



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

Daviess County 2020

Research and Demonstration Plots

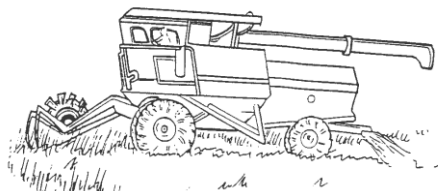


**Cooperative Extension Service
Daviess County
4800A New Hartford Road
Owensboro, Kentucky 42303
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Daviess County Research and Demonstration Plots For the 2020 Growing Season

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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 Anna Winchell, Adult Vocational Agriculture Instructor, Jamie Glenn, Justin Arnold and Philip Anderson of Stanley Crop Service, Rocky Ebelhar of Nutrien, Cole Hamilton of Syngenta Seeds, and Jeff King with Pioneer for their help in weighing plots and for their collection of data for this report.

Thanks to Hugh Bittel and Big Independent Warehouse for the use of space for drop-off and storage of the plot seed.

CORN

Gerald & Joel Boswell Farms
Bill Brey Farms
Don & Brian Cecil Farms
Flatlick Grain Farms LLC
Goetz Brothers Farms
Kevin and Clint Hardy
Jeff Rice
PPJ Thompson Farms
Strode Farms

SOYBEANS

Gerald & Joel Boswell Farms
Don & Brian Cecil Farms
Paul Hancock
Brian Neltner/Settles 3 Chicks
PPJ Thompson Farms
Darrell Hagan

A grateful thanks go 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.

2020 KING CORN

GROWER	BRAND / HYBRID	ACREAGE	YLD/AC
Sparks Farms	DeKalb DKC70-27PRIB	1.3809	309.32

KING CORN HISTORY

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
2014	Castlen Brothers Farms	Pioneer P2089AM	1.7672	303.26
2013	Castlen Brothers Farms	Pioneer P1602YHR	1.4701	296.01
2012	Castlen Brothers Farms	Pioneer P1319HR	1.4679	264.65

2020 BOSS BEAN

GROWER	VARIETY	ACREAGE	YLD/AC
Ken-Maur Farms	AgriGold 3722RX	3.4638	106.51

BOSS BEAN HISTORY

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
2013	PPJ Thompson Farms	Pioneer P35T58R	4.300	88.04
2012	Sylvester, Brian, Jerry Fischer	Dyna-Gro 37P37	3.895	91.82

2020 ELITE WHEAT

GROWER	VARIETY	ACREAGE	YLD/AC
PPJ Thompson Farms	Agrimax 438	3.8400	97.18

ELITE WHEAT HISTORY

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
2013	Jeff Coke	Pioneer 26R10	3.0800	121.80
2012	Flatlick Farms	Beck's 135	3.5800	109.59

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.

COUNTRYWIDE ROUNDUP READY CORN PLOT PLAN:

<u>Brand/Hybrid</u>	<u>Days to Maturity</u>
Check: <i>AgriGold A6544VT2RIB</i>	113
Croplan CP4997VT2P/RIB	109
NK NK1082-5222A.0-E21	110
Pioneer P1077YHR	110
AgriGold A641-06 VT2RIB	111
Beck's 6374V2P	113
AgriGold A644-32TRCRIB	114
Nutech 74B6AM	114
Pioneer P1464VYHR	114
Stewart 14DD339	114
Beck's 6557V2P	115
DeKalb DKC65-95RIB	115
Dyna-Gro D55VC80RIB	115
LG Seeds LG5650VT2RIB	115
Stewart 150P519	115
Croplan CP5678VT2P/RIB	116
NK NK 1677-3110.0	116
DeKalb DKC67-44VT2P	117
Dyna-Gro D58VC65RIB	118

EARLY MATURITY SOYBEANS**2.6 - 3.2 Varieties****Maturity**

NK S2.7-M8X	2.7
Stewart 2840R2X	2.7
Beck's 2899X2	2.8
Dyna-Gro S28XT58	2.8
Channel 2918R2X	2.9
Asgrow AG29X9	2.9
AgriGold G2900RX	2.9
Stewart 2949R2X	2.9
NK S30-M9X	3.0
Beck's 3117X2	3.1
Pioneer P31A22X	3.1
AgriGold G3150RX	3.1
Channel 3220R2X	3.2

MID MATURITY SOYBEANS**3.3 - 3.9 Varieties****Maturity**

NK S33-D7X	3.3
Beck's 3447X2	3.4
Pioneer P36A83X	3.6
Asgrow AG36X6	3.6
Stewart 3628R2X	3.6
AgriGold G3620RX	3.6
NK S37-A4X	3.7
Dyna-Gro S37XS89	3.7
Beck's 3789X2	3.7
Channel 3718R2X	3.7
AgriGold G3722RX	3.7
Channel 3821R2X/SR	3.8
Stewart 3527R2X	3.9
Pioneer P39A58X	3.9
Asgrow AG39X0	3.9

LATE MATURITY SOYBEANS**4.0 – 4.8 Varieties****Maturity**

Beck's 4119X2	4.2
Stewart 4228R2X	4.2
Pioneer P42A96X	4.2
Channel 4218R2X/SR	4.2
Asgrow AG42X9	4.2
AgriGold G4318RX	4.3
NK S44-C7X	4.4
Dyna-Gro S44XW68	4.4
Nutech 7450X	4.5
Channel 4519R2X/SR	4.5
Asgrow AG46X0	4.6
NK S47-Y9X	4.7
Pioneer P46A86X	4.8
Dyna-Gro S48XT90	4.8
AgriGold G4995RX	4.9
Beck's 4991X2	4.9

ENLIST SOYBEANS**Varieties****Maturity**

Nutech 35N02E	3.5
Beck's 3510-E3	3.5
Dyna-Gro S37EN39	3.7
NK S37-2E3S	3.7
Partners Brand PB3820E3	3.8
Beck's 3910-E3	3.9
NK S39-E3	3.9
Dyna-Gro S39EN19	3.9
Nutech 39N04E	3.9
Nutech 41N03E	4.1
Partners Brand PB4220E31	4.2
Beck's 4310-E3	4.3
Partners Brand PB4420E3	4.4
Dyna-Gro S45ES10	4.5

2020 Crop Year in Review

Clint Hardy

Extension Agent for Agriculture and Natural Resources Education – Daviess County

2020 Daviess County Crop Year in Review

What a year this has been! I typically begin this narrative thinking of local events and occurrences; this year all I need to write is 2020. Who knows what next year will bring, but there is more than will fit in these pages to say about this one. Sticking with the topic of agriculture, COVID-19 had a major effect on all categories of our industry, while local weather was quite the wild card in terms of temperature and precipitation.

The winter of 2019/2020 was warm, dry, and stressful. 2019 ended with yields below expectations, prices below profitability, and a burley tobacco market that left many growers paid amounts far below their break-even profit margin. The fall curing season was extremely dry and poor for tobacco; the drought continued through winter. Very little rain or snow and mild to warm temperatures in December and January had many reflecting on the similar 2011/2012 winter that led to a severe drought in 2012. Poor prices continued through the winter, and many were not excited to begin a year expecting low prices and dry subsoil. We began to hear about a mysterious illness affecting Wuhan, a Chinese city, and couldn't have imagined at that time what it would mean to us.

February arrived, and, as always, longer days lifted moral. Above normal temperatures continued and soils dried. People came out of their shops and offices to begin the year. Most of the month was very nice weather, and people were out and about with activities such as finishing grain deliveries, spraying, and tillage. Most farms chose to continue with tobacco another year despite the increased labor cost, poor profit in burley, and near 50% reduction in dark-air cure allotment. COVID-19 was making headlines from international spread, and the first cases in the U.S. were diagnosed late in the month.

By March, spring had arrived. With extended periods of warm sunshine and dry fields, anhydrous ammonia, herbicide, and fertilizer application were underway across the county, as was preparing fields to plant. Awareness of COVID-19 was widespread by this time; churches, businesses, and schools closed to reduce the spread. If there were any who were still optimistic about farm profit in 2020, the state shutdown and national slowdown most certainly erased their optimism as the economy ground to a halt. There was a time this spring when the price of oil was negative. Put that on an ethanol plant cash flow budget and see what their demand for corn does. Concern was so great there was substantial federal subsidy paid for employee payroll and price support for livestock and remaining 2019 grain inventory.

Despite the economic shutdown, there was no time for farms to pause. The weather was absolutely gorgeous going into April. Daytime temperatures climbed into the eighties during the first two weeks, further drying soil and bringing the planters out. People took advantage of the weather, planting tens of thousands of acres of corn and soybeans in the first half of the month, with reports of corn emergence after only seven days. Then the fear came true; April changed from June temperatures to March with hard freeze events



occurring on the 20th and 21st. All knew the result could be bad, but most emerged corn and soybean fields overcame the injury to continue growth when warmer weather returned.

Emergence was drastically slowed for recently planted fields as soil temperatures dropped, keeping growth below ground for as long as four weeks during a rainy, cool May. It seemed as if the end of March and first half of April had been a cruel joke as weather in May maintained conditions more typical for March, including another hard freeze on the 10th. For most, planting was stopped for two to three weeks. Corn that was up and growing needed herbicide, but the risk of injury from application to stressed corn was a cost to consider. Weather in the latter half of May did straighten up, allowing a massive amount of work to occur in a short period of time.

For most, corn, soybean, and tobacco planting finished by the first days of June, while hay baling and pasture management was the next task. Crop spraying and fertilizer application were ongoing. Soil moisture from May had dried out, with larger corn exhibiting signs of leaf rolling later in the month. The grain markets continued to decline with bearish crop planting reports, news about a COVID-19-wrecked economy, and continued tariffs on grain exports. Then June delivered the toughest national agriculture news to date: due to slowdown in food processing and transportation, perishable items were being abandoned. Milk was draining to lagoons, confinement animal feeding operations were running out of space for market-ready animals held on farms, and harvest-ready produce was left in the field. It was mind-boggling to discover how susceptible our food distribution system is to sudden dysfunction. The dry spell came to an end on Sunday, June 28, when up to seven inches of rain was reported across most of the county, closing roads, flash-flooding Owensboro, and inundating low-lying fields.

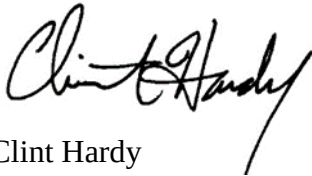
By July, the expectation of dismal prices was confirmed. Breakeven price contracts for fall and January initiated with most hoping to salvage a breakeven year at best. Hundreds of acres of tobacco and thousands of corn and soybean acres were severely affected by the rain. The moisture was well-timed for the early April cornfields that were starting to tassel and silk. Fields dried after the flooding and crop loss, and most were planted to soybeans late in the month. COVID-19 still had headlines in July, while frequent and substantial rain continued throughout the month. The corn crop appeared to have promising yield potential, leading to aerial fungicide application on tens of thousands of acres.

August arrived with below normal temperatures. Tobacco care, soybean fungicide, and continued rain were activities for the month. COVID-19 kept the headlines, but news of a derecho in Iowa, combined with a drought, began to get attention. The markets were climbing due to Iowa losses combined with increased Chinese purchasing. The corn and soybean crops were finishing in cooler temperatures, and plenty of soil moisture returned an air of enthusiasm to farms across the area. In addition to crop potential, receipts from the August CPH45 cattle sale indicated profitable margins had returned to beef cattle.

Green corn and slow grain drying were encouraging signs of a promising corn harvest in the first weeks of September. Everyone was anticipating good yields in early-planted crop, despite surviving two frosts, two dry weeks in June, and excessive water in July. Harvest began the third week for most as grain moisture held on. Those who chose to wait would not soon find dry corn. Several thousand acres of early-planted beans were harvested in the month as corn slowly dried.

October was beautiful the first two weeks, on the heels of a warm, dry September. Rain during the third week was the first measurable precipitation since late August. Combines were only stopped for a day before harvest restarted with additional scattered rain interrupting activity for some. More wheat was planted in 2020 than has been the trend. Excellent soybean yields and strong wheat futures pushed several farms to wheat in an effort to add to net farm income in 2021. Clear skies and unseasonably warm air continued through the first half of November, providing a pleasant window for most to finish harvest and clean machinery for winter storage. In addition, a second round of federal COVID-19 stimulus came to the aid of farms.

In all, few in local agriculture can complain about 2020. Despite livestock revenues tumbling during the processing slowdown, prices and demand rebound in the third and fourth quarters. Despite a lot of grain marketed at levels lower than harvest prices, yields exceeded expectations, providing bushels exceeding the contracts to receive harvest price. This volume, combined with the COVID-19 stimulus, is leaving many in a strong financial position—a very comforting end to 2020 following the dismal 2019 and economically stalled 2020. Looking ahead to 2021, a COVID-19 vaccine will come, China will buy, and domestic travel will return. As people return to a more typical consumer trend lifestyle, worldwide demand for food, fuel, and fiber will increase, keeping agriculture in a profitable pattern.

A handwritten signature in black ink, reading "Clint Hardy". The signature is fluid and cursive, with the first name "Clint" and last name "Hardy" clearly distinguishable.

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

2020 DAVIESS COUNTY COUNTYWIDE ROUNDUP CORN COMPOSITE
19 BRANDS / HYBRIDS • 10 COMPANIES

BRAND / HYBRID	GOETZ FARMS	CECIL FARMS	BREY FARMS	KEVIN & CLINT HARDY	BOSWELL FARMS	FLATLICK GRAIN FARMS LLC	PPJ THOMPSON FARMS	RANK	2020 HYBRID AVERAGE	2019 HYBRID AVERAGE	2018 HYBRID AVERAGE
1. Croplan CP4997VT2P/RIB	256.7	233.8	209.6	238.3	206.1	246.6	215.7	19	229.5		
2. Pioneer P1077YHR	264.1	244.2	242.8	244.3	225.8	255.5	238.1	15	245.0		
3. NK NK1082-5222A.0-E21	250.4	234.0	208.3	242.1	227.0	245.9	215.2	18	231.8		
4. AgriGold A641-06 VT2RIB	276.7	237.2	183.7	254.8	228.3	246.7	211.3	17	234.1		
5. Beck's 6374V2P	282.1	275.8	242.3	255.4	243.0	273.3	230.9	3	257.5		
6. Pioneer P1464VYHR	284.2	302.6	261.5	245.9	209.4	249.4	184.5	12	248.2		
7. AgriGold A6544VT2RIB	269.3	250.0	237.0	269.4	210.7	233.5	239.4	16	244.2	249.9	244.9
8. Stewart 14DD339	285.5	280.3	239.2	256.5	255.4	264.2	255.1	1	262.3	245.1	
9. AgriGold A644-32TRCIB	271.0	261.3	227.0	273.6	244.0	248.6	239.5	10	252.1	220.8	
10. Nutech 74B6AM	284.5	271.8	254.5	259.2	238.9	258.4	232.9	4	257.2		
11. Dyna-Gro D55VC80RIB	288.9	277.0	220.4	275.8	240.8	247.2	222.8	9	253.3		
12. LG Seeds LG5650VT2RIB	275.6	248.5	214.9	260.6	239.2	259.1	238.0	13	248.0		
13. Stewart 150P519	280.5	266.4	223.0	268.3	255.5	262.6	231.2	5	255.3		
14. Beck's 6557V2P	272.9	265.6	232.3	256.3	224.8	265.3	211.3	14	246.9		
15. DeKalb DKC65-95RIB	284.2	250.2	225.5	254.2	226.3	263.3	244.1	11	249.7		
16. NK NK 1677-3110.0	284.3	295.5	259.9	253.7	212.7	259.2	209.9	8	253.6		
17. Croplan CP5678VT2P/RIB	285.6	250.2	257.0	258.9	237.0	272.9	220.4	7	254.6	237.4	
18. DeKalb DKC67-44VT2P	285.1	300.9	261.1	254.8	236.6	241.7	233.4	2	259.1	236.4	249.9
19. Dyna-Gro D58VC65RIB	272.3	302.1	245.7	259.3	235.7	263.3	204.9	6	254.8	240.1	228.8

Daviess County Cooperative Extension Service
4800A New Hartford Road, Owensboro, Kentucky 42303
 Clint Hardy, County Extension Agent for Agriculture and Natural Resources Education

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Goetz Brothers Farms
Planting Date: April 7, 2020
Harvest Date: September 9, 2020
Planting Population: 34,000
Herbicides: 32 oz. Roundup, 3 qts. Acuron
Fungicides: 13.7 oz. Trivapro
Insecticides: 2 oz. Tombstone, Capture LFR
Fertility: 220#N, 10 gals. Zn, 2 ton Chicken Litter
Primary Soil Type: Belknap Silt Loam
Row Width: 8-30" Rows
Plot Location: Burton Road
Previous Crop: Soybean
Tillage Practice: Conventional
Check: AgriGold A6544VT2RIB

	Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1.	AgriGold A6544VT2RIB	53.5	25.3	270.9		
2.	Croplan CP4997VT2P/RIB	54.0	23.8	255.0	256.7	18
3.	Pioneer P1077YHR	54.0	24.0	263.1	264.1	17
4.	NK NK1082-5222A.0-E21	52.0	23.6	250.0	250.4	19
5.	AgriGold A6544VT2RIB	53.0	25.1	273.5		
6.	AgriGold A641-06 VT2RIB	54.0	24.8	275.6	276.7	11
7.	Beck's 6374V2P	55.0	24.4	279.7	282.1	9
8.	Pioneer P1464VYHR	54.0	25.6	280.5	284.2	7
9.	AgriGold A6544VT2RIB	53.0	25.8	268.5	269.3	16
10.	Stewart 14DD339	54.5	25.5	281.2	285.5	3
11.	AgriGold A644-32TRCRIB	53.5	25.2	267.7	271.0	15
12.	Nutech 74B6AM	53.0	25.3	281.8	284.5	5
13.	AgriGold A6544VT2RIB	54.0	25.9	271.4		
14.	Dyna-Gro D55VC80RIB	55.0	26.3	289.2	288.9	1
15.	LG Seeds LG5650VT2RIB	56.0	23.8	278.1	275.6	12
16.	Stewart 150P519	55.0	25.8	285.4	280.5	10
17.	AgriGold A6544VT2RIB	53.5	25.9	280.3		
18.	Beck's 6557V2P	54.0	25.3	276.0	272.9	13
19.	DeKalb DKC65-95RIB	55.0	24.0	283.3	284.2	7
20.	NK NK1677-3110.0	54.0	26.6	279.3	284.3	6
21.	AgriGold A6544VT2RIB	53.0	25.4	264.6		
22.	Croplan CP5678VT2P/RIB	55.0	24.6	281.6	285.6	2
23.	DeKalb DKC67-44VT2P	55.0	24.6	286.1	285.1	4
24.	Dyna-Gro D58VC65RIB	54.0	24.1	278.1	272.3	14
25.	AgriGold A6544VT2RIB	53.5	24.7	283.9		
26.	AgriGold A648-54STX	55.0	26.2	273.5		
	Plot Average	54.0	25.0	275.4		
	Check Average	53.4	25.4	273.3		

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Don & Brian Cecil
Planting Date: April 15, 2020
Harvest Date: September 9, 2020
Planting Population: 33,500
Herbicides: 2.5 qts. Acuron, 24 oz. Roundup Power MaxII, 1 qt. AAtrex 4L
Fungicides: 13.7 oz. Trivapro
Insecticides: None
Fertility: 2 tons Chicken Litter, 150 lbs. Ammonium Sulfate
Primary Soil Type: Collins Silt Loam
Row Width: 4-30" rows
Plot Location: Short Station Road
Previous Crop: Soybean
Tillage Practice: No-Till
Check: AgriGold A6544VT2RIB

	Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1.	AgriGold A6544VT2RIB	55.0	27.7	272.2		
2.	Croplan CP4997VT2P/RIB	54.0	25.8	232.6	233.8	19
3.	Pioneer P1077YHR	53.0	25.6	254.5	244.2	16
4.	NK NK1082-5222A.0-E21	54.0	25.5	255.1	234.0	18
5.	AgriGold A6544VT2RIB	55.0	26.9	326.7		
6.	AgriGold A641-06 VT2RIB	55.0	28.2	258.4	237.2	17
7.	Beck's 6374V2P	57.0	27.4	287.2	275.8	7
8.	Pioneer P1464VYHR	56.0	27.4	300.6	302.6	1
9.	AgriGold A6544VT2RIB	56.0	28.2	271.7	250.0	14
10.	Stewart 14DD339	55.0	28.2	271.5	280.3	5
11.	AgriGold A644-32TRCRIB	58.0	27.0	259.0	261.3	11
12.	Nutech 74B6AM	56.0	27.0	275.5	271.8	8
13.	AgriGold A6544VT2RIB	57.0	27.4	297.7		
14.	Dyna-Gro D55VC80RIB	56.0	27.7	286.9	277.0	6
15.	LG Seeds LG5650VT2RIB	57.0	27.0	257.1	248.5	15
16.	Stewart 150P519	57.0	27.0	275.4	266.4	9
17.	AgriGold A6544VT2RIB	56.0	27.4	296.8		
18.	Beck's 6557V2P	55.0	27.6	272.3	265.6	10
19.	DeKalb DKC65-95RIB	56.0	26.3	254.4	250.2	12
20.	NK NK1677-3110.0	58.0	27.0	298.1	295.5	4
21.	AgriGold A6544VT2RIB	54.0	28.0	287.4		
22.	Croplan CP5678VT2P/RIB	54.0	27.1	243.9	250.2	12
23.	DeKalb DKC67-44VT2P	55.0	26.4	285.8	300.9	3
24.	Dyna-Gro D58VC65RIB	56.0	25.8	279.3	302.1	2
25.	AgriGold A6544VT2RIB	56.0	26.9	258.3		
	Plot Average	55.6	27.1	274.3		
	Check Average	55.6	27.5	287.3		

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Kevin & Clint Hardy
Planting Date: April 10, 2020
Harvest Date: September 22, 2020
Planting Population: 33,100
Herbicides: 1qt. Buccaneer Plus, 1 pt. Defy LV6, 1 qt. Atrazine 4F,
 3 qts. Halex GT
Fungicides: 14 oz. Trivapro
Insecticides: 2# Smartchoice HC
Fertility: 221#N, 43#P, 56#K, 10#S, 1#Zn, 1 Gal. 24-0-0
Primary Soil Type: Robbs/Henshaw Silt Loam
Row Width: 6-30" rows
Plot Location: Hwy 500
Previous Crop: Soybeans
Tillage Practice: No-Till
Check: AgriGold A6544VT2RIB

	Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1.	AgriGold A6544VT2RIB	57.0	19.5	244.7		
2.	Croplan CP4997VT2P/RIB	54.5	17.2	225.6	238.3	19
3.	Pioneer P1077YHR	56.0	18.3	231.4	244.3	17
4.	NK NK1082-5222A.0-E21	54.0	16.5	229.3	242.1	18
5.	AgriGold A6544VT2RIB	56.5	19.3	244.9		
6.	AgriGold A641-06 VT2RIB	57.0	17.5	246.1	254.8	12
7.	Beck's 6374V2P	57.0	18.1	251.2	255.4	11
8.	Pioneer P1464VYHR	56.5	19.3	246.3	245.9	16
9.	AgriGold A6544VT2RIB	56.0	18.8	263.7	269.4	3
10.	Stewart 14DD339	57.5	19.3	261.0	256.5	9
11.	AgriGold A644-32TRCRIB	57.0	19.4	277.7	273.6	2
12.	Nutech 74B6AM	56.0	19.5	262.4	259.2	7
13.	AgriGold A6544VT2RIB	57.0	19.2	261.2		
14.	Dyna-Gro D55VC80RIB	57.0	19.5	280.8	275.8	1
15.	LG Seeds LG5650VT2RIB	60.5	18.6	267.4	260.6	5
16.	Stewart 150P519	56.5	19.8	277.4	268.3	4
17.	AgriGold A6544VT2RIB	56.0	19.7	269.3		
18.	Beck's 6557V2P	57.0	19.9	267.7	256.3	10
19.	DeKalb DKC65-95RIB	61.5	19.4	266.1	254.2	14
20.	NK NK1677-3110.0	55.0	20.9	266.3	253.7	15
21.	AgriGold A6544VT2RIB	60.0	18.9	272.0		
22.	Croplan CP5678VT2P/RIB	57.5	20.0	267.9	258.9	8
23.	DeKalb DKC67-44VT2P	60.0	19.0	259.2	254.8	12
24.	Dyna-Gro D58VC65RIB	56.5	20.1	259.2	259.3	6
25.	AgriGold A6544VT2RIB	54.5	20.8	253.9		
	Plot Average	57.0	19.1	258.1		
	Check Average	56.7	19.5	258.5		

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Bill Brey
Planting Date: March 30, 2020
Harvest Date: September 21, 2020
Planting Population: 33,000
Herbicides: Roundup, 1 pt. Atrazine, 1 pt. Princep
Fungicides: None
Insecticides: Hero
Fertility: 298# N, 115# P₂O₅, 150# K₂O, 36# S
Primary Soil Type: Belknap Silt Loam
Row Width: 4-30" rows
Plot Location: Hwy 764N
Previous Crop: Soybean
Tillage Practice: Conventional
Check: AgriGold A6544VT2RIB

	Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1.	AgriGold A6544VT2RIB	58.0	19.4	216.6		
2.	Croplan CP4997VT2P/RIB	57.5	17.8	189.7	209.6	17
3.	Pioneer P1077YHR	58.0	18.0	227.1	242.8	7
4.	NK NK1082-5222A.0-E21	54.5	18.3	201.2	208.3	18
5.	AgriGold A6544VT2RIB	58.0	20.0	246.7		
6.	AgriGold A641-06 VT2RIB	58.0	18.6	182.3	183.7	19
7.	Beck's 6374V2P	61.0	18.7	239.3	242.3	8
8.	Pioneer P1464VYHR	56.0	20.7	257.3	261.5	1
9.	AgriGold A6544VT2RIB	57.5	20.9	242.5	237.0	10
10.	Stewart 14DD339	56.0	19.9	238.5	239.2	9
11.	AgriGold A644-32TRCRIB	58.0	19.2	230.4	227.0	12
12.	Nutech 74B6AM	56.0	20.2	262.8	254.5	5
13.	AgriGold A6544VT2RIB	56.5	20.7	260.1		
14.	Dyna-Gro D55VC80RIB	55.0	20.4	231.1	220.4	15
15.	LG Seeds LG5650VT2RIB	59.5	19.6	224.9	214.9	16
16.	Stewart 150P519	57.5	19.1	232.9	223.0	14
17.	AgriGold A6544VT2RIB	58.5	20.1	258.2		
18.	Beck's 6557V2P	57.0	20.5	240.5	232.3	11
19.	DeKalb DKC65-95RIB	60.0	19.1	231.6	225.5	13
20.	NK NK1677-3110.0	55.0	20.9	265.0	259.9	3
21.	AgriGold A6544VT2RIB	56.0	22.3	250.6		
22.	Croplan CP5678VT2P/RIB	56.0	21.2	262.1	257.0	4
23.	DeKalb DKC67-44VT2P	60.0	20.3	268.4	261.1	2
24.	Dyna-Gro D58VC65RIB	57.0	20.6	254.6	245.7	6
25.	AgriGold A6544VT2RIB	58.0	21.6	258.5		
	Plot Average	57.4	19.9	238.9		
	Check Average	57.5	20.7	247.6		

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Boswell Farms
Planting Date: April 9, 2020
Harvest Date: September 24, 2020
Planting Population: 34,000
Herbicides: Leadoff, 2,4-D, Glyphosate, Realm Q
Fungicides: Aproach Prima
Insecticides: Reveal EndurX
Fertility: 200# N, VRT DAP & Potash
Primary Soil Type: Montgomery Silty Clay Loam
Row Width: 8-30" rows
Plot Location: Hwy 657
Previous Crop: Soybean
Tillage Practice: No-Till
Check: AgriGold A6544VT2RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. AgriGold A6544VT2RIB	58.0	19.5	211.1		
2. Croplan CP4997VT2P/RIB	56.0	17.4	196.1	206.1	19
3. Pioneer P1077YHR	58.0	17.3	220.3	225.8	11
4. NK NK1082-5222A.0-E21	54.5	17.5	227.0	227.0	9
5. AgriGold A6544VT2RIB	57.0	18.5	233.1		
6. AgriGold A641-06 VT2RIB	57.0	16.8	228.8	228.3	8
7. Beck's 6374V2P	59.5	17.2	238.1	243.0	4
8. Pioneer P1464VYHR	57.0	18.8	200.6	209.4	18
9. AgriGold A6544VT2RIB	58.5	18.8	213.1	210.7	17
10. Stewart 14DD339	56.5	18.8	243.0	255.4	2
11. AgriGold A644-32TRCRIB	58.0	18.5	235.9	244.0	3
12. Nutech 74B6AM	55.0	19.4	234.7	238.9	7
13. AgriGold A6544VT2RIB	56.0	18.9	227.2		
14. Dyna-Gro D55VC80RIB	57.0	19.6	240.6	240.8	5
15. LG Seeds LG5650VT2RIB	61.0	18.0	239.3	239.2	6
16. Stewart 150P519	56.0	19.9	256.1	255.5	1
17. AgriGold A6544VT2RIB	57.5	18.8	228.4		
18. Beck's 6557V2P	57.0	19.2	228.4	224.8	12
19. DeKalb DKC65-95RIB	61.5	17.7	232.8	226.3	10
20. NK NK1677-3110.0	56.0	19.9	221.5	212.7	16
21. AgriGold A6544VT2RIB	57.5	18.2	239.9		
22. Croplan CP5678VT2P/RIB	58.0	18.4	237.0	224.7	13
23. DeKalb DKC67-44VT2P	61.0	18.1	236.6	224.2	14
24. Dyna-Gro D58VC65RIB	57.5	18.8	235.7	223.1	15
25. AgriGold A6544VT2RIB	58.0	18.4	240.7		
Plot Average	57.6	18.5	229.8		
Check Average	57.5	18.7	227.6		

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Flatlick Grain Farms LLC
Planting Date:	April 20, 2020
Harvest Date:	October 28, 2020
Planting Population:	33,000
Herbicides:	2.5 qts. Accuron, 22 oz. Roundup, 5 oz. Leadoff, 1 pt. 2,4-D
Fungicides:	8 oz. Veltyma
Insecticides:	3.3 oz. Sniper LFR
Fertility:	246# N, 69#K, 230#Mes10, 1 gal. Maxiumu N-Pac-K
Primary Soil Type:	Belknap Silt Loam
Row Width:	4-30" rows
Plot Location:	Lyndanne Bridge Road South
Previous Crop:	Soybeans
Tillage Practice:	No-Till
Check:	AgriGold A6544VT2RIB

	Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1.	AgriGold A6544VT2RIB	55.5	16.2	252.7		
2.	Croplan CP4997VT2P/RIB	57.5	16.3	248.8	246.6	16
3.	Pioneer P1077YHR	56.0	16.7	258.9	255.5	11
4.	NK NK1082-5222A.0-E21	57.5	16.4	250.2	245.9	17
5.	AgriGold A6544VT2RIB	56.0	16.9	256.7		
6.	AgriGold A641-06 VT2RIB	56.0	16.8	248.2	246.7	15
7.	Beck's 6374V2P	57.5	16.7	270.7	273.3	1
8.	Pioneer P1464VYHR	58.0	16.2	243.1	249.4	12
9.	AgriGold A6544VT2RIB	58.5	16.6	241.1	233.5	19
10.	Stewart 14DD339	59.5	16.8	259.1	264.2	5
11.	AgriGold A644-32TRCRIB	57.0	17.2	249.1	248.6	13
12.	Nutech 74B6AM	58.5	16.8	264.4	258.4	10
13.	AgriGold A6544VT2RIB	58.0	17.0	262.5		
14.	Dyna-Gro D55VC80RIB	58.5	16.8	253.1	247.2	14
15.	LG Seeds LG5650VT2RIB	57.0	17.3	260.1	259.1	9
16.	Stewart 150P519	59.0	16.9	258.1	262.6	7
17.	AgriGold A6544VT2RIB	60.0	17.2	242.0		
18.	Beck's 6557V2P	59.5	17.6	257.6	265.3	3
19.	DeKalb DKC65-95RIB	58.0	17.5	257.9	263.3	4
20.	NK NK1677-3110.0	59.5	17.9	256.0	259.2	8
21.	AgriGold A6544VT2RIB	59.0	17.3	250.4		
22.	Croplan CP5678VT2P/RIB	60.5	17.6	272.9	272.9	2
23.	DeKalb DKC67-44VT2P	58.0	17.7	242.5	241.7	18
24.	Dyna-Gro D58VC65RIB	60.5	17.5	265.2	263.3	4
25.	AgriGold A6544VT2RIB	60.0	17.9	254.1		
	Plot Average	58.2	17.0	255.0		
	Check Average	58.1	17.0	251.4		

2020 DAVIESS COUNTY YELLOW CORN

19 BRANDS / HYBRIDS • 10 COMPANIES

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: PPJ Thompson Farms
Planting Date: April 21, 2020
Harvest Date: November 2, 2020
Planting Population: 32,500
Herbicides: Roundup, Lexar
Fungicides: Trivapro
Insecticides: Capture LFR
Fertility: 227# N, 69# P₂O₅, 90# K₂O, 4 gals. 10-34-0
Primary Soil Type: Otwell/Melvin Silt Loam
Row Width: 6-30 rows
Plot Location: Bodo Lloyd Road - Beech Grove
Previous Crop: Soybeans
Tillage Practice: No-Till
Check: AgriGold A6544VT2RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. AgriGold A6544VT2RIB	59.0	15.2	249.9		
2. Croplan CP4997VT2P/RIB	56.0	15.4	210.5	215.7	13
3. Pioneer P1077YHR	58.0	15.3	234.7	238.1	5
4. NK NK1082-5222A.0-E21	56.0	15.7	214.3	215.2	14
5. AgriGold A6544VT2RIB	58.0	15.4	260.3		
6. AgriGold A641-06 VT2RIB	57.0	15.7	208.6	211.3	15
7. Beck's 6374V2P	58.0	15.1	223.8	230.9	10
8. Pioneer P1464VYHR	56.0	15.7	175.4	184.5	19
9. AgriGold A6544VT2RIB	57.5	15.1	241.3	239.4	4
10. Stewart 14DD339	55.0	15.1	242.8	255.1	1
11. AgriGold A644-32TRCRIB	57.5	15.2	232.6	239.5	3
12. Nutech 74B6AM	56.0	15.6	230.7	232.9	8
13. AgriGold A6544VT2RIB	58.0	15.6	261.4		
14. Dyna-Gro D55VC80RIB	57.0	15.2	223.7	222.8	11
15. LG Seeds LG5650VT2RIB	59.5	14.9	237.4	238.0	6
16. Stewart 150P519	58.0	15.4	229.2	231.2	9
17. AgriGold A6544VT2RIB	57.5	15.5	254.9		
18. Beck's 6557V2P	58.0	15.8	210.0	211.3	15
19. DeKalb DKC65-95RIB	59.0	15.2	244.7	244.1	2
20. NK NK1677-3110.0	58.0	16.1	212.3	209.9	17
21. AgriGold A6544VT2RIB	59.5	15.7	263.9		
22. Croplan CP5678VT2P/RIB	59.5	15.9	228.2	220.4	12
23. DeKalb DKC67-44VT2P	58.5	15.5	245.1	233.4	7
24. Dyna-Gro D58VC65RIB	58.5	15.8	218.4	204.9	18
25. AgriGold A6544VT2RIB	57.5	15.5	279.7		
Plot Average	57.7	15.5	233.3		
Check Average	58.1	15.4	258.8		

2020 DAVIESS COUNTY NON-GMO YELLOW CORN PLOT

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Jeff Rice
Planting Date: April 2, 2020
Harvest Date: October 17, 2020
Planting Population: 33,500
Herbicides: Steadfast Status, Roundup, 2,4-D, Atrazine
Fungicides: Trivapro
Insecticides: Pilot 15G
Fertility: 245# N, 138# P₂O₅, 180# K₂O
Primary Soil Type: Belknap Silt Loam
Row Width: 4-30 " rows
Plot Location: Nalley Road
Previous Crop: Soybean
Tillage Practice: No-Till
Check: Stewart 09CV409

					2020	2019	2018
		Test	Percent	Harvested	Adjusted	Adjusted	Adjusted
Brand / Hybrid	Weight	Moisture	Yld Bu/A	RANK	Yield	Yield	Yield
1. Stewart 09CV409	60.0	15.1	222.8				
2. Stewart 17CV387	61.0	15.2	245.1	1	235.4	231.2	
3. Pioneer P1197	58.0	15.1	233.0	4	226.7		
4. DeKalb DKC62-06	60.0	15.1	230.2	3	226.9		
5. Stewart 09CV409	59.5	15.2	211.6	7	210.3		
6. Stewart 14CV339	59.0	14.7	218.5	5	215.9		
7. Pioneer P1442	60.0	14.9	233.7	2	228.5		
8. Beck's 6589PQ	60.0	15.1	215.2	8	208.3	228.9	
9. Stewart 09CV409	58.5	15.5	220.6				
10. Out							
11. Out							
12. Beck's 6774	61.0	14.7	206.1	6	212.0		
13. Stewart 09CV409	58.0	15.4	190.3				
Plot Average		59.5	15.1	220.6			
Check Average		59.0	15.3	211.3			

2020 CORN STRIP CHECKS

KEVIN AND CLINT HARDY

Comparison: CaseIH 2X2 dry fertilizer placement in no-till

Brand: AgriGold A6544VT2RIB

Planted: April 10, 2020

Harvested: September 23, 2020

	% Moisture	Yield
Fertilizer placement beside leading disk opener	20.2	233.17
Fertilizer placement beside trailing disk opener	19.3	238.43
Fertilizer placement beside leading disk opener	20.0	234.01
Fertilizer placement beside trailing disk opener	19.4	241.06

KEVIN AND CLINT HARDY

Comparison: Seed size side by side

Brand: AgriGold A6544VT2RIB

Planted: April 10, 2020

Harvested: September 23, 2020

	% Moisture	Yield
Medium Plateless (MP)	18.3	245.30
Medium Flat (MF)	19.5	244.70

HAGAN BROTHERS FARMS

Comparison: 2X2 liquid fertilizer

Brand: AgriGold A641-06VT2RIB

Planted: April 15, 2020

Harvested: September 9, 2020

	% Moisture	Yield
19 gallons 16-15-5-4S, 2 qts. 10% Boron, 2 qts. Zinc	24.1	255.80
11 gallons 16-15-5-4S, 1 qt. 10% Boron, 1 qt. Zinc	24.8	259.61
No starter	25.0	247.59

JOE HARDY

Comparison: Side by side

Harvested: October 6, 2020

	% Moisture	Yield
Delkalb 66-18	18.3	264.66
AgriGold 6544	17.6	248.59

2020 CORN STRIP CHECKS NON-GMO YELLOW

JEFF RICE FARMS

Comparison: Seed treatment side by side

Brand: Stewart 09CV409

Planted: April 2, 2020

Harvested: October 17, 2020

	% Moisture	Yield
Delt AG Seed Coat	15.5	235.70
Tripidity	15.4	234.10
Untreated	15.2	250.40

KENTUCKY EXTENSION CORN PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I - Conventional Tillage

SPARKS FARMS

Planted: 4/20/2020	Harvested: 10/3/2020
Brand: DeKalb DKC70-27PRIB	Moisture: 22.5
Herbicide: 1 pt. Gramoxone, 2.75 qts. Acuron	Acreage: 1.3809
Insecticide: 4 oz. Tundra, 4 oz. Ethos XB	Yield/Acre: 309.32
Fungicide: 13.7 oz. Trivapro, 6.4 oz. Quilt Xcel	Check 1: 276.97
Fertility: 251# N, 80# P, 105# K, 2# 10% Zn,	Check 2: 283.11
5# 14.3% Borate, Starter used	Check 3: 301.31

DARRELL HAGAN

Planted: 4/2/2020	Harvested: 9/17/2020
Brand: Croplan Seed CP5370VT2PRIB	Moisture: 19.7
Herbicide: 22 oz. Cornerstone Plus, 3 oz. Laudis, 5 oz. Verdict, 1 lb. Simazine 90DF, 22 oz. Roundup Power Max, 1 qt. Atrazine	Acreage: 1.3313
Insecticide: 2.8 oz. Tundra	Yield/Acre: 297.16
Fungicide: 7 oz. Veltyma	
Fertility: 250# N, 2.5 gals. B, 3 tons Chicken Litter	

GOETZ BROTHERS FARMS

Planted: 4/3/2020	Harvested: 9/16/2020
Brand: DeKalb DKC70-27PRIB	Moisture: 21.6
Herbicide: 32 oz. Roundup, 3 qts. Acuron	Acreage: 1.5597
Insecticide: 2 oz. Tombstone, Capture LFR	Yield/Acre: 288.51
Fungicide: 13.7 oz. Trivapro	Check 2: 285.04
Fertility: 220# N, 2 tons Chicken Litter, Starter used	

O'BRYAN GRAIN FARMS

Planted: 4/22/2020	Harvested: 9/14/2020
Brand: DeKalb DKC67-44VT2P	Moisture: 25.1
Herbicide: 1 qt. Glyphosate, 1 qt. 2,4-D, 3 qts. Halex GT	Acreage: 1.4740
Insecticide: None	Yield/Acre: 287.18
Fungicide: Veltyma	
Fertility: 200# N, 2 tons Swine Compost	

GOETZ BROTHERS FARMS

Planted:	4/18/2020	Harvested:	9/21/2020
Brand:	AgriGold A648-58STX	Moisture:	19.8
Herbicide:	32 oz. Roundup, 3qts. Acuron	Acreage:	1.5937
Insecticide:	2 oz. Tombstone, Capture LFR	Yield/Acre:	285.22
Fungicide:	13.7 oz. Trivapro		
Fertility:	206# N, 3 tons Chicken Litter, Starter used		

SPARKS FARMS

Planted:	4/20/2020	Harvested:	11/22/2020
Brand:	DeKalb DKC70-27PRIB	Moisture:	19.2
Herbicide:	1 pt. Gramoxone, 2.75 qts. Acuron	Acreage:	1.3313
Insecticide:	4.oz. Tundra, 4 oz. Ethos XP	Yield/Acre:	285.20
Fungicide:	13.7 oz. Trivapro, 6.4 oz. Quiltxcel	Check 2:	272.84
Fertility:	257# N, 80# P ₂ O ₅ , 105# K ₂ O, 2# Zn, 5# B		

ZOGLMANN BROS FARMS

Planted:	4/7/2020	Harvested:	9/18/2020
Brand:	DeKalb DKC68-69VT3	Moisture:	21.8
Herbicide:	Halex GT	Acreage:	1.5055
Insecticide:	None	Yield/Acre:	284.09
Fungicide:	Trivapro		
Fertility:	236# N, 92# P ₂ O ₅ , 120# K ₂ O, 1# Zn		

GOETZ BROTHERS FARMS

Planted:	4/15/2020	Harvested:	9/24/2020
Brand:	AgriGold A6544VT2RIB	Moisture:	18.9
Herbicide:	32 oz. Roundup, 3 qts. Acuron	Acreage:	1.3751
Insecticide:	2 oz. Tombstone, Capture LFR	Yield/Acre:	282.42
Fungicide:	13.7 oz. Trivapro		
Fertility:	206# N, 2 tons Chicken Litter, Starter used		

GOETZ BROTHERS FARMS

Planted:	4/3/2020	Harvested:	9/18/2020
Brand:	DeKalb DKC67-44VT2P	Moisture:	24.2
Herbicide:	32 oz. Roundup, 3qts. Acuron	Acreage:	1.2562
Insecticide:	2 oz. Tombstone	Yield/Acre:	281.05
Fungicide:	13.7 oz. Trivapro		
Fertility:	220# N, 2 tons Chicken Litter, Starter used		

KEN-MAUR FARMS

Planted: 4/21/2020	Harvested: 9/11/2020
Brand: AgriGold A639-70STX	Moisture: 23.4
Herbicide: Roundup, Atrazine, Laudis	Acreage: 1.3140
Insecticide: Lambda T	Yield/Acre: 277.19
Fungicide: Headline AMP	Check 2: 269.37
Fertility: 180# N, 120# P ₂ O ₅ , 180# K ₂ O	Check 3: 263.78

HAGAN BROS FARMS

Planted: 4/6/2020	Harvested: 9/11/2020
Brand: AgriGold A641-06STXRIB	Moisture: 20.4
Herbicide: 20 oz. Cornerstone Plus, 5 oz. Verdict, 3 oz. Laudis, 1 lb. Simazine DF, 2 pts. Atrazine	Acreage: 1.3492
Insecticide: 2.8 oz. Tundra	Yield/Acre: 275.29
Fungicide: 7 oz. Veltyma	Check 2: 273.47
Fertility: 227# N, 80.5# P ₂ O ₅ , 105# K ₂ O, Starter used	

WAYNE GLENN AND SONS

Planted: 4/7/2020	Harvested: 9/11/2020
Brand: Pioneer P1197AM	Moisture: 19.9
Herbicide: 3 qts. Lexar, 1/2 lb. Atrazine	Acreage: 1.4869
Insecticide: 1.5 oz. Lambda T, Poncho 250	Yield/Acre: 266.16
Fungicide: 13 oz. Trivapro	
Fertility: 180# N, 125# S, 3 tons Chicken Litter	

KNOTT FARMS

Planted: 5/11/2020	Harvested: 9/14/2020
Brand: AgriGold A641-06	Moisture: 25.0
Herbicide: 3 oz. Laudis, 1 qt. Atrazine	Acreage: 1.4339
Insecticide: Capture	Yield/Acre: 264.17
Fungicide: 8 oz. Veltyma	
Fertility: 210# N, 2 tons Chicken Litter, Starter used	

JASON HAGAN

Planted: 5/12/2020	Harvested: 10/22/2020
Brand: AgriGold A648-54STX	Moisture: 18.9
Herbicide: 28 oz. Cornerstone, 2 pts. Atrazine, 5 oz. Verdict, 3 oz. Laudis, Simazine 90DF, 28 oz. Cornerstone Plus	Acreage: 1.3017
Insecticide: 2.8 oz. Tundra	Yield/Acre: 261.22
Fungicide: 8 oz. Priaxor, 4 oz. Tilt, 7 oz. Vetyrna	
Fertility: 320# N, 70# S, 4 gals. B, 6# Sucrose, 3 tons Chicken Litter	

BOBBY AND AUSTIN GLENN

Planted:	4/10/2020	Harvested:	10/16/2020
Brand:	Pioneer P1197	Moisture:	14.9
Herbicide:	Lexar, Atrazine	Acreage:	1.2993
Insecticide:	None	Yield/Acre:	261.05
Fungicide:	None	Check 2:	256.1
Fertility:	220# N, 3 ton Turkey Litter		

GOETZ BROTHERS FARMS

Planted:	4/10/2020	Harvested:	9/14/2020
Brand:	Dyna-Gro D58VC65RIB	Moisture:	25.5
Herbicide:	32 oz. Roundup, 3 qts. Acuron	Acreage:	1.2906
Insecticide:	2 oz. Tombstone	Yield/Acre:	260.32
Fungicide:	13.7 oz. Trivapro		
Fertility:	227# N, 69# P ₂ O ₅ , 90# K ₂ O, Starter used		

FLATLICK GRAIN FARMS

Planted:	4/3/2020	Harvested:	9/11/2020
Brand:	AgriGold A6544VT2RIB	Moisture:	20.8
Herbicide:	2.5 qts. Accuron, 22 oz. Roundup, 5 oz. Leadoff, 1 pt. 2,4-D	Acreage:	1.7557
Insecticide:	3.3 oz. Sniper LFR	Yield/Acre:	257.58
Fungicide:	8 oz. Veltyma		
Fertility:	246# N, 69# K ₂ O, 230# Mes10, 1 gal. Maximum N-Pac-K, Starter used		

FLATLICK GRAIN FARMS

Planted:	4/3/2020	Harvested:	9/11/2020
Brand:	Pioneer P1464AML	Moisture:	20.8
Herbicide:	2.5 qts. Accuron, 22 oz. Roundup, 5 oz. Leadoff, 1 pt. 2,4-D, 4.3 oz. Weatherguard Complete	Acreage:	1.2948
Insecticide:	3.3 oz. Sniper LFR	Yield/Acre:	257.24
Fungicide:	8 oz. Veltyma		
Fertility:	Maximun N-Pac-K, Starter used		

COLE HAMILTON

Planted:	5/12/2020	Harvested:	10/9/2020
Brand:	NK NK 1082-3330A	Moisture:	15.7
Herbicide:	2.5 qts. Acuron, 1 qt. Atrazine, 1 qt. Roundup	Acreage:	1.3729
Insecticide:	Hero	Yield/Acre:	255.85
Fungicide:	13.7 oz. Trivapro		
Fertility:	224# N, 92# P ₂ O ₅ , 124# K ₂ O, Starter used		

STEPHEN FARMS

Planted:	5/24/2020	Harvested:	9/22/2020
Brand:	AgriGold A6572VT2RIB	Moisture:	25.1
Herbicide:	Roundup, Atrazine, Laudis	Acreage:	1.3730
Insecticide:	Capture LFR	Yield/Acre:	252.70
Fungicide:	Headline AMP@V10, Veltyma@R1	Check 2:	250.72
Fertility:	175# N, 90# K ₂ O, 48# S, Starter used		

STEPHEN FARMS

Planted:	5/24/2020	Harvested:	9/22/2020
Brand:	AgriGold A641-06VT2RIB	Moisture:	27.0
Herbicide:	Atrazine, Laudis, Roundup	Acreage:	1.3200
Insecticide:	Capture LFR	Yield/Acre:	245.43
Fungicide:	Headline AMP@V10, Veltyma@R1	Check 2:	241.58
Fertility:	175# N, 180# K ₂ O, 48# S, Starter used		

ROB ELLIOTT

Planted:	4/7/2020	Harvested:	9/24/2020
Brand:	AgriGold A6599	Moisture:	17.6
Herbicide:	Verdict, Roundup, Atrazine, Armazon	Acreage:	1.7600
Insecticide:	Hero	Yield/Acre:	235.48
Fungicide:	Lucento		
Fertility:	241# N, 69# P ₂ O ₅ , 90# K ₂ O		

DIVISION II - No-Till

TRIPLE T FARMS

Planted:	4/7/2020	Harvested:	9/10/2020
Brand:	Dyna-Gro D58VC65RIB	Moisture:	25.9
Herbicide:	Halex GT, Roundup, Atrazine	Acreage:	1.3884
Insecticide:	Sniper, Tombstone, Poncho Votivo 250, Awaken CoFlow	Yield/Acre:	284.90
Fungicide:	Trivapro 2X, Revytek		
Fertility:	325# N, 147# P ₂ O ₅ , 120# K ₂ O, 6# Zn, 60# S, 4# B, 2 gal. Mn, 1 gal. Mg, 1 qt. Co, 1 gal. Ca, Starter used		

TANNER STROUP

Planted:	4/15/2020	Harvested:	11/7/2020
Brand:	DeKalb D64-95VT3	Moisture:	15.3
Herbicide:	Roundup, Zidua, Laudis, Status	Acreage:	1.6969
Insecticide:	Tundra, Capture LFR	Yield/Acre:	268.35
Fungicide:	Veltyma		
Fertility:	300# N, 300# P ₂ O ₅ , 70# K ₂ O, 20# Zn, Starter Used		

KEVIN & CLINT HARDY

Planted:	4/10/2020	Harvested:	9/22/2020
Brand:	AgriGold A6544VT2RIB	Moisture:	19.2
Herbicide:	1qt. Bucaneer Plus, 1 pt. Defy LV6, 1 qt. Atrazine 4F, 3 qts. Halex GT	Acreage:	1.58
		Yield/Acre:	266.55
Insecticide:	2# Smartchoice HC		
Fungicide:	14 oz. Trivapro		
Fertility:	221# N, 43# P, 56# K, 10# S, 1#Zn, 1 gal. 24-0-0		

WES POOLE

Planted:	5/24/2020	Harvested:	10/22/2020
Brand:	DeKalb DKC66-18	Moisture:	19.2
Herbicide:	Roundup, Dicamba, Atrazine, Accuron	Acreage:	1.3062
Insecticide:	None	Yield/Acre:	249.68
Fungicide:	Trivapro	Check 2:	248.29
Fertility:	200# N, 2 tons Turkey Litter		

HODSKINS FARMS

Planted:	4/7/2020	Harvested:	10/6/2020
Brand:	AgriGold 6572	Moisture:	16.3
Herbicide:	64 oz. Mad Dog, 33.5 oz. Atrazine, 12 oz. Rifle, 3 oz. Status	Acreage:	1.5196
		Yield/Acre:	248.63
Insecticide:	None		
Fungicide:	Trivapro		
Fertility:	245# N, 115# P ₂ O ₅ , 150# K ₂ O, 2 oz. Radiant, 1 qt. Nutrisync Complete		

DIVISION III - White Corn

BOBBY AND AUSTIN GLENN

Planted:	4/10/2020	Harvested:	09/25/20
Brand:	Pioneer P1618W	Moisture:	19.5
Herbicide:	Lexar, Atrazine	Acreage:	1.324
Insecticide:	None	Yield/Acre:	264.17
Fungicide:	None		
Fertility:	227# N, 3 tons Turkey Litter		

PPJ THOMPSON FARMS

Planted:	4/4/2020	Harvested:	09/17/20
Brand:	Pioneer P1656W	Moisture:	21.9
Herbicide:	1 qt. Roundup, 4 oz. Revalon Q, 2 qts. Atrazine, 12 oz. 2,4-D, 1 oz. Leadoff	Acreage:	1.51
		Yield/Acre:	259.80
Insecticide:	3.4 oz. Capture LFR		
Fungicide:	None		
Fertility:	227# N, 69# P ₂ O ₅ , 90# K ₂ O		

PPJ THOMPSON FARMS

Planted:	4/4/2020	Harvested:	09/17/20
Brand:	Pioneer P1618W	Moisture:	22.5
Herbicide:	1 qt. Roundup, 2 qts. Atrazine, 12 oz. 2,4-D, 4 oz. Revalon Q, 1 oz. Leadoff	Acreage:	1.5923
		Yield/Acre:	251.59
Insecticide:	3.4 oz. Capture LFR		
Fungicide:	None		
Fertility:	200# N, 2 ton Turkey Litter		

DIVISION IV - Irrigated

MARTIN MITCHELL

Planted:	4/22/2020	Harvested:	10/6/2020
Brand:	AgriGold A6544VT2RIB	Moisture:	16.0
Herbicide:	1.5 pts. Gramxone 2.0, 2 qts. Lexar	Acreage:	2.0005
Insecticide:	2 oz. Lambda T-2	Yield/Acre:	262.12
Fungicide:	Headline AMP		
Fertility:	200# N, 92# P ₂ O ₅ , 120# K ₂ O		

STRODE FARMS

Planted:	4/20/2020	Harvested:	9/25/2020
Brand:	AgriGold A6544STX	Moisture:	20.2
Herbicide:	3 qts. Atrazine, 8 oz. Laudis, Roundup	Acreage:	2.8037
Insecticide:	Sultress	Yield/Acre:	261.05
Fungicide:	20 oz. Veltyma		
Fertility:	240# N, 92# P ₂ O ₅ , 120# K ₂ O, 2 qts. Zn, 2 gals. B, Starter used		

KEN-MAUR FARMS

Planted:	5/28/2020	Harvested:	10/8/2020
Brand:	AgriGold A6544VT2RIB	Moisture:	23.6
Herbicide:	Atrazine, Laudis	Acreage:	1.3104
Insecticide:	Lambda T, Bifenthrin	Yield/Acre:	234.10
Fungicide:	Veltyrna, Headline AMP, Trivapro	Check 2:	230.02
Fertility:	435# N, 115# P ₂ O ₅ , 480# K ₂ O, 18# Zn, 165# S, Starter used		

Daviness County Early Strode Farms	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20	2018-20			
Beck's XL®6082™*	272.7			18.3	60.8	0
NuTech 71F5Q	268.7			18.5	60.4	0
Warren Seed DS 5018	268.5	241.0		16.0	59.8	0
Pioneer P1197YHR	266.0	245.7	228.1	17.0	60.4	0
Wyffels W7876RIB	265.4			19.4	61.6	0
Brevant Seeds B07H01AM	261.9			16.8	59.3	0
NuTech Seed 5FB-9909AM	261.5	238.5		16.5	58.9	0
ARMOR A1029	261.2	243.2		17.7	59.5	0
FS InVISION FS 6194V RIB	260.0	241.3		17.9	59.5	0
AgriGold A639-70STXRIB	259.7			17.4	59.5	0
DEKALB DKC59-82RIB	258.3			17.8	59.6	0
DEKALB DKC60-80RIB	257.7			17.5	59.7	0
Channel 209-15VT2PRIB	256.6	240.5	240.7	17.6	59.2	0
Beck's 6112V2P	256.5			18.5	61.1	0
Dyna-Gro D50VC78	255.0			17.3	59.1	0
Stewart 09DP409	254.4			17.3	59.4	0
NuTech Seed 68B3AML	254.3	237.8		17.8	60.5	0
Progeny Ag EXP2010	253.3			16.5	59.7	0
Pioneer P1077YHR	252.4			17.0	60.7	0
NuTech 70A8AM	251.7			18.1	59.7	0
NuTech 68A7AM	249.8			16.4	58.5	0
DEKALB DKC61-41RIB	249.0	240.1		17.0	58.4	0
Local Seed LC0999VT2P	248.0			17.2	59.4	0
Stewart 09DD140	246.1	243.3		16.8	58.8	0
Caverndale CF 794 VIPTERA 3111	246.1	224.7		19.3	61.9	1
LG Seeds LG60C12-5222	242.9			18.4	58.8	0
Progeny Ag PGY2008VT2P	242.6	241.9		16.0	58.6	0
Local Seed LC0877 VT2PRIB	239.0	234.9		16.6	58.2	0
LG Seeds LG59C72VT2RIB	231.2			16.5	58.0	0
Caverndale CF 753GTCBLL	225.8	221.3	223.7	16.4	59.9	0
Armor A0711	224.9			17.1	60.5	0
Local Seed LC1307TC	208.7			17.4	58.5	0
Average	250.4	238.0	230.8	17.3	59.5	0
C.V.	6.1	8.4	9.1	3.3	1.3	382
LSD	30.0	27.9	24.2	1.1	1.5	0

Early varieties: 111 days or less to maturity

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

Planted: April 22, 2020; Harvested: October 3, 2020

Soil type: Ashton Silt Loam; Previous crop: Soybean; Fertilizer: 180/92/120

Daviness County Medium Strode Farms	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20	2018-20			
AgriGold A642-47STX	252.9			20.4	61.4	0
AgriGold A642-59VT2RIB	263.5	258.7	241.8	19.0	61.3	0
AgriGold A645-16VT2PRO	274.5	260.0		19.8	61.4	0
AgriGold A6544VT2RIB	271.1	249.2	239.6	19.7	60.1	0
AgriGold A6572VT2RIB	247.4	244.2	225.5	19.5	63.4	0
ARMOR A1299	254.2	235.9		18.5	61.8	0
ARMOR A1575	267.1	250.8		19.9	61.0	0
Beck's 6374V2P	231.1			18.2	60.9	0
Beck's 6414V2P	242.7			19.5	62.4	0
Beck's 6557V2P	251.2			20.1	61.2	0
Caverndale CF 859 VIPTERA 3111	244.1	233.1		19.9	63.0	0
Channel 214-78DGV2PRIB	271.5			19.4	61.0	0
Channel 215-60TRERIB	270.5	256.9	247.6	19.5	59.9	0
DEKALB DKC62-53RIB	261.9	246.3	244.6	18.3	60.9	1
DEKALB DKC63-57RIB	268.5	252.0	249.7	19.4	61.1	0
DEKALB DKC63-91RIB	267.5	248.0		17.0	59.8	0
DEKALB DKC64-35RIB	258.4	243.7	242.4	19.6	61.8	0
DEKALB DKC64-64RIB	258.9			18.7	60.8	0
DEKALB DKC65-95RIB	247.8	244.0	239.5	19.6	62.5	0

Daviess County Medium Cont. Strode Farms	YIELD (BU/AC)			MST	TWT	LODG
	2020	2019-20	2018-20	(%)	(LB/BU)	(%)
DEKALB DKC65-99RIB	267.3	246.9		20.7	61.5	0
Dyna-Gro D53VC33	261.8			18.4	61.4	0
Dyna-Gro D54VC34	265.7			18.6	61.7	0
Dyna-Gro D55VC80	262.7			19.9	61.2	0
FS InVISION FS 62ZV1 RIB	257.9	241.6		18.9	61.4	0
FS InVISION FS 6306T RIB	250.9			18.1	61.2	0
FS InVISION FS 6395VDG RIB	256.8			18.5	61.7	0
FS InVISION FS 6595V RIB	270.9	254.4		20.3	61.0	0
LG Seeds LG62C35VT2Pro	250.1			17.7	59.7	0
LG Seeds LG64C30TRCRIB	248.6	230.0	233.1	18.9	61.9	0
Local Seed LC1289 VT2PRIB	251.9	239.8		18.8	60.6	0
Local Seed LC1398VT2P	262.6			19.3	61.8	0
Local Seed LC1497DGV2P	264.8			18.1	61.5	0
Local Seed LC1506 VT2P	267.7			18.9	63.0	0
Local Seed LC1577 VT2PRIB	255.5	240.9		19.6	61.9	0
Mission Amp A1257VT2P	250.1			19.1	61.2	0
Mission Amp A1477DGV2P	253.0			18.9	59.7	2
Mission Amp A1548DGV2P	254.1			20.4	61.5	0
Brevant Seeds B13Y85AM	256.7	244.5		19.5	60.2	0
Brevant Seeds B15H98AM	269.9			21.3	62.7	0
Brevant Seeds B14J04AM	252.8			19.2	60.6	0
Brevant Seeds B15M08AM	274.9			19.8	61.0	0
NuTech 72B7AM	256.7			19.7	62.2	0
NuTech 74B6AM	256.1			19.5	60.6	0
NuTech Seed 5FB-2213AM	264.6	239.8		18.7	62.1	0
NuTech Seed 75D2AM	241.5	234.5		19.8	60.7	0
NuTech Seed 75G1AM	269.0	255.3		20.3	62.8	1
Pioneer P1442YHR	245.5	230.7		20.4	62.5	0
Pioneer P1464VYHR	261.2	229.9		20.4	61.4	0
Progeny Ag EXP1913	246.9	240.8		19.5	61.5	0
Progeny Ag EXP1915	249.3	237.7		20.6	62.3	0
Progeny Ag PGY 9114VT2P	244.3	247.2	226.9	20.0	61.9	0
Progeny Ag PGY2012VT2P	238.8		220.5	19.3	61.0	0
Progeny Ag PGY2015VT2P	252.5			18.7	63.4	0
Seed Consultants SC 1121AM	264.6			19.0	59.3	0
Seed Consultants SC 1141AM	259.0			19.7	61.2	0
Stewart 12DT701	248.6			18.7	59.9	0
Stewart 13DD360	268.1	252.9		19.0	60.5	0
Stewart 14DD339	266.4	234.5	227.3	19.2	60.1	0
Stewart 15DP519	265.2	248.7	234.5	19.7	61.4	0
Stewart 8E623RIB	250.8	248.3	239.6	19.3	59.7	0
Taylor Seed T8561VT2PRO	247.2			20.0	61.5	0
Taylor Seed T8680VT2PRO	282.7			21.6	61.8	0
Taylor T8824	239.3	238.5		19.6	61.9	0
Warren Seed DS 5210	255.4			19.0	60.6	0
Warren Seed DS 5371	260.8			19.1	61.6	0
Warren Seed DS 5510	269.5	251.9		21.1	62.7	0
Average	257.8	244.5	236.6	19.4	61.3	0
C.V.	4.5	7.3	9.3	1.9	1.0	448
LSD	22.4	24.4	25.0	0.7	1.2	1

Daviess County Late Strode Farms	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20	2018-20			
DEKALB DKC67-37RIB	274.6			20.8	61.5	0
Stewart 17DP781	273.8			22.6	59.4	0
FS InVISION FS 6606T RIB	273.0			20.0	59.7	0
Seed Consultants SCS 1170AM	271.6	248.4		20.0	61.1	0
Warren Seed DS 5676	269.4			20.8	61.7	0
Pioneer P1870YHR	267.0	250.4	243.9	22.4	61.7	0
Wyffels W8936DGRIB	266.5			21.3	61.2	0
DEKALB DKC67-44	262.1	254.9	236.4	20.4	62.0	0
Pioneer P2089VYHR	261.6	249.0	240.6	22.2	60.0	0
Mission Amp A1657VT2P	261.0			20.7	60.9	0
Progeny Ag PGY9117VT2P	260.7	244.1		21.5	62.3	0
DEKALB DKC66-18RIB	259.8	247.5		20.2	60.9	0
AgriGold A647-42TRC	258.7			19.6	59.6	0
Dyna-Gro D58VC65	258.0	223.5	230.6	21.0	62.1	0
LG Seeds LG68C22VT2PRO	257.4			21.2	62.5	0
LG Seeds LG66C44VT2PRO	257.3			20.2	60.8	0
NuTech Seed 78A1AM	256.6	241.9		22.0	62.0	0
Brevant Seeds B16J93AM	256.4			21.8	62.1	0
Pioneer P1637YHR	255.9	235.7	225.8	19.8	63.0	1
NuTech E74D3AM	255.8			19.6	63.3	0
AgVenture AV7516Q	255.6			21.3	62.9	0
Pioneer P1847VYHR	255.3	245.5	249.3	21.9	61.8	0
Seed Consultants SCS 1188AM	254.5	236.7		21.4	60.8	1
Local Seed LC1987 VT2P	252.8	240.3		20.7	62.0	0
Local Seed LC1697	248.1	234.7		20.9	62.2	0
Local Seed LC1898TC	247.9			20.4	62.2	0
Progeny Ag PGY8116SS	247.8	239.6	222.4	20.4	63.2	0
Mission Amp A1798VT2P	247.3			23.5	59.7	0
Stewart 17DP387	245.6	234.3	220.9	21.8	62.5	0
FS InVISION FS 67SV1 RIB	245.2	223.0	226.3	20.7	62.7	0
Dyna-Gro D57VC17	244.6			20.6	62.7	0
Local Seed LC1707 VT2P	244.3			20.7	62.9	0
DEKALB DKC69-99RIB	243.4			20.2	62.7	0
Stewart 16DP117	242.4	221.3	225.5	21.9	60.9	0
DEKALB DKC70-27RIB	242.0	237.7	244.7	21.3	60.7	0
AgriGold A647-90VT2RIB	241.4			20.7	62.4	0
LG Seeds LG66C32VT2PRO	237.4			20.4	62.2	0
AgVenture AV8216YHB	236.8			19.0	62.0	0
Local Seed LC1806 VT2P	236.1			19.4	61.7	0
Average	255.2	239.4	233.3	20.7	61.7	0
C.V.	5.6	8.4	9.8	3.3	1.1	406
LSD	27.7	28.2	26.2	1.3	1.3	0

Late varieties: 116 days or more to maturity

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

Planted: April 22, 2020; Harvested: October 3, 2020

Soil type: Ashton Silt Loam; Previous crop: Soybean; Fertilizer: 180/92/120

Daviess County Conventional	YIELD (BU/AC)			MST	TWT	LODG
Strode Farms	2020	2019-20	2018-20	(%)	(LB/BU)	(%)
Biomineral-OCN	225.8			17.5	59.8	0
Biomineral-YN	225.9			17.1	60.6	0
Caverndale CF 790	226.8			20.5	62.5	0
Caverndale CF 855	239.6	238.7	232.6	20.4	63.3	0
Pioneer P0977	226.0			19.1	62.2	2
Pioneer P1197	235.2	245.9	250.7	18.2	59.5	1
Pioneer P1442	249.9	247.4		21.1	62.1	2
Pioneer P1870	252.2	235.7		21.0	61.6	0
Spectrum 6228	241.5			18.4	61.0	0
Spectrum 6334	234.3			21.4	57.9	0
Spectrum 6416	248.7	236.7		22.4	56.7	0
Spectrum 6775	249.8			23.5	59.1	0
Average	238.0	240.9	241.6	20.0	60.5	0
C.V.	4.1	6.3	7.7	2.5	1.3	285
LSD	20.1	20.7	20.4	1.0	1.6	3

Kentucky State Summery Early	YIELD (BU/AC)			MST	TWT	LODG
	2020	2019-20	2018-20	(%)	(LB/BU)	(%)
AgriGold A639-70STXRIB	257.2			18.1	59.7	0
NuTech 70A8AM	254.8			18.3	60.1	0
Warren Seed DS 5018	250.7	228.3		16.8	59.3	0
Channel 209-15VT2PRIB	250.6	231.2	234.7	17.8	59.8	0
FS InVISION FS 6194V RIB	250.1	232.3		17.9	60.0	0
Local Seed LC0999VT2P	248.5			17.7	60.0	0
Dyna-Gro D50VC78	247.9			17.6	59.1	0
NuTech 68A7AM	247.6			17.4	59.3	0
DEKALB DKC59-82RIB	245.9			17.8	59.3	0
Brevant Seeds B07H01AM	245.0			17.3	59.3	0
NuTech 71F5Q	244.8			18.3	59.6	0
ARMOR A1029	244.2	225.5		17.8	59.9	0
Stewart 09DD140	241.7	230.8		17.0	58.5	0
Brevant Seeds B11H09AM	241.3			18.2	59.6	0
Stewart 09DP409	240.7			17.4	59.4	0
Pioneer P1197YHR	239.9	217.3	216.9	17.6	60.2	0
Progeny Ag EXP2010	239.5			17.0	59.0	0
DEKALB DKC61-41RIB	239.3	222.9		17.3	58.0	0
Local Seed LC1307TC	237.8			17.9	59.5	0
DEKALB DKC60-80RIB	236.3			17.9	59.9	0
NuTech Seed 68B3AML	235.7	216.6		17.8	60.3	0
Beck's 6112V2P	235.6			17.6	62.7	0
Wyffels W7876RIB	235.6			18.3	61.0	0
Progeny Ag PGY2008VT2P	234.9	228.0		17.1	58.9	0
Pioneer P1077YHR	232.2			18.0	60.2	0
LG Seeds LG59C72VT2RIB	231.3			16.9	58.3	0
NuTech Seed 5FB-9909AM	230.0	218.2		16.9	59.0	0
Local Seed LC0877 VT2PRIB	229.1	216.6		17.4	58.8	0
Beck's XL®6082™*	228.9			17.8	60.5	0
LG Seeds LG60C12-5222	227.8			17.5	59.6	0
Caverdale CF 794 VIPTERA 3111	225.1	212.1		19.3	61.8	0
Caverdale CF 753GTCBLL	217.7	209.6	212.7	17.6	60.1	0
Armor A0711	216.7			17.6	60.3	0
Average	239.5	222.3	221.4	17.6	59.6	0
C.V.	6.2	8.4	8.2	3.2	2.2	441
LSD	12.7	25.9	20.8	0.5	1.1	0

Early varieties: 111 days or less to maturity

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

Kentucky State Summary Med	YIELD (BU/AC)		MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20			
Channel 214-78DGV2PRIB	259.6			18.7	60.6
Channel 215-60TRERIB	253.2	233.2	234.3	18.9	59.7
AgriGold A6544VT2RIB	252.3	235.3	236.5	18.8	60.0
FS InVISION FS 6306T RIB	249.1			18.1	60.3
LG Seeds LG64C30TRCRIB	247.5	217.6	221.7	18.6	61.0
Dyna-Gro D55VC80	247.5			19.3	60.7
AgriGold A645-16VT2PRO	247.2	224.7		19.4	60.4
ARMOR A1575	246.7	228.5		18.9	62.3
Brevant Seeds B15M08AM	246.2			19.0	60.8
Stewart 15DP519	244.9	228.0	228.7	19.0	60.9
Stewart 14DD339	244.6	226.7	227.0	18.8	60.3
DEKALB DKC65-99RIB	243.7	230.0		19.6	60.9
Local Seed LC1506 VT2P	243.2			18.8	63.1
NuTech Seed 75G1AM	243.0	223.3		19.9	62.4
Local Seed LC1398VT2P	242.9			18.9	61.2
Beck's 6414V2P	241.3			19.2	61.6
FS InVISION FS 6595V RIB	241.0	225.7		19.6	60.4
Dyna-Gro D54VC34	240.9			18.3	60.8
DEKALB DKC65-95RIB	240.4	218.9	220.1	19.1	62.1
DEKALB DKC63-91RIB	240.4	229.0		17.3	59.0
Warren Seed DS 5210	240.1			18.4	60.1
Taylor Seed T8680VT2PRO	239.9			20.4	61.6
DEKALB DKC64-35RIB	239.5	220.4	222.5	19.4	62.0
Warren Seed DS 5510	237.6	220.8		19.8	61.9
Beck's 6557V2P	237.4			19.3	60.5
Brevant Seeds B15H98AM	237.2			20.1	62.3
DEKALB DKC63-57RIB	237.2	218.6	222.2	18.7	60.8
Local Seed LC1497DGV2P	237.1			18.2	60.9
DEKALB DKC62-53RIB	237.0	219.5	220.5	18.2	60.4
AgriGold A642-47STX	237.0			19.8	61.1
Stewart 12DT701	236.7			18.2	59.1
Stewart 13DD360	236.5	223.1		18.2	59.9
LG Seeds LG62C35VT2Pro	236.2			17.8	60.0
Mission Amp A1477DGV2P	236.1			18.5	59.2
Stewart 8E623RIB	236.0	217.8	220.9	18.7	59.5
AgriGold A642-59VT2RIB	235.6	227.3	223.3	18.4	60.2
Local Seed LC1289 VT2PRIB	235.4	224.4		18.5	60.4
FS InVISION FS 62ZV1 RIB	235.1	220.7		18.2	60.6
Brevant Seeds B13Y85AM	234.8	222.3		19.2	59.8
FS InVISION FS 6395VDG RIB	234.0			17.9	60.8
NuTech Seed 5FB-2213AM	234.0	203.7		18.9	61.5
Dyna-Gro D53VC33	233.9			18.4	60.5
Local Seed LC1577 VT2PRIB	233.7	217.5		19.1	61.5
ARMOR A1299	233.6	221.3		18.1	60.3
Mission Amp A1548DGV2P	233.3			19.0	61.6
Pioneer P1442YHR	232.9	218.0		19.6	61.6
Seed Consultants SC 1141AM	232.8			19.0	60.7
NuTech 74B6AM	232.5			19.0	60.7
Warren Seed DS 5371	232.4			18.7	60.6
Seed Consultants SC 1121AM	232.2			18.0	62.2
NuTech 72B7AM	231.6			19.0	61.6
Brevant Seeds B14J04AM	231.5			18.9	60.3
Progeny Ag EXP1913	231.0	217.6		18.8	61.0
Progeny Ag EXP1915	230.6	209.8		19.5	62.0
Mission Amp A1257VT2P	229.1			18.4	60.7
AgriGold A6572VT2RIB	228.4	215.6	211.6	19.1	62.5
NuTech Seed 75D2AM	227.8	216.2		19.3	60.0
Progeny Ag PGY 9114VT2P	226.8	222.2	222.1	18.8	61.5
Taylor T8824	225.9	221.2		18.8	61.4

Kentucky State Summary Med Cont.	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20	2018-20			
Taylor Seed T8561VT2PRO	225.7			19.1	60.8	0
DEKALB DKC64-64RIB	225.2			18.5	60.5	0
Beck's 6374V2P	224.7			18.1	60.8	0
Caverndale CF 859 VIPTERA 3111	223.8	210.7		19.6	62.1	0
Progeny Ag PGY2015VT2P	223.2			18.3	62.5	0
Progeny Ag PGY2012VT2P	221.8		215.5	18.5	60.3	0
Pioneer P1464VYHR	213.9	204.2		19.3	60.7	0
Average	236.4	221.0	223.3	18.8	60.9	0
C.V.	7.1	9.3	9.1	3.8	2.7	499
LSD	14.3	28.3	22.5	0.6	1.4	0

Medium varieties: 112-115 days to maturity

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

Kentucky State Summary Late	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20	2018-20			
FS InVISION FS 6606T RIB	247.7			18.8	58.8	0
Warren Seed DS 5676	247.2			20.0	61.3	0
Wyffels W8936DGRIB	246.0			19.5	60.6	0
DEKALB DKC67-44	245.1	235.6	233.0	19.3	61.1	0
Seed Consultants SCS 1170AM	244.8	229.5		19.1	60.6	0
AgriGold A647-42TRC	244.5			18.5	58.7	0
DEKALB DKC66-18RIB	243.3	233.2		18.8	63.2	0
Dyna-Gro D58VC65	242.3	227.8	228.5	19.7	61.4	0
DEKALB DKC70-27RIB	240.7	222.4	225.8	20.4	60.3	0
Local Seed LC1898TC	240.0			19.1	63.4	0
Pioneer P1870YHR	239.9	224.9	222.8	20.8	61.8	0
DEKALB DKC67-37RIB	238.0			19.7	61.3	0
Mission Amp A1657VT2P	237.5			19.6	60.2	0
Stewart 17DP781	236.3			21.2	58.6	0
LG Seeds LG66C44VT2PRO	235.7			19.4	60.4	0
Pioneer P1847VYHR	235.3	222.2	223.3	21.4	61.2	0
Local Seed LC1987 VT2P	235.2	217.2		20.1	61.7	0
DEKALB DKC69-99RIB	234.3			19.2	63.9	0
NuTech Seed 78A1AM	233.8	227.2		20.5	62.7	0
Pioneer P2089VYHR	232.7	221.8	219.7	20.8	59.6	0
LG Seeds LG68C22VT2PRO	232.4			20.2	62.4	0
Mission Amp A1798VT2P	232.2			20.9	59.6	0
Brevant Seeds B16J93AM	230.9			20.5	62.1	0
Stewart 16DP117	230.6	221.8	223.9	20.4	60.7	0
Progeny Ag PGY9117VT2P	230.4	221.4		20.5	61.6	0
Progeny Ag PGY8116SS	230.0	215.6	214.1	19.5	62.3	0
Local Seed LC1806 VT2P	229.3			18.5	61.8	0
AgriGold A647-90VT2RIB	229.2			20.0	61.4	0
Stewart 17DP387	227.4	218.1	217.1	20.6	61.8	0
Seed Consultants SCS 1188AM	227.3	216.1		20.4	61.2	0
AgVenture AV7516Q	226.9			20.6	62.1	0
Dyna-Gro D57VC17	225.7			19.5	61.9	0
FS InVISION FS 67SV1 RIB	224.7	209.7	209.6	19.9	61.8	0
Pioneer P1637YHR	224.3	212.3	207.2	19.5	61.9	0
Local Seed LC1697	222.8	210.9		19.7	61.7	0
Local Seed LC1707 VT2P	222.3			19.8	62.6	0
LG Seeds LG66C32VT2PRO	219.4			19.3	61.4	0
AgVenture AV8216YHB	218.9			19.0	61.8	0
NuTech E74D3AM	215.6			19.0	62.6	0
Average	233.4	221.5	220.5	19.7	61.4	0
C.V.	7.6	7.9	8.1	3.9	4.2	0
LSD	15.2	24.1	20.1	0.7	2.2	0

Late varieties: 116 days or more to maturity

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

Kentucky State Summary
Conventional

	YIELD (BU/AC)			MST (%)	TWT (LB/BU)	LODG (%)
	2020	2019-20	2018-20			
Spectrum 6228	222.7			18.2	59.7	0
Pioneer P1442	221.7	215.1		20.2	60.8	1
Pioneer P1870	220.5	219.9		20.2	60.7	0
Spectrum 6416	218.7	217.0		20.8	56.7	0
Pioneer P0977	211.4			18.7	61.1	1
Caverndale CF 790	211.0			20.4	62.0	0
Biomineral-OCN	210.2			17.3	59.4	0
Spectrum 6775	210.2			22.1	58.9	0
Biomineral-VCN	208.9			17.5	59.9	0
Pioneer P1197	206.2	214.9	219.1	18.1	58.7	0
Caverndale CF 855	205.4	204.4	205.3	20.2	62.5	0
Spectrum 6334	198.8			20.3	61.0	0
Average	212.2	214.2	212.2	19.5	60.1	0
C.V.	8.9	8.0	8.3	3.6	5.2	409
LSD	18.3	22.9	19.5	0.7	3.0	1

Rice AgriMarketing LLC Livermore, Ky

Cooperator	C&T Farms	Planting Date	4/16/2020	Soil Texture					
Address		Planting Rate	36,000	Row Width	30				
City	Owensboro	Prev Crop	Soybean	Hrvst Pop					
State	Kentucky	Tillage		GPS Coordinates					
Zip Code	42301	Irrigation		Latitude		Longitude			
Plot County	Daviess								
Yield:							Plot weight x (100 - Harv. Moist.) x Crop Factor / Row Length / Row Width / Rows Harv.		
Factors:		Corn= 109.815	Soybean = 100.138						
	Brand	Product	RM	Trait	Plot Weight	Harv Moist	Row Length	Rows Harvest	Yield
1	NuTech	74B6AM	114		5340	19.5	620	12	211.5
2	NuTech	75G1AM	115		6550	17.5	730	12	225.8

Starter Fertilizer 7-24-6-45 3 gallon/acre

Water stood on this field approximately 10 days after the big rain

USA 500-Zinc and Foliac Acid 1 qt/acre
Ethos 3.5 oz/acre

March 9th Roundup 28oz/acre
2-4D 12oz/acre
Class Act 12 oz/acre
Interlock 4 oz/acre

May 11th Roundup 28 oz/acre
Acuron 72 oz/acre

June 12th 28-0-0-5 45 gal/acre
Phyco Terr: 32 oz/acre



Rice AgriMarketing LLC Livermore, Ky

Cooperator	Teddy and Randy Crabtree		Planting Date			Soil Texture		
Address			Planting Rate	32,000		Row Width	30	
City	Utica		Prev Crop	Soybean		Hrvst Pop		
State			Tillage			GPS Coordinates		
Zip Code			Irrigation			Latitude		Longitude
Plot County	Daviess							
Yield:			Plot weight x (100 - Harv. Moist.) x Crop Factor / Row Length / Row Width / Rows Harv.					
Factors:		Corn= 109.815		Soybean = 100.138				
	Brand	Product	RM	Plot Weight	Harv Moist	Row Length	Rows Harvest	Yield
1	Stewart	14DD339	114	1530	16.4	300	6	260.1



Stewart™ Brand Plot Data Form
Corn Form


Cooperator	Jeff Coke and Jason Crisp	Planting Date	4/20/2020	Soil Texture					
Address		Planting Rate	32,000	Row Width	30				
City	Glenville	Prev Crop	Soybean	Hrvst Pop					
State	Ky	Tillage	Minimum	GPS Coordinates					
Zip Code		Irrigation		Latitude	Longitude				
Plot County	Daviess	Harvest Date							
Yield: Plot weight x (100 - Harv. Moist.) x Crop Factor / Row Length / Row Width / Rows Harv.									
Factors:		Corn= 109.815	Soybean = 100.14						
	Brand	Product	RM	Plot Weight	Harvest Moist	Row Length	Rows Harvest	Yield	Rank
1	NuTech	70A8AM	110	6950	18.1	1030	8	252.9	1
2	NuTech	70A8AM	110	6600	18.5	991	8	248.4	**2
3	NuTech	70A8AM	110	6250	18	950	8	246.8	3

200 units N upfront
Fungicide applied

**Had about a 40 foot spot that had water damage

2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
COMPARISON OF EARLY MATURITY SOYBEANS - GROUP 2.6 - 3.2
8 Companies • 13 Brands

VARIETY	GERALD & JOEL		DON & BRIAN		2020 VARIETY		2019 VARIETY		2018 VARIETY	
	BOSWELL	FARMS	CECIL	FARMS	RANK	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE
1. NK S27-M8X	84.9		57.5		12	71.2				
2. Stewart 2840R2X	88.1		58.0		11	73.0				
3. Beck's 2899X2	84.4		65.1		10	74.8	85.2		83.9	
4. Dyna-Gro S28XT58	84.0		78.7		7	81.4	88.6		84.9	
5. Channel 2918R2X	84.8		84.2		4	84.5	86.1		85.1	
6. Asgrow AG29X9	81.4		74.6		9	78.0	84.8		84.2	
7. AgriGold G2900RX	83.5		86.9		3	85.2	85.4		86.2	
8. Stewart 2949R2X	85.7		89.6		2	87.7	84.3			
9. NK S30-M9X	77.3		63.1		13	70.2				
10. Beck's 3117X2	93.1		82.6		1	87.8				
11. Pioneer P31A22X	86.9		80.2		6	83.6	82.3			
12. AgriGold G3150RX	90.6		70.5		8	80.6				
13. Channel 3220R2X	80.3		88.4		5	84.3				

Daviess County Cooperative Extension Service
4800A New Hartford Road, Owensboro, Kentucky 42303
 Clint Hardy, County Extension Agent for Agriculture and Natural Resources Education

**2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
EARLY MATURITY SOYBEAN VARIETY TEST PLOT
(2.6 - 3.2 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Gerald and Joel Boswell Farms
Planting Date: April 16, 2020
Harvest Date: September 26, 2020
Planting Population: 150,000
Herbicides: Trivence, Glyphosate, Fexapan
Fungicides: Aproach Prima
Insecticides: Reveal Endur X
Fertility: VRT DAP & Potash
Primary Soil Type: Henshaw Silt Loam
Row Width: 15-15" rows
Plot Location: Hwy 662
Previous Crop: Corn
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK S27-M8X	56.0	16.4	84.9	6
2. Stewart 2840R2X	55.0	16.5	88.1	3
3. Beck's 2899X2	55.0	16.3	84.4	8
4. Dyna-Gro S28XT58	55.0	16.1	84.0	9
5. Channel 2918R2X	54.5	16.0	84.8	7
6. Asgrow AG29X9	55.0	16.2	81.4	11
7. AgriGold G2900RX	55.0	16.1	83.5	10
8. Stewart 2949R2X	54.0	15.9	85.7	5
9. NK S30-M9X	56.0	15.8	77.3	13
10. Beck's 3117X2	55.0	15.9	93.1	1
11. Pioneer P31A22X	55.0	15.6	86.9	4
12. AgriGold G3150RX	55.0	15.3	90.6	2
13. Channel 3220R2X	55.0	15.4	80.3	12
14. Pioneer 31A22X	54.5	15.9	87.0	
15. Pioneer P28A42X	54.0	15.7	91.1	
16. Pioneer P33A53X	54.0	15.0	79.7	
17. Pioneer P36A83X	54.5	15.3	94.2	
18. Beck's 2899X2	53.0	15.3	82.4	
Plot Average	54.8	15.8	85.0	

**2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
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 8, 2020
Harvest Date: September 24, 2020
Planting Population: 140,000
Herbicides: 1.6 pts. Gramoxone SL 3.0, 9 oz. Outlook,
24 oz. Roundup Power MaxII, 6 oz. Zidua Pro
Fungicides: 7.2 oz. Quadris Top SB
Insecticides: 6.4 oz. Tundra Supreme
Fertility: 2 ton Chicken Litter
Primary Soil Type: Collins Silt Loam
Row Width: 7-15" rows
Plot Location: Short Station Road
Previous Crop: Corn
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK S27-M8X	53.5	18.2	57.5	13
2. Stewart 2840R2X	55.0	17.1	58.0	12
3. Beck's 2899X2	56.0	16.7	65.1	10
4. Dyna-Gro S28XT58	56.0	16.6	78.7	7
5. Channel 2918R2X	56.0	16.6	84.2	4
6. Asgrow AG29X9	56.0	16.7	74.6	8
7. AgriGold G2900RX	56.0	16.6	86.9	3
8. Stewart 2949R2X	56.0	16.3	89.6	1
9. NK S30-M9X	56.0	16.3	63.1	11
10. Beck's 3117X2	56.5	16.3	82.6	5
11. Pioneer P31A22X	56.0	15.9	80.2	6
12. AgriGold G3150RX	55.5	15.7	70.5	9
13. Channel 3220R2X	55.0	16.2	88.4	2
Plot Average	55.7	16.6	75.3	

2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
COMPARISON OF MID MATURITY SOYBEANS - GROUP 3.3 - 3.9
8 Companies • 15 Brands

VARIETY	DON AND BRIAN		PPJ THOMPSON		2020 VARIETY		2019 VARIETY		2018 VARIETY	
	CECIL FARMS	FARMS	RANK	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE
1. NK S33-D7X	97.5	39.9	3	68.7						
2. Beck's 3447X2	77.1	39.1	12	58.1						
3. Stewart 3527R2X	88.2	43.5	4	65.9	84.6					
4. Pioneer P36A83X	90.8	47.1	2	69.0						
5. Asgrow AG36X6	84.2	40.3	8	62.2						72.6
6. Stewart 3628R2X	85.1	44.0	7	64.6	79.5					
7. AgriGold G3620RX	78.4	29.7	14	54.0						
8. NK S37-A4X	80.6	37.0	11	58.8	72.4					
9. Dyna-Gro S37XS89	83.4	46.3	5	64.9	83.8	75.1				
10. Beck's 3789X2	84.6	44.8	6	64.7	78.9					
11. Channel 3718R2X	68.4	38.8	15	53.6	93.1	74.8				
12. AgriGold G3722RX	96.9	46.9	1	71.9	72.2					
13. Channel 3821R2X/SR	68.1	42.8	13	55.5						
14. Pioneer P39A58X	68.6	50.1	9	59.3						
15. Asgrow AG39X0	77.0	41.3	10	59.2						

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

**2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
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 8, 2020
Harvest Date: September 24, 2020
Planting Population: 140,000
Herbicides: Zidua Pro, Roundup Max, Outlook
Fungicides: 7.2 oz. Quadris Top SB
Insecticides: 6.4 oz. Tundra Supreme
Fertility: 2 ton Chicken Litter
Primary Soil Type: Collins Silt Loam
Row Width: 7-15" rows
Plot Location: Short Station Road
Previous Crop: Corn
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK S33-D7X	56.0	16.0	97.5	1
2. Beck's 3447X2	56.0	15.7	77.1	11
3. Stewart 3527R2X	56.0	16.0	88.2	4
4. Pioneer P36A83X	55.5	15.9	90.8	3
5. Asgrow AG36X6	56.5	15.9	84.2	7
6. Stewart 3628R2X	56.0	15.6	85.1	5
7. AgriGold G3620RX	56.5	15.6	78.4	10
8. NK S37-A4X	56.5	15.9	80.6	9
9. Dyna-Gro S37XS89	56.5	15.9	83.4	8
10. Beck's 3789X2	57.0	15.8	84.6	6
11. Channel 3718R2X	56.5	15.5	68.4	14
12. AgriGold G3722RX	56.5	15.5	96.9	2
13. Channel 3821R2X/SR	56.0	15.5	68.1	15
14. Pioneer P39A58X	56.5	16.0	68.6	13
15. Asgrow AG39X0	55.5	16.7	77.0	12
Plot Average	56.2	15.8	81.9	

**2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
MID MATURITY SOYBEAN VARIETY TEST PLOT
(3.3 - 3.9 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: PPJ Thompson Farms
Planting Date: April 22, 2020
Harvest Date: October 16, 2020
Planting Population: 135,000
Herbicides: 1 qt. Roundup, 3 oz. Zidua Pro
Fungicides: None
Insecticides: None
Fertility: None
Primary Soil Type: McGary Silt Loam
Row Width: 22-15" rows
Plot Location: Smock Road
Previous Crop: Corn
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NK S33-D7X	55.5	15.9	39.9	11
2. Beck's 3447X2	56.5	15.3	39.1	12
3. Stewart 3527R2X	56.0	16.3	43.5	7
4. Pioneer P36A83X	56.0	15.9	47.1	2
5. Asgrow AG36X6	56.0	16.4	40.3	10
6. Stewart 3628R2X	55.0	12.5	44.0	6
7. AgriGold G3620RX	53.0	12.4	29.7	15
8. NK S37-A4X	55.5	12.5	37.0	14
9. Dyna-Gro S37XS89	55.0	12.3	46.3	4
10. Beck's 3789X2	55.0	12.3	44.8	5
11. Channel 3718R2X	56.0	12.1	38.8	13
12. AgriGold G3722RX	57.0	12.2	46.9	3
13. Channel 3821R2X/SR	56.0	12.0	42.8	8
14. Pioneer P39A58X	57.0	12.5	50.1	1
15. Asgrow AG39X0	56.0	11.8	41.3	9
Plot Average	55.7	13.5	42.1	

2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
COMPARISON OF LATE MATURITY SOYBEANS - GROUP 4.0 - 4.8 Group
8 Companies • 16 Brands

VARIETY	DON AND BRIAN		DARRELL		2020 VARIETY		2019 VARIETY		2018 VARIETY	
	CECIL FARMS	HAGAN FARMS	RANK	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE
1. Beck's 4119X2	79.0	77.4	6	78.2	63.5					
2. Stewart 4228R2X	77.1	88.9	3	83.0	84.1					
3. Pioneer P42A96X	84.3	85.4	2	84.9	85.5				68.0	
4. Channel 4218R2X/SR	78.5	82.8	5	80.6	71.5				71.3	
5. Asgrow AG42X9	80.6	80.8	4	80.7	88.0					
6. AgriGold G4318RX	73.8	82.7	6	78.2						
7. NK S44-C7X	71.7	79.3	10	75.5	92.2					
8. Dyna-Gro S44XW68	73.9	73.1	13	73.5					62.5	
9. Nutech 7450X	73.2	69.8	15	71.5	75.4					
10. Channel 4519R2X/SR	69.9	74.0	14	72.0	70.1					
11. Asgrow AG46X0	92.4	80.4	1	86.4	72.8				63.7	
12. Pioneer P46A86X	69.7	79.8	11	74.7						
13. NK S47-Y9X	83.5	63.8	12	73.6	76.4					
14. Dyna-Gro S48XT90	81.3	74.7	8	78.0						
15. AgriGold G4995RX	76.4	75.6	9	76.0						
16. Beck's 4991X2	63.4	69.6	16	66.5	79.2				69.4	

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**2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
LATE MATURITY SOYBEAN VARIETY TEST PLOT
(4.0 - 4.8 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Don & Brian Cecil Farms
Planting Date: June 1, 2020
Harvest Date: November 5, 2020
Planting Population: 145,000
Herbicides: Zidua Pro, Roundup Max, Outlook
Fungicides: 7.2 oz. Quadris Top SB
Insecticides: 6.4 oz. Tundra Supreme
Fertility: 2 ton Chicken Litter
Primary Soil Type: Belknap Silt Loam
Row Width: 7-15" rows
Plot Location: Free Silver Road
Previous Crop: Corn
Tillage Practice: No-Till

	TEST	PERCENT	HARVEST	
VARIETY	WEIGHT	MOISTURE	YIELD	RANK
1. Beck's 4119X2	57.0	12.1	79.0	6
2. Stewart 4228R2X	57.0	12.2	77.1	8
3. Pioneer P42A96X	55.5	11.9	84.3	2
4. Channel 4218R2X/SR	56.0	12.0	78.5	7
5. Asgrow AG42X9	57.0	12.0	80.6	5
6. AgriGold G4318RX	56.0	12.1	73.8	11
7. NK S44-C7X	56.0	12.3	71.7	13
8. Dyna-Gro S44XW68	58.0	12.2	73.9	10
9. Nutech 7450X	57.0	12.1	73.2	12
10. Channel 4519R2X/SR	57.0	12.3	69.9	14
11. Asgrow AG46X0	57.0	12.4	92.4	1
12. Pioneer P46A86X	56.0	12.4	69.7	15
13. NK S47-Y9X	57.0	12.2	83.5	3
14. Dyna-Gro S48XT90	57.0	12.3	81.3	4
15. AgriGold G4995RX	55.5	12.2	76.4	9
16. Beck's 4991X2	56.0	12.4	63.4	16
Plot Average	56.6	12.2	76.8	

**2020 DAVIESS COUNTY ROUNDUP READY 2 EXTEND
LATE MATURITY SOYBEAN VARIETY TEST PLOT
(4.0 - 4.8 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Darrell Hagan
Planting Date: April 2, 2020
Harvest Date: November 5, 2020
Planting Population: 161,000
Herbicides: 22 oz. Cornerstone 5 plus, 2 oz. Prefix, 9.6 oz. Destiny HC,
 14 oz. Class Act NG
Fungicides: 5 oz. Priaxor, 5 oz. Tilt
Insecticides: 3.2 oz Tundra
Fertility: 3 ton Chicken Litter
Primary Soil Type: Bonnie Silt Loam
Row Width: 6-30" rows
Plot Location: McCamish Road
Previous Crop: Corn
Tillage Practice: Conventional

	VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1.	Beck's 4119X2	49.5	12.7	77.4	9
2.	Stewart 4228R2X	56.0	12.5	88.9	1
3.	Pioneer P42A96X	54.0	12.9	85.4	2
4.	Channel 4218R2X/SR	54.0	12.9	82.8	3
5.	Asgrow AG42X9	55.0	12.8	80.8	5
6.	AgriGold G4318RX	55.0	12.9	82.7	4
7.	NK S44-C7X	53.0	13.3	79.3	8
8.	Dyna-Gro S44XW68	54.0	12.8	73.1	13
9.	Nutech 7450X	55.0	12.7	69.8	14
10.	Channel 4519R2X/SR	54.5	12.8	74.0	12
11.	Asgrow AG46X0	55.0	12.9	80.4	6
12.	Pioneer P46A86X	54.0	13.2	79.8	7
13.	NK S47-Y9X	54.5	12.9	63.8	16
14.	Dyna-Gro S48XT90	54.0	12.9	74.7	11
15.	AgriGold G4995RX	56.0	13.1	75.6	10
16.	Beck's 4991X2	55.0	13.1	69.6	15
	Plot Average	54.3	12.9	77.4	

2020 DAVIESS COUNTYWIDE ENLIST WEED CONTROL SYSTEMS SOYBEAN COMPARISON
5 Companies • 14 Brands

VARIETY	BRIAN		PAUL		RANK	2020 VARIETY		2019 VARIETY		AVERAGE
	NELTNER	HANCOCK	HANCOCK	HANCOCK		AVERAGE	AVERAGE	AVERAGE	AVERAGE	
1. Nutech 35N02E	83.8	78.9	78.9	78.9	2	81.3				
2. Beck's 3510-E3	89.2	69.3	69.3	69.3	3	79.3				
3. Dyna-Gro S37EN39	83.7	68.7	68.7	68.7	9	76.2			71.1	
4. NK S37-2E3	87.8	70.2	70.2	70.2	6	79.0				
5. Partners Brand PB3820E3	70.8	70.8	70.8	70.8	11	70.8				
6. Beck's 3910-E3	89.5	74.5	74.5	74.5	1	82.0				
7. NK S39-E3	82.0	73.2	73.2	73.2	8	77.6				
8. Dyna-Gro S39EN19	83.2	73.7	73.7	73.7	7	78.5				
9. Nutech 39N04E	86.5	71.8	71.8	71.8	4	79.2				
10. Nutech 41N03E	74.6	66.1	66.1	66.1	12	70.4				
11. Partners Brand PB4220E3	91.3	67.2	67.2	67.2	4	79.2				
12. Beck's 4310-E3	68.6	71.2	71.2	71.2	13	69.9				
13. Partners Brand PB4420E3	68.6	61.2	61.2	61.2	14	64.9				
14. Dyna-Gro S45ES10	83.6	67.9	67.9	67.9	10	75.7				

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2020 DAVIESS COUNTY ENLIST WEED CONTROL SYSTEMS SOYBEAN TEST PLOT

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Brian Neltner - Settles 3 Chicks Farms
Planting Date:	May 4, 2020
Harvest Date:	October 16, 2020
Planting Population:	130,000
Herbicides:	Enlist, Liberty, Zidna
Fungicides:	None
Insecticides:	None
Fertility:	2 ton Chicken Litter
Primary Soil Type:	Otwood/Ginat Silt Loam
Row Width:	7-15" rows
Plot Location:	Laketown Road
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Nutech 35N02E	55.5	14.1	83.8	6
2. Beck's 3510-E3	52.0	15.2	89.2	3
3. Dyna-Gro S37EN39	55.0	13.8	83.7	7
4. NK S37-2E3	54.0	14.4	87.8	4
5. Partners Brand PB3820E3	56.0	13.4	70.8	12
6. Beck's 3910-E3	52.0	14.7	89.5	2
7. NK S39-E3	56.5	13.5	82.0	10
8. Dyna-Gro S39EN19	56.0	14.0	83.2	9
9. Nutech 39N04E	57.0	12.9	86.5	5
10. Nutech 41N03E	56.0	13.7	74.6	11
11. Partners Brand PB4220E3	56.0	13.3	91.3	1
12. Beck's 4310-E3	55.0	14.1	68.6	13
13. Partners Brand PB4420E3	58.0	13.1	68.6	13
14. Dyna-Gro S45ES10	54.5	13.1	83.6	8
Plot Average	55.3	13.8	81.7	

**2020 DAVIESS COUNTY
ENLIST WEED CONTROL SYSTEMS SOYBEAN TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Paul Hancock
Planting Date: May 3, 2020
Harvest Date: November 6, 2020
Planting Population: 154,000
Herbicides: 1 qt. Roundup, 1 pt. 2, 4-D, 12 oz. Clethodim,
 38 oz. Liberty, 5 oz. Zidua
Fungicides: None
Insecticides: None
Fertility: None
Primary Soil Type: Elk/Otwood Silt Loam
Row Width: 14-15"
Plot Location: Hwy 56
Previous Crop: Tobacco
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Nutech 35N02E	57.0	11.9	78.9	1
2. Beck's 3510-E3	54.0	12.4	69.3	9
3. Dyna-Gro S37EN39	53.0	12.5	68.7	10
4. NK S37-2E3	52.0	12.2	70.2	8
5. Partners Brand PB3820E3	54.0	12.1	70.8	7
6. Beck's 3910-E3	53.0	12.3	74.5	2
7. NK S39-E3	55.0	12.3	73.2	4
8. Dyna-Gro S39EN19	53.0	11.9	73.7	3
9. Nutech 39N04E	53.0	11.8	71.8	5
10. Nutech 41N03E	55.5	12.0	66.1	13
11. Partners Brand PB4220E3	56.0	11.8	67.2	12
12. Beck's 4310-E3	57.0	11.6	71.2	6
13. Partners Brand PB4420E3	56.0	11.7	61.2	14
14. Dyna-Gro S45ES10	55.0	11.3	67.9	11
Plot Average	54.5	12.0	70.3	

2020 SOYBEAN STRIP CHECKS

STEVE TURNER

Saltro Seed Treatment Comparison

Pioneer P36A83X

Harvested: 10/7/2020

With Saltro

Without Saltro

Moisture: bu/acre

12.5 80.1

12.5 79.9

KENTUCKY EXTENSION SOYBEAN PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

DIVISION I - Single Crop

KEN-MAUR FARMS

Planted: 5/28/2020	Harvested: 10/6/2020
Brand: AgriGold 3722RX	Moisture: 11.5
Herbicide: Anthem Maxx, Ringside, Clethodim, Zidua	Acreage: 3.4638
Insecticide: Lambda	Tillage: Conventional
Fungicide: Priaxor, Propiconazole	Yield/Acre: 106.51
Fertility: Enz Up	

GOETZ BROTHERS FARM

Planted: 5/22/2020	Harvested: 10/2/2020
Brand: AgriGold 3520	Moisture: 11.2
Herbicide: 56 oz. Roundup, 6 oz. Zidua Pro, 32 oz. Prefix	Acreage: 3.3607
Insecticide: Hero	Tillage: Conventional
Fungicide: Miravis Top	Yield/Acre: 103.47
Fertility: 7.5# N, 45# P ₂ O ₅ , 45# K ₂ O	

KNOTT FARMS

Planted: 4/6/2020	Harvested: 9/17/2020
Brand: AgriGold 3520	Moisture: 15.3
Herbicide: Roundup, Dicamba, Reflex, Zidua	Acreage: 3.0800
Insecticide: None	Tillage: Conventional
Fungicide: Priaxor	Yield/Acre: 101.89
Fertility: None	

FISCHER CROSS CREEK FARMS

Planted: 4/2/2020	Harvested: 9/17/2020
Brand: Pioneer 36A83X	Moisture: 13.3
Herbicide: Roundup, 2,4-D, Flexstar GT	Acreage: 3.3010
Insecticide: Warrior	Tillage: Conventional
Fungicide: Priaxor	Yield/Acre: 100.93
Fertility: 46# P ₂ O ₅ , 90# K ₂ O	

FLATLICK GRAIN FARMS

Planted: 4/6/2020
Brand: **AgriGold G3520RX**
Herbicide: 48 oz. Roundup, 1 pt. 2,4-D, 5 oz. Leadoff, 1 qt. Prefix,
4.3 Weatherguard Complete, 22 oz. Roundup Strikeforce,
4.3 oz. Strikforce
Insecticide: 8 oz. Match-up, 2 oz. Reveal Endurex
Fungicide: 13.5 oz. Miravis Top
Fertility: 1 qt. V-Agri, 2 oz. Radiate, 125# Mes10,
16 oz. Borosol 10, 3 qts. Ren-Enforce, 150# K

Harvested: 9/23/2020
Moisture: 14.5
Acreage: 4.608
Tillage: Conventional
Yield/Acre: 100.31

O'BRYAN GRAIN FARMS

Planted: 4/2/2020
Brand: **Pioneer 36A83X**
Herbicide: Roundup Ready Xtend, Glyphosate, 2,4-D, Prefix
Insecticide: Hero
Fungicide: Quadris Top SBX
Fertility: 2 tons Swine Compost

Harvested: 9/23/2020
Moisture: 13.3
Acreage: 3.6480
Tillage: Conventional
Yield/Acre: 98.73

GOETZ BROTHERS FARM

Planted: 4/4/2020
Brand: **Asgrow 36X6**
Herbicide: 56 oz. Roundup, 6 oz. Zidua Pro, 32 oz. Prefix
Insecticide: Tombstone
Fungicide: Miravis Top
Fertility: 7.5# N, 45# P₂O₅, 45# K₂O

Harvested: 10/1/2020
Moisture: 12.6
Acreage: 3.3920
Tillage: Conventional
Yield/Acre: 98.23

KNOTT FARMS

Planted: 3/3/2020
Brand: **AgriGold 3722**
Herbicide: Roundup, Dicamba, Reflex, Zidua
Insecticide: None
Fungicide: Priaxor
Fertility: None

Harvested: 9/19/2020
Moisture: 15.1
Acreage: 3.2500
Tillage: Conventional
Yield/Acre: 96.09

TANNER STROUP

Planted: 4/19/2020
Brand: **Croplan 3850X**
Herbicide: Verdict, Zidua, Roundup, Engenia
Insecticide: Tundra
Fungicide: None
Fertility: 300# P₂O₅, 70# K₂O

Harvested: 10/5/2020
Moisture: 13.2
Acreage: 3.1410
Tillage: No-Till
Yield/Acre: 93.81

SPARKS FARMS

Planted: 4/7/2020
Brand: **Asgrow 36X6**
Herbicide: 6 oz. Verdict, 1.2 qts. Boundary, 32 oz. Roundup, 3.5 pts. Flexstar
Insecticide: 4 oz. Hero
Fungicide: 13.7 oz. Miravis Top, 3.5 oz. Endigo
Fertility: none

Harvested: 10/2/2020
Moisture: 12.2
Acreage: 3.331
Tillage: No-Till
Yield/Acre: 91.6

TANNER STROUP

Planted: 4/19/2020
Brand: **Croplan 3850X**
Herbicide: Verdict, Zindua, Roundup, Engenia
Insecticide: Tundra
Fungicide: Miravis Top
Fertility: 300# P₂O₅, 70# K₂O

Harvested: 10/5/2020
Moisture: 13.2
Acreage: 3.3350
Tillage: No-Till
Yield/Acre: 90.55

OLD LYNDANNE FARMS

Planted: 4/9/2020
Brand: **NK 3.9E3**
Herbicide: 64 oz. Roundup, 8 oz. 2,4-D, 6 oz. Zidua Pro, 32 oz. Liberty, 12.8 oz. Outlook
Insecticide: 4 oz. Hero
Fungicide: 5 oz. Top Guard EQ
Fertility: 16 oz. B

Harvested: 11/9/2020
Moisture: 12.3
Acreage: 4.9492
Tillage: Conventional
Yield/Acre: 89.01

FLATLICK GRAIN FARMS

Planted: 3/28/2020
Brand: **DynaGro 848XT56**
Herbicide: 48 oz. Roundup, 1 pt. 2,4-D, 5 oz. Leadoff, 1 qt. Prefix
Insecticide: 8 oz. Match-up, 2 oz. Reveal Endurex
Fungicide: 13.5 oz. Miravis Top
Fertility: 1 qt. V-Agri, 2 oz. Radiate, 16 oz. Borosol,

Harvested: 10/14/2020
Moisture: 13.8
Acreage: 3.27
Tillage: Conventional
Yield/Acre: 88.32

PPJ THOMPSON FARMS

Planted:	4/1/2020	Harvested:	10/9/2020
Brand:	Stewart 4228 R2X	Moisture:	13.5
Herbicide:	Roundup, Zidua Pro, 2,4-D, Dual	Acreage:	3.2200
Insecticide:	None	Tillage:	No-Till
Fungicide:	None	Yield/Acre:	86.15
Fertility:	None		

KEN-MAUR FARMS

Planted:	4/21/2020	Harvested:	10/2/2020
Brand:	Agrigold 3722	Moisture:	12.8
Herbicide:	Anthem Max, Roundup, Zidua, Ringside	Acreage:	3.5800
Insecticide:	Lambda T2, Bifenthrin	Tillage:	Conventional
Fungicide:	Propistar, Priaxor	Yield/Acre:	85.77
Fertility:	None		

KEN-MAUR FARMS

Planted:	4/21/2020	Harvested:	10/2/2020
Brand:	Agrigold 3722	Moisture:	12.5
Herbicide:	Anthem Max, Roundup, Zidua, Ringside	Acreage:	3.3030
Insecticide:	None	Tillage:	Conventional
Fungicide:	None	Yield/Acre:	83.94
Fertility:	None		

PPJ THOMPSON FARMS

Planted:	4/1/2020	Harvested:	10/9/2020
Brand:	Pioneer 39A58X	Moisture:	13.4
Herbicide:	Roundup, Zidua Pro, 2,4-D, Dual	Acreage:	3.1160
Insecticide:	None	Tillage:	No-Till
Fungicide:	None	Yield/Acre:	83.7
Fertility:	None		

DARRELL HAGAN

Planted:	4/6/2020	Harvested:	10/5/2020
Brand:	Croplan CP6630X	Moisture:	14.0
Herbicide:	28 oz. Roundup, 2 pts. Prefix	Acreage:	3.8000
Insecticide:	3.2 oz. Tundra	Tillage:	
Fungicide:	5 oz. Priaxor, 5 oz. Tilt	Yield/Acre:	83.68
Fertility:	3 Tons Chicken Litter		

COLE HAMILTON FARMS

Planted: 6/2/2020
Brand: **NK 37-A4X**
Herbicide: Detonate, Roundup, Anthem Max, Engenia
Insecticide: Grizzly Two
Fungicide: Miravis Top
Fertility: 200# K₂O

Harvested: 10/23/2020
Moisture: 13.5
Acreage: 3.0120
Tillage: Conventional
Yield/Acre: 83.3

TIM AND JESSE HORN

Planted: 4/16/2020
Brand: **Beck's 3789X2**
Herbicide: Roundup, AMS, Engenia, Zidua
Insecticide: Tundra Supreme
Fungicide: Topguard EQ
Fertility: 12#N, 30# P₂O₅, 80# K₂O

Harvested: 9/18/2020
Moisture: 13.2
Acreage: 4.4600
Tillage: No-Till
Yield/Acre: 82.7

DIVISION II - Double Crop

GOETZ BROTHERS FARMS

Planted: 6/30/2020
Brand: **Asgrow A42X9**
Herbicide: 32 oz. Roundup
Insecticide: Tombstone
Fungicide: Miravis Top
Fertility: 7.5# N, 45# P₂O₅, 45# K₂O

Harvested: 10/22/2020
Moisture: 14.8
Acreage: 3.3902
Tillage: No-Till
Yield/Acre: 79.53

PPJ THOMPSON FARMS

Planted: 6/26/2020
Brand: **Pioneer P42A96X**
Herbicide: 1 qt. Roundup, 3 oz. Zidua Pro
Insecticide: None
Fungicide: None
Fertility: None

Harvested: 11/9/2020
Moisture: 10.6
Acreage: 10.639
Tillage: Conventional
Yield/Acre: 45.36

Table 4. 2020 Kentucky Soybean Variety Performance Tests, State Summary - Recommended Table

BRAND VARIETY	YIELD (BU/AC) ^{A/B}			LODGING	Technologies
	2020	2019-2020	2018-2020	2020	
MATURITY GROUP II (relative MG 2.0-2.9)					
ASGROW AG29X9	62.3	61.1		1.6	RR2X
AGRIGOLD G2900RX	60.2	60.9	55.9	2.1	Xtend
GROUP II AVERAGE	61.2	61.0	55.9	1.9	
LSD (0.10)	4.3	2.6			
C.V.	5.0	4.5			
MATURITY GROUP III (relative MG 3.0-3.9)					
DYNA-GRO S38XS21	71.1			2.1	XT/STS
DYNA-GRO S39EN19	70.6	70.3		1.6	E3
STINE 39EA02	70.4	68.8		1.7	E3
ARMOR 39-D30	70.3			3.4	RRX
ASGROW AG37X9	70.3	70.3	65.9	2.4	RR2X
PIONEER P36A83X	70.1			1.7	RR2X
LSX3911GL	70.1			2.4	LLGT27
LS3976X	69.8	70.3		2.6	Xtend
STEWART 3830R2X	69.6	69.6		1.8	RR2/Xtend
STEWART 3628R2X	69.5	67.1		2.2	RR2/Xtend
AGRIGOLD G3850RX	69.4	67.3		2.4	Xtend
SEED CONSULTANTS SC 7381E™	69.2			1.4	E3
39N04E	68.8			1.3	E3
SEED CONSULTANTS SC 3399L™	68.6	71.0		2.7	LL
B390EE	68.5			1.5	Enlist/LL/RR2
ASGROW AG39X0	68.2	69.6		2.3	RR2X
AGRIGOLD G3722RX	68.1	69.0	64.8	2.7	Xtend
PIONEER P39A58X	68.0			1.7	RR2X
AGRIGOLD G3620RX	67.5	67.7		1.9	Xtend
ASGROW AG36X6	67.4			1.9	RR2X
ASGROW AG38X8	67.4	67.7	64.4	1.7	RR2X
ZS3898E3S	67.1			1.9	Enlist/STS
LG SEEDS LGS3840RX	67.0			1.8	Xtend - STS
GO SOY 38E21S	67.0			1.5	Enlist/STS
ASGROW AG39X7	66.9	67.9	64.4	1.7	RR2X/SR
CAVERNDALE CF 383 E3 STSn	66.8			1.2	E3
LG SEEDS LGS3733RX	66.7			2.4	Xtend - STS
39N05E	66.6			1.6	E3
B389EE	66.5			1.7	Enlist/LL/RR2
LG SEEDS LGS3600RX	66.2			1.8	Xtend - STS
ASGROW AG33X0	65.5			2.0	RR2X
36N03E	65.5			1.3	E3
DYNA-GRO S3961STS	65.0			1.5	CONV
SEED CONSULTANTS SC 8399X™	64.8	66.9	64.9	2.4	X
PIONEER P33A53X	64.6	65.2		1.4	RR2X
CHANNEL 3821R2X/SR	64.4			2.5	RR2/Xtend/SR
PIONEER P31A22X	62.9	62.9		3.4	RR2X
SEED CONSULTANTS SCS 9393RR™	62.9	66.4	63.3	1.4	R2Y
GROUP III AVERAGE	67.6	68.1	64.6	2.0	
LSD (0.10)	4.2	2.9	2.3		
C.V.	4.7	4.5	4.5		

MATURITY GROUP IV EARLY (relative MG 4.0-4.5)

43N04E	74.6			2.0	E3
AGRIGOLD G4255RX	72.6			2.1	Xtend
DYNA-GRO S45ES10	72.5			2.0	E3/STS
STINE 41EB32	72.5			2.0	E3
DM 45X61	72.4			3.0	RR2X
LG SEEDS LGS4464RX	72.1			2.1	Xtend - STS
ARMOR 44-D49	72.1			3.2	RRX
STEWART 4527R2X	71.6	72.4	70.6	2.2	RR2/Xtend/SR
PROGENY 4444 RXS	71.5	69.1	66.4	3.0	Xtend/STS
ARMOR 44-E44	71.2			1.9	E3
AGRIGOLD G4318RX	71.0			2.6	Xtend
DYNA-GRO S41XS98	71.0	70.1	67.5	1.9	XT/STS
USG 7447XTS	70.9			2.3	RR2X
ASGROW AG43X0	70.8	71.6		1.9	RR2X/SR
HS 41X70	70.5			2.0	Xtend
CHANNEL 4519R2X/SR	70.4	70.9		2.0	RR2/Xtend/SR
MISSION A4448X	70.4			2.4	RR2/Xtend/STS
ARMOR 44-D92	70.3	71.3		2.1	RRXS
STEWART 4228R2X	70.2	69.7	66.7	2.1	RR2/Xtend/SR
DYNA-GRO S43XS70	70.2	69.7		2.1	XT/STS
SEED CONSULTANTS SC 7421™	70.1			2.2	E3
B400EE	70.1			1.4	Enlist/LL/RR2
B430EE	70.1			2.7	Enlist/LL/RR2
45N04E	70.0			1.9	E3
STINE 40EB22	69.9			2.1	E3
PROGENY 4505 RXS	69.9			3.0	Xtend/STS
PROGENY 4265 RXS	69.6	70.0		2.1	Xtend/STS
LS4299XS	69.6	70.7		2.1	Xtend/STS
LS4583X	69.6	68.1		2.1	Xtend
ARMOR 44-D19	69.5			2.3	RRX
DYNA-GRO S41ES80	69.5			1.8	E3/STS
AGRIGOLD G4190RX	69.4			2.0	Xtend
41N03E	69.4			1.5	E3
CAVERNDAL CF 423 E3 STSn	69.4			1.8	E3
GO SOY 433E21	69.2			3.3	Enlist
PROGENY 4241 E3	69.2			1.4	Enlist
DYNA-GRO S43EN61	69.1			2.1	E3
V 4520 S	69.1			2.0	CONV
CHANNEL 4218R2X/SR	69.0	69.4	65.5	2.0	RR2/Xtend/SR
CZ 4241GTLL	68.9			1.8	LLGT27
HS 45E00	68.9			1.7	E3
B450EE	68.8			1.7	Enlist/LL/RR2/STS
LS4565XS	68.7	69.1		2.7	Xtend/STS
V 4220 S	68.6			2.4	CONV
TAYLOR SEED T4400XS	68.3			2.2	Xtend
PIONEER P44A72BX	68.2	68.9	67.0	2.3	RR2X/STS
CZ 4240GTLL	68.1			1.1	LLGT27
B420EE	68.0			2.5	Enlist/LL/RR2
ARMOR 42-E11	67.8			2.3	E3
DM 40X61	67.7			2.3	RR2X
CAVERNDAL CF 453 E3	67.4			2.8	E3
PIONEER P42A96X	67.4	69.0	68.3	1.6	RR2X
GO SOY 41C19	67.3			2.4	Conventional

MATURITY GROUP IV EARLY (relative MG 4.0-4.5) Cont.

HS 43E00	66.9			2.3	E3
LS4407X	66.7	67.2		2.6	Xtend
AGS GS42X19S	66.5	64.5		1.7	Xtend STS
BLUE RIVER 41DC8	65.7			1.4	Feed
STEWART 4029R2X	64.7	66.6		1.9	RR2/Xtend
ASGROW AG42X9	63.7	66.3	63.8	2.6	RR2X
UNIVERSITY OF MISSOURI S15-5904RY	58.4			2.6	R2Y

GROUP IV EARLY AVERAGE

	69.3	69.2	67.0	2.2	
LSD (0.10)	5.4	3.4	2.7		
C.V.	5.9	5.2	5.0		

MATURITY GROUP IV LATE (relative MG 4.6-4.9)

B460EE	70.8			2.6	Enlist/LL/RR2
LG SEEDS LGS4632RX	70.5			2.8	Xtend - STS
USG 7461XTS	70.5			2.6	RR2X
USG 7489XT	70.5			1.4	RR2X
HS 46X90	70.4	68.6		1.7	Xtend
HS 49X60	70.3	68.1	65.8	1.9	Xtend
ARMOR 48-D25	70.2	69.3		1.8	RRXS
LS4795XS	70.2	67.1		1.7	Xtend/STS
PIONEER P46A86X	70.1			2.4	RR2X
PIONEER P48A60X	70.0	70.8	68.7	2.5	RR2X
PROGENY 4816 RX	69.9	68.7	67.0	1.7	Xtend
MISSION A4618X	69.7			2.4	RR2/Xtend/STS
LG SEEDS LGS4899RX	69.6	68.9		1.7	Xtend - STS
ASGROW AG46X0	68.9	66.4		1.9	RR2X/SR
46N02E	68.8			1.8	E3
DYNA-GRO S48XT90	68.8			2.8	XTEND
LSX4812XS	68.8			1.6	Xtend/STS
B470EE	68.7			2.2	Enlist/LL/RR2
LS4999X	68.6	66.0		2.1	Xtend
PROGENY 4807 E3S	68.5			3.5	Enlist/STS
USG 7496XTS	68.5	67.0	64.6	2.4	RR2X
BLUE RIVER e4993	68.5	65.8		2.5	Feed
ARMOR 46-E50	68.4			1.7	E3
AGRIGOLD G4620RX	68.3			1.9	Xtend
HS 48E00	68.3			2.9	E3
STEWART 4907R2X	68.1			2.3	RR2/Xtend/SR
PROGENY 4775 E3S	67.9			1.8	Enlist/STS
DYNA-GRO S46XS60	67.9	68.4		1.8	XT/STS
ARMOR 47-E02	67.8			2.0	E3
PROGENY 4700 RXS	67.8			3.0	Xtend/STS
BLUE RIVER 49CK9	67.7			2.0	Feed
DYNA-GRO S48XT56	67.7	67.7	64.5	1.6	XTEND
ASGROW AG48X7	67.7			2.0	RR2X/SR
TAYLOR SEED T4990XS XTEND	67.4			2.1	Xtend
DYNA-GRO S46ES91	67.4			2.0	E3/STS
V 4921 S	67.3			2.1	CONV
ARMOR 46-D09	67.2	66.1		2.1	RRXS
TAYLOR SEED T4641ES	67.1			2.0	E3
TAYLOR SEED T4880X XTEND	67.1			1.4	Xtend
DYNA-GRO S4751STS	67.1			2.0	CONV

MATURITY GROUP IV LATE (relative MG 4.6-4.9) Cont.

MISSION A4950X	67.0			2.7	RR2/Xtend
PROGENY 4821 RX	66.8	65.9		2.1	Xtend
LSX4612XS	66.8			2.6	Xtend/STS
ASGROW AG48X9	66.6	67.2	65.9	1.6	RR2X/SR
PROGENY 4851 RX	66.5			3.9	Xtend
ARMOR 49-D14	66.4			2.9	RRX
AGS GS47X19	66.3			2.4	Xtend
DYNA-GRO S46XT80	65.9	66.9		2.4	XTEND
ASGROW AG47X9	65.8	67.6	66.0	1.8	RR2X
CZ 4770X	65.6			2.3	Xtend
MISSION A4828X	65.4			3.1	RR2/Xtend/STS
PROGENY 4970 RX	65.3			2.6	Xtend
USG 7470XT	65.2	65.9		2.4	RR2X
GO SOY 48C17S	65.2	62.2		3.4	Conventional/STS
CZ 4810X	65.1			2.6	Xtend
GO SOY 481E19	65.0			1.9	Enlist
PROGENY 4620 RXS	64.9	65.3	63.3	3.4	Xtend/STS
PROGENY 4902 E3	64.7			3.0	Enlist
STINE 46EB22	64.7			1.9	E3
DM 48E73	64.4			1.7	Enlist
PROGENY 4682 E3	64.3			2.3	Enlist
UNIVERSITY OF MISSOURI S16-14730C	64.3			2.4	CONV
ARMOR 48-E81	64.2			3.5	E3
CZ 4730X	64.1			2.1	Xtend
DM 49X13	63.9			2.5	RR2X
LSX4711GL	63.7			1.7	LLGT27
GO SOY 463E20S	63.4			2.3	Enlist/STS
PROGENY 4602 LR	63.2			2.0	Liberty Link GT27
UNIVERSITY OF MISSOURI S15-3772RY	62.8			2.2	R2Y
UNIVERSITY OF MISSOURI S16-14379C	62.8			2.1	CONV
CAVERNDAL CF 473 E3 STSn	62.6			2.0	E3
UNIVERSITY OF MISSOURI S16-7922C	62.5			4.6	CONV
CAVERNDAL CF 461 LL/GT27/STSn	62.5			2.8	GTLL27
STINE 48EB02	62.2			2.4	E3
UNIVERSITY OF MISSOURI S16-7875C	61.5			4.6	CONV
UNIVERSITY OF MISSOURI S16-5540R	61.2			4.6	RR1
PROGENY 4908 E3S	59.5			2.1	Enlist/STS
UNIVERSITY OF MISSOURI S15-3847R	59.4			3.4	RR1
UNIVERSITY OF MISSOURI S16-11644C	59.1			4.6	CONV
PENNYRILE (long term check-released 1987)	49.7	50.3	48.0	2.5	CONV-PUB
GROUP IV LATE AVERAGE	66.2	66.4	63.8	2.4	
LSD (0.10)	4.3	3.0	2.4		
C.V.	4.9	4.8	4.7		

MATURITY GROUP V (relative MG 5.0-5.9)

ARMOR 50-D50	67.2			2.5	RRX
LS5009XS	65.9			2.6	Xtend/STS
PROGENY 5170 RX	65.7	67.9		2.8	Xtend
PROGENY 5211 E3	65.5			2.3	Enlist
PROGENY 5016 RXS	64.9	66.8	65.7	2.3	Xtend/STS
LS5386X	64.8			1.7	Xtend
ARMOR 51-E53	64.8			2.6	E3
LS5087X	64.5	64.3		2.7	Xtend
UNIVERSITY OF MISSOURI S16-15170C	63.2			1.9	CONV
ZS5098E3	61.5			2.5	Enlist
PROGENY 5252 RX	60.3	62.9	60.2	2.2	Xtend
UNIVERSITY OF MISSOURI S16-3739RY	60.2			4.2	R2Y
UNIVERSITY OF MISSOURI S16-11651C	58.5			4.1	CONV
UNIVERSITY OF MISSOURI S16-3747R	58.3			4.0	R2Y
UNIVERSITY OF MISSOURI S16-15809C	57.7			4.0	CONV
ESSEX (long term check-released 1974)	55.6	57.6	54.7	3.2	CONV-PUB
GROUP V AVERAGE	62.4	63.9	60.2	2.9	
LSD (0.10)	4.8	3.0	2.3		
C.V.	5.7	5.0	4.7		

^A Within a maturity group, shaded yield are not significantly different (0.10) from the highest yielding cultivar (bold) of that maturity group and year column.

^B The 2020 yield data were collected at the Allen Co., Caldwell Co., Calloway Co., Christian Co., Cumberland Co., Fayette Co., Hancock Co., Muhlenberg Co., and Meade Co. test sites. The 2019 yield data were collected in Allen Co. (except for the Maturity Group II - no data), Caldwell Co., Calloway Co., Christian Co., Cumberland Co., Fayette Co., Meade Co., and McLean Co. The 2018 yield data were collected at the Caldwell Co., Calloway Co., Fayette Co., Henderson Co., Logan Co., and Meade Co. locations.

^C The 2018-2020 oil and protein samples were collected at the Caldwell Co., Calloway Co., and Fayette Co. test sites.

KENTUCKY EXTENSION WHEAT PRODUCTION CONTEST

DAVIESS COUNTY ENTRIES

PPJ THOMPSON FARMS

Planted:	10/10/2029	Harvested:	6/25/2020
Brand:	Agrimax 438	Moisture:	14.0
Herbicide:	.5 oz. Harmony Xtra	Acreage:	3.8400
Insecticide:	1.5 oz. Lambda T	Tillage:	No-Till
Fungicide:	10 oz. Caramba	Yield/Acre:	97.18
Fertility:	100# N, 2 ton Turkey Litter, 1 qt. Crop Care		



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Food and Environment
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DAVIESS COUNTY

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LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.