz. Delaro	Planting Population:	105,000
Fertility:	120# K ₂ O, 1 pt. K-leaf	Yield/Acre:	85.21

GOETZ BROTHERS FARMS

Planted:	4/30/2022	Harvested:	9/23/2022
Brand:	Agrigold 3490XF	Moisture:	11.4
Herbicide:	Prefix, Roundup, Dicamba	Acreage:	3.7831
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	140,000
Fertility:	3.5 gal. 3-18-18	Yield/Acre:	85.16

PPJ THOMPSON FARMS

Planted:	4/29/2022	Harvested:	9/22/2022
Brand:	Pioneer P32Y21	Moisture:	12.4
Herbicide:	24 oz. Roundup, 2.5 oz. Anthem Max, 12 oz. 2,4-D, 10 oz. Firezone	Acreage:	3.1570
Insecticide:	Tombstone	Tillage:	No-Till
Fungicide:	Quilt	Planting Population:	140,000
Fertility:	250# K ₂ O	Yield/Acre:	83.35

JASON HAGAN

Planted:	5/1/2022	Harvested:	9/29/2022
Brand:	Croplan 3650	Moisture:	12.8
Herbicide:	24 oz. Roundup PowerMax, 12.8 oz. Eugenia, 3 oz. Curio, 2 oz. Interlock	Acreage:	4.2400
Insecticide:	3.2 oz. Tundra	Tillage:	Conventional
Fungicide:	None	Planting Population:	140,000
Fertility:	1 pt. K-leaf	Yield/Acre:	81.47

DARRELL HAGAN

Planted:	5/20/2022	Harvested:	10/24/2022
Brand:	Asgrow AG35XF1	Moisture:	8.9
Herbicide:	24 oz. Roundup Powermax, 13 oz. Engenia, 1 pt. Charger Max, 9.6 oz. Class Act Ridion	Acreage:	3.9110
Insecticide:	3.2 oz. Tundra	Tillage:	Conventional
Fungicide:	Revytek, 4 oz. Delaro	Planting Population:	140,000
Fertility:	3 tons broiler litter, 1 pt. K-leaf	Yield/Acre:	81.32

PPJ THOMPSON FARMS

Planted:	4/29/2022	Harvested:	9/22/2022
Brand:	Nutech 35N03E	Moisture:	13.5
Herbicide:	24 oz. Roundup, 2.5 oz. Anthem Max, 12 oz. 2,4-D, 10 oz. Firezone	Acreage:	3.1320
Insecticide:	Tombstone	Tillage:	No-Till
Fungicide:	Quilt	Planting Population:	140,000
Fertility:	250# K ₂ O	Yield/Acre:	78.73

BEANLAND FARMS

Planted:	5/13/2022	Harvested:	10/7/2022
Brand:	NK NK539-E3	Moisture:	10.8
Herbicide:	Clense, 2,4-D LV6, Metribuzin, 1 pt. Paraquat, Roundup Enlist Catalyst, Zidua SC, Offense XL	Acreage:	3.4900
Insecticide:	Hero	Tillage:	Conventional
Fungicide:	Miravis Top	Planting Population:	140,000
Fertility:	1 gal. K-Rev	Yield/Acre:	77.94

DIVISION II - Double Crop

GOETZ BROTHERS FARMS

Planted:	6/21/2022	Harvested:	10/18/2022
Brand:	Asgrow AG40XF1	Moisture:	10.3
Herbicide:	24 oz. Roundup, 32 oz. Prefix	Acreage:	3.9860
Insecticide:	None	Tillage:	No-Till
Fungicide:	Miravis Top	Planting Population:	160,000
Fertility:	None	Yield/Acre:	73.72

KEN-MAUR FARMS

Planted:	6/20/2022	Harvested:	10/29/2022
Brand:	AgriGold 4615XF	Moisture:	10.4
Herbicide:	Antham Max, Roundup, Detamade, Zidua, Ringside	Acreage:	3.2440
Insecticide:	Lambda T-2	Tillage:	No-Till
Fungicide:	Priaxor, Tilt	Planting Population:	160,000
Fertility:	None	Yield/Acre:	71.64

BRIAN THOMPSON

Planted:	6/21/2022	Harvested:	11/4/2022
Brand:	Pioneer P42T31E	Moisture:	11.5
Herbicide:	24 oz. Roundup, 2.5 oz. Anthem Max, 12 oz. 2,4-D,	Acreage:	6.8760
Insecticide:	Tombstone	Tillage:	No-Till
Fungicide:	Quilt	Planting Population:	140,000
Fertility:	250# K ₂ O, 1 ton Turkey litter	Yield/Acre:	51.58

KENTUCKY EXTENSION WHEAT PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I

GLENN THOMPSON

Planted:	10/20/2022	Harvested:	6/19/2022
Brand:	Pioneer P25R59	Moisture:	11.0
Herbicide:	.8oz. Harmony, 1.0 ox. Tarzac	Acreage:	3.2480
Insecticide:	2 0z. Lambda, Miravis Ace	Tillage:	Conventional
Fungicide:		Yield/Acre:	105.70
Fertility:	45# N, 69# P ₂ O ₅ , 90# K ₂ O, 35 gals. 28-0-0-5		

DIVISION II

JEFF COKE

Planted:	10/10/2022	Harvested:	6/22/2022
Brand:	Pioneer 25R28	Moisture:	10.9
Herbicide:		Acreage:	3.1580
Insecticide:	1.3 oz Warrior 2	Tillage:	No-Till
Fungicide:	14 oz. Quilt, 13.7 oz. Miravis Ace	Yield/Acre:	118.08
Fertility:	161# N, 92# P ₂ O ₅ , 120# K ₂ O, 10# S	2nd Check:	116.58



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