

Daviess County 2019

Research and Demonstration Plots



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



Cooperative Extension Service
Daviess County
4800A New Hartford Road
Owensboro, Kentucky 42303
270-685-8480

Daviess County Research and Demonstration Plots For the 2019 Growing Season

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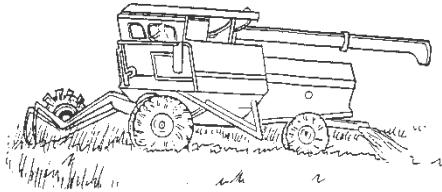
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Thank You

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 Tyler Miller, Adult Vocational Agriculture Instructor, Philip Anderson of Stanley Crop Service, Jordan Seaton of Crop Production Services, Philip Ebelhar of Southern States, 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
Aaron Walker Farms
Strode Farms

SOYBEAN

Gerald & Joel Boswell Farms
Don & Brian Cecil Farms
Paul Hancock
Marty Mitchell
Brian Neltner
PPJ Thompson Farms
Aaron Walker Farms

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.

2019 KING CORN

GROWER	BRAND / HYBRID	ACREAGE	YLD/AC
McKay Farms	DeKalb DKC67-44	1.2576	324.09

KING CORN HISTORY

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
2011	PPJ Thompson Farms	Pioneer P1745HR	1.5823	257.78

2019 BOSS BEAN

GROWER	VARIETY	ACREAGE	YLD/AC
Fischer Cross Creek Farms	AgriGold 3722	3.1560	101.77

BOSS BEAN HISTORY

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	Fischer Cross Creek Farms	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	Fischer Cross Creek Farms	Dyna-Gro 37P37	3.895	91.82
2011	Castlen Brothers Farms	Pioneer 94Y22	3.7240	79.84

2019 ELITE WHEAT

GROWER	VARIETY	ACREAGE	YLD/AC
Jeff Coke	Pioneer 25R50	5.87	114.73

ELITE WHEAT HISTORY

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
2011	Neil Rudy Farms	Syngenta Branson	3.7800	105.82

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.

COUNTYWIDE 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 readers to gauge the dry-down ability of the hybrids, we have included the maturity days of each one.

COUNTYWIDE ROUNDUP READY CORN PLOT PLAN:

<u>Brand/Hybrid</u>	<u>Days to Maturity</u>
Check: DeKalb DKC67-44RIB	117
Croplan 5073SS/RIB	110
Pioneer P1138AM	111
Beck's 6274V2P	112
DeKalb DKC62-53RIB	112
Stewart 17DP387	112
NuTech 5FB-2213AM	113
AgriGold A6544VT2RIB	113
NK NK1354-322-EZ1	113
Seed Consultants SCS1139AM	113
AgriGold A644-32TRCRIB	114
Pioneer P1464AML	114
DeKalb DKC64-35RIB	114
Dyna-Gro D54VC14	114
Stewart 14DD339	114
NK NK1573-333-EZ1	115
Beck's 6589V2P	115
Croplan 5678VT2/RIB	116
Dyna-Gro D58VC65	118

COUNTYWIDE NON-GMO YELLOW CORN PLOT PLAN:

<u>Brand/Hybrid</u>	<u>Days to Maturity</u>
Check: Stewart 17CV387	117
NuTech OA-308	108
Beck's 6274PQ AgriGold	112
A6499	112
Dyna-Gro D52CC91 AgriGold	112
A6572	114
Dyna-Gro D54CC52 Partners	114
Brand PB11406 Beck's	114
6589PQ	115
NuTech OAN-7215	115

EARLY MATURITY SOYBEANS		MID MATURITY SOYBEANS	
<u>2.6 - 3.2 Varieties</u>	<u>Maturity</u>	<u>3.3 - 3.7 Varieties</u>	<u>Maturity</u>
Seed Consultants SC8279X	2.7	Croplan RX3360	3.3
Beck's 2899X2	2.8	Beck's 3353X2	3.3
Dyna-Gro S28XT58	2.8	Pioneer P33A53X	3.3
NK S29-K3X	2.9	Dyna-Gro S35XT97	3.5
Asgrow AG29X9	2.9	NK S35-K9X	3.5
Channel 2918R2X	2.9	Seed Consultants SC8358X	3.5
AgriGold G2900RX	2.9	Channel 3519R2X	3.5
Stewart 2949R2X	2.9	AgriGold G3520RX	3.5
Beck's 3091X2	3.0	Stewart 3527R2X	3.5
NK S31-Y2X	3.1	NuTech 7352X	3.5
Dyna-Gro S31XT59	3.1	Croplan RX3660	3.6
Asgrow AG31XO	3.1	Stewart 3628R2X	3.6
Pioneer P31A22X	3.1	Dyna-Gro S37XS89	3.7
Channel 3220R2X	3.2	NK S37.A4X	3.7
Stewart 3229R2X	3.2	Asgrow AG37X9	3.7
		Seed Consultants SC8379X	3.7
		Channel 3718R2X	3.7
		AgriGold G3722RX	3.7
		Beck's 3789X2	3.7
LATE MATURITY SOYBEANS		LIBERTY LINK SOYBEANS	
<u>3.8 – 4.9 Varieties</u>	<u>Maturity</u>	<u>Varieties</u>	<u>Maturity</u>
NuTech 38N02X	3.8	Credenz CZ3519GTLL	3.5
Stewart 4029R2X	4.0	Dyna-Gro S37EN39	3.7
AgriGold G4190RX	4.1	Seed Consultants C3374LL	3.7
Beck's 4119X2	4.1	NuTech 38N04L	3.8
Asgrow AG42X9	4.2	Pioneer P38A49L	3.8
Channel 4218R2X/SR	4.2	Beck's 394L4	3.9
Pioneer P42A96X	4.2	Credenz CZ3929GTLL	3.9
Stewart 4228R2X	4.2	NK S39-LLGT27	3.9
Dyna-Gro S43XS70	4.3	Dyna-Gro S42EN89	4.2
NK S44-C7X	4.4	NK S42-LLGT27	4.2
Seed Consultants SC8459X	4.5	Beck's 424L4	4.2
Channel 4519R2X/SR	4.5	Pioneer P44A37L	4.4
NuTech 7450X	4.5		
Asgrow AG46X0	4.6		
Pioneer 46A57BX	4.6		
NK S47-Y9X	4.7		
Dyna-Gro S48XT56	4.8		
Beck's 4991X2	4.9		
AgriGold G5000RX	5.0		

2019 Crop Year in Review

Clint Hardy

Extension Agent for Agriculture and Natural Resources Education – Daviess County

We live in a land of four seasons, but the weather within each one can vary greatly year to year. Daviess and surrounding counties have encountered growing season weather the past several years which produced both challenges and good yields. 2019 produced both again, but generally yields were lower than in recent years and more work was required to accomplish them.

While not the yield of 2017, Daviess County crop in 2018 ended as one of the top three in recent years. Storage was filled to capacity as the local basis widened to levels typical in the western Corn Belt. Grain moved from storage to market in January as mild weather and sunny skies carried most of the month. The mild weather did create mud challenges as temperatures only allowed shallow soil freezing and early daytime thaw. The coldest week of the month and one of the only school closure days came on the last Wednesday, the day of Ag Expo. The morning began with frigid temperatures, high winds, and blowing snow, resulting in a large crowd as grain trucks parked for the day and kids were out of school.

February was typical. Cold and wet carried most of the month, with rains pushing the rivers high causing some low land flooding along Panther Creek late in the month. Hemp was the talk of the town in late winter. The 2018 Farm Bill allowed producers to grow unlimited quantities of hemp in all states, leading to many phone calls and questions about the opportunity to grow in 2019. Many farms enrolled and, according to KDA, over 30 Daviess County farms planted nearly 400 acres of hemp in 2019. It has been exciting to watch this new crop enterprise throughout the growing season. The next few years will determine how much hemp supply is needed to meet consumer demand.

Despite cool temperatures, March provided some days for fieldwork as early ammonia and herbicide application began. Greenhouse tobacco seeding was finished by mid-month as many chose to continue production. Burley tobacco revenues have been lower in recent years, but with the weak profit potential in grain, farms are continuing tobacco for diversification. A few farms took advantage of sunshine and drying soils to plant soybeans later in March with the goal of increasing pod count numbers through maximum sunlight utilization. The results were satisfying as the fall harvest revealed high yields on many of the March-planted acres.

April arrived and didn't allow much time for work; it was too busy raining. A few farms planted corn early in the month before most were willing to start. The remainder was weeks of wet soils and cool air, allowing some drying and activity between rain events. In general, little work was done in the month and people were becoming quite impatient to get started. Across the mid-West, planting delays were occurring, and the market began to respond. In the last few days of the month, warm air arrived and allowed some planting to begin. But in general, Daviess County and the rest of the mid-west had accepted that 2019 was going to be a late spring.

May continued a drying pattern and, like most years, much of Daviess County soybeans and corn were planted in the first three weeks. Activities continued with scattered showers but no rain capable of stopping the whole county. Planters were still stopped up north, providing one of the only corn price rallies of the season. Thousands of acres of corn above normal for our county were planted following three years of heavy soybeans. May was favorable, and it seemed like everyone finished planting corn and then planted another farm or two for good measure. Corn was finished by the end of the month when states to the north were just beginning to plant. A few were reserved from selling during the rally with the expectation the northern states wouldn't succeed in finishing the crop before frost. This theory would later prove to be wrong. May ended with a bang as a severe storm and a suspected tornado moved from Henderson County across St. Joe and West Louisville on Memorial Day weekend. Despite the determination of no tornado, only wind, a path of building and tree destruction lay in its wake. Sunshine returned bringing the county into summer.

June began with soil moisture and warm growing season air. Corn was growing rapidly in the field, and people were excited about all crops in general. Rainfall in mid-month was rapidly absorbed by growing crops. Wheat matured, but double crop bean planting was made difficult. Crops that benefited from rain early in the month began to yellow when heavy rain swamped the county in the last week. Low lying fields and those with poorly drained soils suffered yield loss as saturation continued into the first week of July. Rains in the north had risen river levels, pushing backwater into the bottoms, forcing people to pump ditches behind levees or simply watch water consume what was good potential. A storm on June 30 delivered additional water and wind that would greensnap corn across Daviess County.

The creeks receded and some managed to salvage their corn or replant in soybeans in the first week or two of July. By now, upland corn was tasseling and with the wet environment, most chose to apply a fungicide to their corn. The market still indicated the possibility of a late-summer rally, and yield potential seemed strong for crop that had escaped the drowning effect of wetter soil types. Tobacco stood pretty well through the wet period, but some fields were irregular, requiring multiple topping cycles to even it up. Most of the hemp was planted in late June or July, with farms using the tomato raised bed and plastic mulch method. Preparing the fields mid-summer helped avoid severe weed pressure and most fields grew out well.

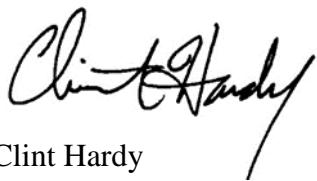
August delivered drying conditions after a very wet summer. The largest rain event came on the morning August 13, dumping 2" and providing muddy tobacco for those who left some out on the 20% rain chance. The next week had rain chances that created a pause in tobacco harvest but did not result in much rain. The weather fared but heat remained throughout the month, which helped late soybeans.

September continued extreme heat and dry conditions. Corn was rapidly drying but, with much of the crop so late, heavy corn harvest didn't initiate until the second week. As always, the first crop yield reports were exciting, and in general, the crop was good on upland well-drained soils. As people moved to lower, wetter soil types the yield reduced substantially. Soybean harvest started in the fourth week with yields similar to corn. There were outstanding yields, and there were average yields, much determined by the

water effect from June. September 2019 would become the driest in our history and the grain moisture reflected the record. By the fourth week, grain harvest moisture had fallen far below the government minimum for corn and soybeans, continuing until a small but blessing rain fell October 7.

October provided a little rain that was beneficial following September. Moisture didn't return to unharvested corn, but soybeans retained moisture as some fogs and night air kept them from drying out further. Crop harvest was all but finished county-wide by November, with storage filled with unpriced grain. The August Crop condition report killed the hope of a fall corn market rally, and despite a one-day rally due to trade conversation, the needle hasn't moved.

Going forward, much pertaining to the profitability of United States grain production hangs in the balance of international trade policy and domestic ethanol policy. Decisions being made are reducing the demand for a tremendous inventory of domestic corn and soybeans. The RFS blend must be maintained at high levels or corn demand for ethanol is going to continue to decline. On the other hand, China soybean demand will rebound as they replenish their hog numbers. It is critical that their tariffs are addressed to make our price competitive with South America.



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

**2019 DAVIESS COUNTY COUNTYWIDE ROUNDUP CORN COMPOSITE
19 BRANDS / HYBRIDS • 10 COMPANIES**

BRAND / HYBRID	CECIL FARMS	FLATLICK GRAIN FARMS LLC	GOETZ BROTHERS FARMS	KEVIN & CLINT HARDY FARMS	BREY FARMS	BOSWELL FARMS	WALKER FARMS	HYBRID FARMS	AVERAGE	RANK
1. Croplan 5073SS/RIB	240.3	232.7	213.1	242.0	253.3	220.8	171.0	224.7	12	
2. Pioneer P1138AM	232.3	214.1	241.7	251.0	231.0	236.6	204.5	230.2	10	
3. Beck's 6274V2P	239.9	245.8	247.4	249.6	247.2	216.5	199.4	235.1	7	
4. DeKalb DKC62-53RIB	227.6	251.8	239.2	258.2	241.7	222.5	202.8	234.8	8	
5. Stewart 17DP387	273.6	51.5	238.3	219.9	231.7	218.7	236.0	210.0	19	
6. NuTech 5FB-2213AM	214.9	278.8	207.2	243.1	227.1	191.5	211.6	224.9	11	
7. DeKalb DKC67-44RIB (CHECK)	281.4	173.4	258.5	243.0	255.9	238.3	204.3	236.4	6	
8. AgriGold A6544VT2RIB	241.2	303.5	240.5	275.2	247.5	221.3	220.2	249.9	1	
9. NK NK1354-322-EZ1	207.6	228.2	226.4	242.8	225.8	215.4	183.8	218.6	16	
10. Seed Consultants SCS1139AM	231.3	227.1	218.1	233.6	226.9	214.6	207.5	222.7	13	
11. AgriGold A644-32TRCRIB	241.5	177.7	233.0	249.4	211.9	210.1	221.8	220.8	15	
12. Pioneer P1464AML	279.5	220.6	242.5	249.3	235.1	250.9	232.7	244.4	3	
13. DeKalb DKC64-35RIB	239.5	120.4	232.2	243.2	230.9	228.4	209.5	214.9	18	
14. Dyna-Gro D54VC14	234.8	236.8	210.1	256.0	220.4	215.5	175.7	221.3	14	
15. Stewart 14DD339	249.2	221.0	262.8	253.5	259.0	251.4	218.8	245.1	2	
16. NK NK1573-333-EZ1	227.1	222.4	222.9	241.9	236.6	216.0	145.2	216.0	17	
17. Becks 6589V2P	253.2	211.0	208.9	249.1	246.1	206.8	238.7	230.5	9	
18. Croplan 5678VT2/RIB	262.4	199.9	235.9	260.5	262.4	217.2	223.2	237.4	5	
19. Dyna-Gro D58VC65	274.7	211.1	225.5	251.3	252.4	222.3	243.7	240.1	4	

2019 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 30, 2019
Harvest Date: September 9, 2019
Planting Population: 32,000
Herbicides: 1.25 qts. Acuron, 32 oz. Gramoxone, 12 oz. 2,4-D 6-LV
Fungicides: None
Insecticides: 2.5 oz. Capture
Fertility: 197# N, 69# P₂O₅, 60# K₂O, 30# S
Primary Soil Type: Collins Silt Loam
DeKalb DKC67-44RIB (CHECK)
Plot Location: Short Station Road
Previous Crop: Soybeans
Tillage Practice: Minimum
Check: DeKalb DKC67-44RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	55.5	23.0	235.9		
2. Croplan 5073SS/RIB	56.0	21.6	221.8	240.3	10
3. Pioneer P1138AM	55.5	20.7	222.2	232.3	14
4. Beck's 6274V2P	56.0	20.6	237.5	239.9	11
5. CHECK	56.5	20.7	271.5		
6. DeKalb DKC62-53RIB	56.5	21.7	235.6	227.6	16
7. Stewart 17DP387	56.0	22.6	286.3	273.6	4
8. NuTech 5FB-2213AM	58.0	21.7	227.3	214.9	18
9. DeKalb DKC67-44RIB (CHECK)	58.0	21.2	283.6	281.4	1
10. AgriGold A6544VT2RIB	57.0	22.0	253.2	241.2	9
11. NK NK1354-322-EZ1	56.0	21.5	214.0	207.6	19
12. Seed Consultants SCS1139AM	55.5	21.5	233.9	231.3	15
13. CHECK	57.5	21.4	263.1		
14. AgriGold A644-32TRCRIB	57.0	21.1	241.1	241.5	8
15. Pioneer P1464AML	56.5	21.9	280.9	279.5	2
16. DeKalb DKC64-35RIB	57.0	21.2	242.3	239.5	12
17. CHECK	57.5	21.0	270.1		
18. Dyna-Gro D54VC14	56.0	21.1	239.7	234.8	13
19. Stewart 14DD339	57.0	21.6	255.1	249.2	7
20. NK NK1573-333-EZ1	56.0	21.9	233.0	227.1	17
21. CHECK	56.5	21.5	272.9		
22. Beck's 6589V2P	57.0	21.9	257.3	253.2	6
23. Croplan 5678VT2/RIB	57.0	21.7	263.4	262.4	5
24. Dyna-Gro D58VC65	57.0	21.7	272.3	274.7	3
25. CHECK	57.5	21.3	259.7		
Plot Average	56.6	21.5	250.9		
Check Average	57.0	21.4	265.2		

2019 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: May 7, 2019
Harvest Date: September 17, 2019
Planting Population: 32,500
Herbicides: 1.25 qt. Acuron FB, 3.6 pt. Halex, 1 qt. Atrazine
Fungicides: 13.7 oz. Trivapro
Insecticides: None
Fertility: 200# N, P+K VRT, 1 gal. Max-N PACK K, 2 oz. Radiate
Primary Soil Type: Robbs Silt Loam
DeKalb DKC67-44RIB (CHECK)
Plot Location: Hwy 81
Previous Crop: Soybeans
Tillage Practice: Minimal
Check: DeKalb DKC67-44RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	59.0	20.0	206.6		
2. Croplan 5073SS/RIB	58.5	17.4	220.9	232.7	6
3. Pioneer P1138AM	60.0	16.3	206.5	214.1	12
4. Beck's 6274V2P	61.0	17.3	240.6	245.8	4
5. CHECK	59.0	19.7	219.4		
6. DeKalb DKC62-53RIB	59.0	17.6	238.7	251.8	3
7. Stewart 17DP387 **	56.5	20.1	46.5	51.5	19
8. NuTech 5FB-2213AM	61.5	16.6	239.0	278.8	2
9. DeKalb DKC67-44RIB (CHECK)	58.5	20.5	179.4	173.4	17
10. AgriGold A6544VT2RIB	59.0	18.7	266.5	303.5	1
11. NK NK1354-322-EZ1	57.0	20.2	215.5	228.2	7
12. Seed Consultants SCS1139AM	61.0	17.6	229.3	227.1	8
13. CHECK	59.0	20.7	237.7		
14. AgriGold A644-32TRCRIB	60.0	18.7	188.7	177.7	16
15. Pioneer P1464AML	60.0	18.9	231.1	220.6	11
16. DeKalb DKC64-35RIB ***	60.0	18.5	124.4	120.4	18
17. CHECK	59.0	20.3	225.1		
18. Dyna-Gro D54VC14	60.5	18.8	245.4	236.8	5
19. Stewart 14DD339	58.0	19.6	233.0	221.0	10
20. NK NK1573-333-EZ1	58.0	18.5	238.4	222.4	9
21. CHECK	58.5	20.2	240.7		
22. Beck's 6589V2P	60.0	20.6	229.2	211.0	14
23. Croplan 5678VT2/RIB	58.5	20.6	216.4	199.9	15
24. Dyna-Gro D58VC65	59.5	18.0	227.7	211.1	13
25. CHECK	58.0	20.2	237.5		
Plot Average	59.2	19.0	215.4		
Check Average	58.7	20.2	220.9		

Moderate Green Snap observed throughout plot

** Severe Green Snap *** Substantial Green Snap

2019 DAVIESS COUNTY YELLOW CORN
19 BRANDS / HYBRIDS • 10 COMPANIES
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Goetz Brothers Farms
Planting Date: May 7, 2019
Harvest Date: September 18, 2019
Planting Population: 36,000
Herbicides: 3 qts. Acuron, 1 pt. 2,4-D, 24 oz. Roundup
Fungicides: Trivapro, Zanthion
Insecticides: 5 oz. Hero
Fertility: 232# N, 69# P₂O₅, 90# K₂O, 4 gals. 2X2 3/18/18
Primary Soil Type: Robbs/Wakeland Silt Loam
DeKalb DKC67-44RIB (CHECK)
Plot Location: Old Hartford Road
Previous Crop: Soybeans
Tillage Practice: Conventional
Check: DeKalb DKC67-44RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK - 4 row	60.0	18.3	252.5		
2. Croplan 5073SS/RIB	59.0	15.6	211.0	213.1	16
3. Pioneer P1138AM	61.5	15.8	241.8	241.7	5
4. Beck's 6274V2P	60.0	16.0	250.0	247.4	3
5. CHECK	60.0	18.6	262.9		
6. DeKalb DKC62-53RIB	59.0	16.3	244.3	239.2	7
7. Stewart 17DP387	61.0	18.9	243.5	238.3	8
8. NuTech 5FB-2213AM	61.0	17.5	211.9	207.2	19
9. DeKalb DKC67-44RIB (CHECK)	62.0	17.8	263.7	258.5	2
10. AgriGold A6544VT2RIB	59.0	18.2	245.9	240.5	6
11. NK NK1354-322-EZ1	58.0	18.8	231.3	226.4	12
12. Seed Consultants SCS1139AM	60.6	17.5	222.5	218.1	15
13. CHECK	59.5	18.3	262.5		
14. AgriGold A644-32TRCRIB	60.5	17.9	235.3	233.0	10
15. Pioneer P1464AML	60.0	17.9	242.7	242.5	4
16. DeKalb DKC64-35RIB	61.0	17.2	230.3	232.2	11
17. CHECK	60.0	18.6	253.1		
18. Dyna-Gro D54VC14	60.5	18.1	204.8	210.1	17
19. Stewart 14DD339	59.5	18.8	254.1	262.8	1
20. NK NK1573-333-EZ1	59.0	18.6	213.8	222.9	14
21. CHECK	60.5	17.8	245.0		
22. Beck's 6589V2P	60.0	18.3	202.4	208.9	18
23. Croplan 5678VT2/RIB	60.0	17.6	232.8	235.9	9
24. Dyna-Gro D58VC65	61.0	18.0	226.6	225.5	13
25. CHECK 4-row	60.0	17.3	263.4		
Plot Average	60.1	17.7	237.9		
Check Average	60.3	18.0	257.6		

**2019 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 30, 2019
Harvest Date:	September 20, 2019
Planting Population:	33,100
Herbicides:	1 qt. Glyphosate, 1.5 lbs. Atrazine, 1 pt. 2,4-D, 2 qts. Halex GT, 3 oz. Status
Fungicides:	Trivapro
Insecticides:	3# Smartchoice 5G
Fertility:	225# N, 46# P ₂ O ₅ , 60# K ₂ O, 10# S
Primary Soil Type:	Uniontown/Wakeland Silt Loam
DeKalb DKC67-44RIB (CHECK)	6 - 30" rows
Plot Location:	Pond River Road
Previous Crop:	Soybeans
Tillage Practice:	Conventional
Check: DeKalb DKC67-44RIB	

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	59.5	16.5	246.6		
2. Croplan 5073SS/RIB	58.0	14.9	239.7	242.0	16
3. Pioneer P1138AM	59.5	14.9	249.7	251.0	7
4. Beck's 6274V2P	58.5	14.5	249.4	249.6	8
5. CHECK	59.0	16.3	250.9		
6. DeKalb DKC62-53RIB	58.5	15.1	257.8	258.2	3
7. Stewart 17DP387	60.0	16.6	218.5	219.9	19
8. NuTech 5FB-2213AM	60.5	15.2	240.3	243.1	13
9. DeKalb DKC67-44RIB (CHECK)	59.0	15.9	246.0	243.0	14
10. AgriGold A6544VT2RIB	57.0	15.4	273.3	275.2	1
11. NK NK1354-322-EZ1	58.0	15.7	243.4	242.8	15
12. Seed Consultants SCS1139AM	62.0	15.4	236.3	233.6	18
13. CHECK	59.0	15.3	255.4		
14. AgriGold A644-32TRCRIB	59.5	16.5	254.5	249.4	9
15. Pioneer P1464AML	59.0	16.2	254.2	249.3	10
16. DeKalb DKC64-35RIB	60.0	15.0	247.8	243.2	12
17. CHECK	59.5	15.2	254.5		
18. Dyna-Gro D54VC14	61.0	16.0	260.1	256.0	4
19. Stewart 14DD339	59.0	15.8	257.1	253.5	5
20. NK NK1573-333-EZ1	57.5	15.9	244.9	241.9	17
21. CHECK	59.0	15.8	252.7		
22. Beck's 6589V2P	59.5	16.0	249.7	249.1	11
23. Croplan 5678VT2/RIB	59.5	15.9	258.9	260.5	2
24. Dyna-Gro D58VC65	60.0	16.1	247.6	251.3	6
25. CHECK	59.5	14.8	244.2		

Plot Average	59.3	15.6	249.3
Check Average	59.2	15.7	250.0

2019 DAVIESS COUNTY YELLOW CORN
19 BRANDS / HYBRIDS • 10 COMPANIES
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Bill Brey
Planting Date: April 29, 2019
Harvest Date: September 23, 2019
Planting Population: 32,500
Herbicides: Roundup, Atrazine, 3 qts. Lexar
Fungicides: Trivapro
Insecticides: Hero
Fertility: 185# N, 115# P₂O₅, 150# K₂O
Primary Soil Type: Belknap Silt Loam
DeKalb DKC67-44RIB (CHECK)
Plot Location: Hwy 764 South
Previous Crop: Soybeans
Tillage Practice: Conventional
Check: DeKalb DKC67-44RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	61.0	17.1	260.9		
2. Croplan 5073SS/RIB	59.5	14.1	258.9	253.3	4
3. Pioneer P1138AM	61.0	14.0	234.9	231.0	13
4. Beck's 6274V2P	61.0	14.5	250.1	247.2	7
5. CHECK	61.0	14.7	255.4		
6. DeKalb DKC62-53RIB	60.5	16.2	244.0	241.7	9
7. Stewart 17DP387	61.0	15.6	234.7	231.7	12
8. NuTech 5FB-2213AM	61.5	16.8	230.8	227.1	15
9. DeKalb DKC67-44RIB (CHECK)	61.5	16.3	258.9	255.9	3
10. AgriGold A6544VT2RIB	57.5	16.8	252.3	247.5	6
11. NK NK1354-322-EZ1	58.5	15.7	229.9	225.8	17
12. Seed Consultants SCS1139AM	61.0	15.7	230.9	226.9	16
13. CHECK	62.0	15.8	258.1		
14. AgriGold A644-32TRCRIB	60.5	16.7	216.3	211.9	19
15. Pioneer P1464AML	61.0	15.5	240.8	235.1	11
16. DeKalb DKC64-35RIB	61.0	16.1	237.5	230.9	14
17. CHECK	61.0	15.7	262.0		
18. Dyna-Gro D54VC14	59.5	16.7	224.8	220.4	18
19. Stewart 14DD339	58.5	15.9	261.1	259.0	2
20. NK NK1573-333-EZ1	59.5	16.5	235.6	236.6	10
21. CHECK	61.0	15.3	249.6		
22. Beck's 6589V2P	61.0	16.5	237.7	246.1	8
23. Croplan 5678VT2/RIB	60.0	16.3	248.9	262.4	1
24. Dyna-Gro D58VC65	60.5	17.0	235.0	252.4	5
25. CHECK	60.0	15.2	232.0		
Plot Average	60.4	15.9	243.2		
Check Average	61.1	15.7	253.8		

2019 DAVIESS COUNTY YELLOW CORN
19 BRANDS / HYBRIDS •10 COMPANIES
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Boswell Farms
Planting Date: May 10, 2019
Harvest Date: October 8, 2019
Planting Population: 33,500
Herbicides: 1.5 oz. Lead Off, 16 oz. Havoc LV6, 4 oz. Realm Q,
22 oz. Envy 6 Max, 1.5# Atrazine
Fungicides: 6.8 oz. Aproach Prima
Insecticides: 3 oz. Reveal Endurx
Fertility: 230# N, P+K VRT
Primary Soil Type: Uniontown Silt Loam
DeKalb DKC67-44RIB (CHECK)
Plot Location: Ray Road
Previous Crop: Soybeans
Tillage Practice: No-Till
Check: DeKalb DKC67-44RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK 4 rows	59.5	15.5	253.8		
2. Croplan 5073SS/RIB	58.0	14.0	232.8	220.8	10
3. Pioneer P1138AM	59.5	13.7	245.3	236.6	4
4. Beck's 6274V2P	60.0	14.4	220.5	216.5	13
5. CHECK	60.0	14.7	236.8		
6. DeKalb DKC62-53RIB	59.5	14.4	222.8	222.5	8
7. Stewart 17DP387	62.0	14.4	219.1	218.7	11
8. NuTech 5FB-2213AM	61.0	14.0	192.0	191.5	19
9. DeKalb DKC67-44RIB (CHECK)	61.0	14.4	237.4	238.3	3
10. AgriGold A6544VT2RIB	60.0	14.3	221.4	221.3	9
11. NK NK1354-322-EZ1	57.5	14.5	214.9	215.4	16
12. Seed Consultants SCS1139AM	62.0	13.7	213.5	214.6	17
13. CHECK	60.0	14.3	234.8		
14. AgriGold A644-32TRCRIB	60.0	14.6	209.6	210.1	18
15. Pioneer P1464AML	60.0	14.0	251.6	250.9	2
16. DeKalb DKC64-35RIB	61.0	14.4	230.2	228.4	6
17. CHECK	61.5	14.3	239.8		
18. Dyna-Gro D54VC14	61.5	14.2	214.8	215.5	15
19. Stewart 14DD339	60.5	14.0	246.3	251.4	1
20. NK NK1573-333-EZ1	59.0	14.0	208.0	216.0	14
21. CHECK	61.5	14.0	223.9		
22. Beck's 6589V2P	61.0	14.2	206.8	217.1	12
23. Croplan 5678VT2/RIB	62.0	14.4	217.2	226.4	7
24. Dyna-Gro D58VC65	62.0	14.5	222.3	230.2	5
25. CHECK 4 rows	62.5	14.7	230.1		
 Plot Average	60.5	14.3	225.8		
Check Average	60.9	14.6	236.7		

2019 DAVIESS COUNTY YELLOW CORN
19 BRANDS / HYBRIDS • 10 COMPANIES
Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Aaron Walker
Planting Date: May 14, 2019
Harvest Date: October 29, 2019
Planting Population: 32,500
Herbicides: Glyphosate, Status, Amazon Pro, Atrazine, 2,4-D
Fungicides: none
Insecticides: none
Fertility: 327# N, 69# P₂O₅, 90# K₂O
Primary Soil Type: Belknap
DeKalb DKC67-44RIB (CHECK)
Plot Location: Pup Creek Rd.
Previous Crop: Soybean
Tillage Practice: Conventional
Check: DeKalb DKC67-44RIB

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK 4 Row	60.5	15.7	249.0		
2. Croplan 5073SS/RIB	58.0	15.0	193.3	171.0	18
3. Pioneer P1138AM	59.0	15.0	225.1	204.5	12
4. Beck's 6274V2P	59.5	15.1	213.5	199.4	15
5. CHECK	58.0	15.2	223.6		
6. DeKalb DKC62-53RIB	58.0	15.1	208.7	202.8	14
7. Stewart 17DP387	59.5	15.3	240.1	236.0	3
8. NuTech 5FB-2213AM	59.5	15.3	212.8	211.6	9
9. DeKalb DKC67-44RIB (CHECK)	58.0	15.2	213.3	204.3	13
10. AgriGold A6544VT2RIB	57.5	15.3	221.6	220.2	7
11. NK NK1354-322-EZ1	57.5	15.3	187.4	183.8	16
12. Seed Consultants SCS1139AM	60.0	15.1	214.3	207.5	11
13. CHECK	57.5	15.1	224.6		
14. AgriGold A644-32TRCRIB	59.0	15.2	225.1	221.8	6
15. Pioneer P1464AML	59.0	15.2	229.0	232.7	4
16. DeKalb DKC64-35RIB	59.0	14.9	199.7	209.5	10
17. CHECK	57.5	15.0	198.0		
18. Dyna-Gro D54VC14	58.5	15.3	165.6	175.7	17
19. Stewart 14DD339	57.0	15.3	210.6	218.8	8
20. NK NK1573-333-EZ1	55.5	15.1	142.7	145.2	19
21. CHECK	57.5	14.8	215.3		
22. Beck's 6589V2P	57.5	15.4	229.3	238.7	2
23. Croplan 5678VT2/RIB	58.5	15.4	205.0	223.2	5
24. Dyna-Gro D58VC65	59.0	15.1	213.5	243.7	1
25. CHECK 4 row	58.5	15.5	179.0		
Plot Average	58.4	15.2	209.6		
Check Average	58.2	15.2	214.7		

2019 DAVIESS COUNTY NON-GMO YELLOW CORN PLOT

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Jeff Rice
Planting Date:	April 24, 2019
Harvest Date:	October 2, 2019
Planting Population:	31,900
Herbicides:	2,4-D, Roundup, Atrazine, Lexar
Fungicides:	None
Insecticides:	4# Chlorpyrifos 15G
Fertility:	200# N, 115# P ₂ O ₅ , 150# K ₂ O/acre
Primary Soil Type:	Belknap Silt Loam
Row Width:	4 - 30" rows
Plot Location:	Nalley Road
Previous Crop:	Soybeans
Tillage Practice:	No-Till
Check:	Stewart 17CV387

Brand / Hybrid	Test Weight	Percent Moisture	Harvested Yld Bu/A	Adjusted Yield	RANK
1. CHECK	63.0	12.4	262.5		
2. NuTech OA-308	60.0	12.0	241.6	225.7	6
3. Beck's 6274PQ	60.5	12.0	241.0	230.1	4
4. AgriGold A6499	62.5	12.2	230.3	224.9	7
5. Stewart 17CV387 (CHECK)	61.0	12.3	240.0	231.2	3
6. Dyna-Gro D52CC91	62.0	11.7	188.0	187.1	12
7. AgriGold A6572	61.0	11.3	208.0	206.1	11
8. Dyna-Gro D54CC52	62.0	12.1	240.9	237.8	1
9. CHECK	62.0	12.0	244.1		
10. Partners Brand PB11406	62.5	11.9	234.8	233.0	2
11. Beck's 6589PQ	62.0	12.5	228.5	228.9	5
12. NuTech OAN-7215	60.0	11.7	207.3	207.7	10
13. CHECK	61.5	12.3	234.7		
14. Partners Brand PB11406 *	62.0	11.6	209.2	221.7	8
15. Nutech OAN-7215*	59.5	12.1	205.6	217.9	9
16. CHECK	59.0	12.3	218.0		

Plot Average	61.3	12.0	227.2	221.0
Check Average	61.3	12.3	239.9	

*With Tripidity Seed Treatment

2019 CORN STRIP CHECKS

JACOB GLENN

Brand: Pioneer P1197AM	Moisture: 16.8
Yield/acre: 267.63	Harvested: 9/18/2019

PPJ THOMPSON FARMS

Brand: Pioneer P1306W	Moisture: 13.2
Yield/acre: 219.3	Harvested: 10/1/2019

PPJ THOMPSON FARMS

Brand: Pioneer P1618W	Moisture: 14.3
Yield/acre: 211.6	Harvested: 10/01/19

PPJ THOMPSON FARMS

Brand: Pioneer P1431W	Moisture: 14.5
Yield/acre: 193.6	Harvested: 10/1/2019

PPJ THOMPSON FARMS

Brand: Pioneer P1306W	Moisture: 13.4
Yield/acre: 191.4	Harvested: 10/1/2019

PPJ THOMPSON FARMS

Brand: Dyna-Gro D56CC40W	Moisture: 16.3
Yield/acre: 173.4	Harvested: 10/1/2019

KENTUCKY EXTENSION CORN PRODUCTION CONTEST DAVIESS COUNTY ENTRIES

DIVISION I - Conventional Tillage

SPARKS FARMS

Planted:	4/30/2019	Harvested:	9/19/2019
Brand:	Dekalb DKC70-27VT2PRIB	Moisture:	19.8
Herbicide:	1.5 qts. Acuron, 1 pt. Roundup Power Max	Planting Rate:	38,000
Insecticide:	4 oz. Tundra	Harvest Pop.:	36,000
Fungicide:	Trivapro	Acreage:	1.3416
Fertility:	231.5# N, 80.5# P ₂ O ₅ , 105# K ₂ O	Yield/Acre:	299.15
		Check 2:	285.53
		Check 3:	290.69
		Check 4:	296.15

SCOTT ZOGLMANN

Planted:	4/12/2019	Harvested:	9/6/2019
Brand:	Dekalb DKC67-44VT2PRIB	Moisture:	26.3
Herbicide:	3 pts. Halex GT	Planting Rate:	42,000
Insecticide:	None	Harvest Pop.:	40,000
Fungicide:	Trivapro 2X	Acreage:	1.5158
Fertility:	317# N, 138# P ₂ O ₅ , 80# K ₂ O, 24# S	Yield/Acre:	294.48
		Check 2:	294.25

DARRELL HAGAN

Planted:	4/11/2019	Harvested:	9/11/2019
Brand:	AgriGold A644-32	Moisture:	24.3
Herbicide:	28oz. Cornerstone, 16 oz. 2,4-D, 1 pt. Atrazine, 1 pt. Simazine, 20 oz. Armezon Pro	Planting Rate:	40,000
Insecticide:	3 oz. Tundra	Harvest Pop.:	39,000
Fungicide:	5 oz. Priaxor, 4 oz. Tilt	Acreage:	1.2521
Fertility:	265# N, 115# P ₂ O ₅ , 150# K ₂ O	Yield/Acre:	290.54

GOETZ BROTHERS FARMS

Planted:	4/12/2019	Harvested:	9/5/2019
Brand:	AgriGold A6659VT2PRO	Moisture:	22.3
Herbicide:	3 qts. Acuron, 1 qt. Roundup	Planting Rate:	36,000
Insecticide:	Hero	Harvest Pop.:	34,000
Fungicide:	Zanthion, Trivapro	Acreage:	1.4991
Fertility:	232# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre:	284.56

GOETZ BROTHERS FARMS

Planted:	4/20/2019	Harvested:	9/5/2019
Brand:	Dekalb DKC67-44VT2PRIB	Moisture:	22.9
Herbicide:	3 qts. Acuron, 1 qt. Roundup	Planting Rate:	40,000
Insecticide:	Hero	Harvest Pop.:	39,000
Fungicide:	Zanthion, Trivapro	Acreage:	1.2851
Fertility:	232# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre:	283.04
		Check 2:	282.73
		Check 3:	281.22
		Check 4:	275.36

TRIPLE T FARMS

Planted:	4/11/2019	Harvested:	9/9/2019
Brand:	Dyna-Gro D585565SS-RIB	Moisture:	21.9
Herbicide:	2 qts. Halex GT, 24 oz. Roundup PowerMax	Planting Rate:	40,000
Insecticide:	2.4 oz. Helios Tombstone	Harvest Pop.:	39,000
Fungicide:	6 oz. Quadris, 4 oz. Trivapro	Acreage:	2.0000
Fertility:	232# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre:	276.95

SPARKS FARMS

Planted:	4/29/2019	Harvested:	9/16/2019
Brand:	Dekalb DKC68-69VT2PRIB	Moisture:	24.2
Herbicide:	1.5 qts. Acuron, 1 pt. Roundup	Planting Rate:	34,000
Insecticide:	4 oz. Tundra	Harvest Pop.:	32,000
Fungicide:	Trivapro	Acreage:	1.3526
Fertility:	231.5# N, 80.5# P ₂ O ₅ , 105# K ₂ O	Yield/Acre:	276.64
		Check 2:	275.55
		Check 3:	273.53
		Check 4:	275.33

GOETZ BROTHERS FARMS

Planted:	4/20/2019	Harvested:	9/5/2019
Brand:	Dyna-Gro D58SS65RIB	Moisture:	25.2
Herbicide:	3 qts. Acuron, 1 qt. Roundup	Planting Rate:	40,000
Insecticide:	Hero	Harvest Pop.:	38,000
Fungicide:	Zanthion, Trivapro	Acreage:	1.4986
Fertility:	232# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre:	270.45
		Check 2:	263.81

GOETZ BROTHERS FARMS

Planted:	4/12/2019	Harvested:	9/5/2019
Brand:	AgriGold A644-32TRCRIB	Moisture:	22.3
Herbicide:	3 qts. Acuron, 1 qt. Roundup	Planting Rate:	34,000
Insecticide:	Hero	Harvest Pop.:	32,000
Fungicide:	Zanthion, Trivapro	Acreage:	1.4674
Fertility:	232# N, 69# P ₂ O ₅ , 90# K ₂ O	Yield/Acre:	264.98

FLATLICK GRAIN FARMS LLC

Planted:	4/24/2019	Harvested:	9/3/2019
Brand:	AgriGold A6544VT2RIB	Moisture:	19.9
Herbicide:	1.25 pts. Acuron, 2.25 qts. Halex GT	Planting Rate:	32,000
Insecticide:	Bifenthrin	Harvest Pop.:	30,500
Fungicide:	12.6 oz. Trivapro	Acreage:	1.8370
Fertility:	227.5# N, 80.5# P ₂ O ₅ , 105# K ₂ O	Yield/Acre:	262.62

FLATLICK GRAIN FARMS LLC

Planted:	4/24/2019	Harvested:	9/3/2019
Brand:	Pioneer P1464AML	Moisture:	19.2
Herbicide:	1.25 pts. Acuron, 2.25 qts. Halex GT	Planting Rate:	32,000
Insecticide:	Bifenthrin	Harvest Pop.:	30,500
Fungicide:	12.6 oz. Trivapro	Acreage:	1.3333
Fertility:	227.5# N, 80.5# P ₂ O ₅ , 102# K ₂ O	Yield/Acre:	257.03

FLATLICK GRAIN FARMS LLC

Planted:	4/24/2019	Harvested:	9/3/2019
Brand:	DeKalb DKC67-44RIB	Moisture:	18.2
Herbicide:	1.25 pts. Acuron, 2.25 qts. Halex GT	Planting Rate:	32,000
Insecticide:	Bifenthrin	Harvest Pop.:	30,500
Fungicide:	12.6 oz. Trivapro	Acreage:	1.9376
Fertility:	227.5# N, 80.5# P ₂ O ₅ , 102# K ₂ O	Yield/Acre:	255.25

DIVISION II - No-Till

SPARKS FARMS

Planted:	4/29/2019	Harvested:	9/21/2019
Brand:	DeKalb DKC68-69 VT2PRIB	Moisture:	17.4
Herbicide:	1.5 qts. Acuron, 1 pt. Roundup Power Max	Planting Rate:	37,000
Insecticide:	4 oz. Tundra	Harvest Pop.:	34,000
Fungicide:	Trivapro	Acreage:	1.2679
Fertility:	231.5# N, 80.35# P ₂ O ₅ , 105# K ₂ O	Yield/Acre:	300.40
		Check 2:	298.39

SCOTT ZOGLMANN

Planted:	4/12/2019	Harvested:	9/9/2019
Brand:	DeKalb DKC68-69VT2P	Moisture:	27.3
Herbicide:	3 pts. Halex GT	Planting Rate:	38,000
Insecticide:	Poncho 250	Harvest Pop.:	36,000
Fungicide:	Trivapro 2X	Acreage:	1.5131
Fertility:	317# N, 138# P ₂ O ₅ , 180# K ₂ O, 24# S	Yield/Acre:	284.91
		Check 2:	284.02

CASTLEN BROTHERS FARMS

Planted:	5/10/2019	Harvested:	9/10/2019
Brand:	Pioneer P1197RR2	Moisture:	23.0
Herbicide:	2.4 qts. Acuron, 16 oz. PowerMax, 3 pts. Gramoxone	Planting Rate:	34,500
Insecticide:	1 oz. Warrior	Harvest Pop.:	33,500
Fungicide:	5 oz. Priaxor	Acreage:	1.4284
Fertility:	220# N, 6992# P ₂ O ₅ , 120# K ₂ O	Yield/Acre:	263.15
		Check 2:	255.42

TANNER STROUP

Planted:	5/10/2019	Harvested:	10/2/2019
Brand:	Croplan 5678VT2PRIB	Moisture:	13.7
Herbicide:	Roundup, Verdict, Zidua, Laudis, Status	Planting Rate:	32,000
Insecticide:	Ethos, Tundra	Harvest Pop.:	30,000
Fungicide:	Trivapro	Acreage:	1.8788
Fertility:	220# N, 60# P ₂ O ₅ , 270# K ₂ O, 10# S, 10-34-0	Yield/Acre:	233.36

DIVISION III - White Corn

PPJ THOMPSON FARMS

Planted:	4/29/2019	Harvested:	09/19/19
Brand:	Pioneer P1618W	Moisture:	16.3
Herbicide:	3 qts. Lexar, 1 qt. Roundup 2	Planting Rate:	34,000
Insecticide:	3.4 oz. Capture LFR	Harvest Pop.:	32,000
Fungicide:	none	Acreage:	1.2521
Fertility:	250# N	Yield/Acre:	259.39

PPJ THOMPSON FARMS

Planted:	4/30/2019	Harvested:	9/19/2019
Brand:	Pioneer P1306W	Moisture:	15.7
Herbicide:	3 qts. Lexar, 1 qt. Roundup	Planting Rate:	34,000
Insecticide:	3.4 oz. Capture LFR	Harvest Pop.:	32,000
Fungicide:	None	Acreage:	1.2521
Fertility:	250# N, 2 tons Turkey Litter	Yield/Acre:	248.57

DIVISION IV - Irrigated

MCKAY FARMS

Planted:	4/25/2019	Harvested:	9/18/2019
Brand:	DeKalb DKC67-44	Moisture:	20.5
Herbicide:	2 qts. Halex GT	Planting Rate:	38,000
Insecticide:	Capture Hero	Harvest Pop.:	36,500
Fungicide:	13.8 oz. Trivapro	Acreage:	1.2576
Fertility:	366# N, 92# P ₂ O ₅ , 200# K ₂ O	Yield/Acre:	324.09

KNOTT FARMS

Planted:	5/10/2019	Harvested:	9/10/2019
Brand:	AgriGold A6499STXRIB	Moisture:	22.5
Herbicide:	Lexar	Planting Rate:	35,000
Insecticide:	Capture LFR, Hero, Acceleron Poncho 250	Harvest Pop.:	34,000
Fungicide:	Trivapro, Headline	Acreage:	1.7679
Fertility:	200# N, 1 qt. Zn, 15# S, 3 tons Broiler Litter	Yield/Acre:	302.75
		Check 2:	290.23
		Check 3:	285.82

KNOTT FARMS

Planted:	5/7/2019	Harvested:	9/10/2019
Brand:	Dekalb DKC67-44VT2P	Moisture:	23.9
Herbicide:	Lexar	Planting Rate:	35,000
Insecticide:	Capture LFR, Hero	Harvest Pop.:	34,000
Fungicide:	Trivapro, Headline	Acreage:	1.6869
Fertility:	200# N, 1 qt. Zn, 15# S, 3 tons Broiler Litter	Yield/Acre:	293.63
		Check 2:	290.57

STEPHEN FARMS

Planted:	5/17/2019	Harvested:	9/20/2019
Brand:	AgriGold A6499STXRIB	Moisture:	20.6
Herbicide:	Laudis, Atrazine, Zidua, Glyphosate	Planting Rate:	35,000
Insecticide:	Capture LFR	Harvest Pop.:	33,000
Fungicide:	Priaxor, Headline AMP 2X	Acreage:	1.6000
Fertility:	270# N, Variable rate P ₂ O ₅ & K ₂ O, 1.5# Zn, 100# S,	Yield/Acre:	263.44
		Check 2:	260.44

2019 Kentucky Hybrid Corn Performance Test

Early State Summary Name	YIELD (BU/AC)			TWT	MST	STD	LODG
	2019	2018-19	2017-19	(LB/BU)	(%)	(%)	(%)
Progeny Ag EXP1808	221.1			60.0	15.5	96	0
Stewart 09DD140	220.0			59.1	16.1	93	0
Stewart 10DP099	219.0	226.9		61.1	16.3	93	0
Armor 0887	214.9	218.0		60.2	15.4	95	0
FS InVISION FS 6194V RIB	214.6			60.4	16.7	95	0
Channel 209-15VT2PRIB	211.8	226.7		60.3	16.8	95	0
NuTech Seed 5FB-8808AM	208.7			60.5	16.2	94	0
Mycogen REV 2098AM	208.0			60.2	15.8	94	0
LG Seeds LG60C33VT2Pro	207.1			60.5	16.9	95	0
ARMOR X9110	206.8			60.1	16.6	93	0
AgriGold A641-06VT2RIB	206.8	214.9		61.3	16.5	99	0
NuTech Seed 5FB-9909AM	206.5			59.7	15.4	94	0
DEKALB DKC61-41RIB	206.4			59.2	16.4	95	0
LG Seeds LG62C35VT2Pro	206.3			60.2	16.7	92	0
Warren Seed DS 5018	205.9			60.2	16.0	97	0
PROGENY PGY7111VT2P	204.9	218.6	220.5	59.6	16.4	95	0
Local Seed LC0877 VT2P	204.1			59.9	16.1	92	0
NuTech Seed 5FB-1111AM	203.4			61.2	17.2	90	0
Pioneer P1138AM	202.4	208.4		61.0	17.2	93	0
Armor 1118	202.3	215.8		60.6	16.8	94	0
Caverndale CF 753GTCBLL	201.5	210.2		60.5	16.1	92	0
Caverndale CF 794 VIPTERA 3111	199.1			61.9	18.1	93	0
AgriGold A638-44DGVT2PRO	198.8			56.8	15.3	97	0
NuTech Seed 68B3AML	197.6			61.0	16.7	96	0
Seed Consultants SCS 1087YHR	196.6	217.9		60.0	16.0	93	0
AgriGold A641-54VT2PRO	195.1			60.6	16.6	96	0
Pioneer P1197AM	194.8	205.4	211.4	60.4	16.6	94	0
Local Seed LCX11-91	186.5			60.6	16.3	92	0
ARMOR A0919	181.8			61.1	15.8	95	0
Average	203.7	216.3	216.0	60.3	16.3	94	0
C.V.	11.2	9.8	9.7	4.9	4.5	4	1403
LSD	19.4	27.8	22.4	2.5	0.6	3	0

Early varieties: 111 days or less to maturity - Shaded cells are not significantly different from top yield (0.10)

Medium State Summary Name	YIELD (BU/AC)			TWT	MST	STD	LODG
	2019	2018-19	2017-19	(LB/BU)	(%)	(%)	(%)
AgriGold A642-59VT2RIB	218.9	217.1		60.5	17.2	97	0
AgriGold A6544VT2RIB	218.4	228.6	231.9	60.4	17.4	99	0
Progeny Ag PGY 9114VT2P	217.7	219.7		62.0	17.9	97	0
DEKALB DKC63-91RIB	217.6			59.8	16.1	98	0
Progeny Ag EXP1912	217.1			61.1	16.7	96	0
Taylor 8824	216.6			62.4	17.9	94	0
DEKALB DKC65-99RIB	216.3			61.4	17.9	101	0
Local Seed LC1289 VT2P	213.4			60.6	17.0	94	0
Channel 215-60TRERIB	213.2	224.9		59.3	17.6	97	0
LG Seeds LG5643VT2RIB	212.1	216.5	224.2	60.0	17.6	99	0
NK Seed NK1573-3330EZ1	211.2			59.7	16.9	99	0
Stewart 15DP519	211.0	220.6		60.5	18.5	97	0
FS InVISION FS 6595V RIB	210.5			60.7	18.6	99	0
Mycogen MY14H95RA	210.4			58.0	18.9	98	0
ARMOR X9115	210.3			60.5	18.3	100	0
Mycogen REV 2358AM	209.8			59.3	18.1	94	0
Stewart 13DD360	209.7			59.7	17.1	97	0

2019 Kentucky Hybrid Corn Performance Test

Medium State Summary - Cont. Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2019	2018-19	2017-19				
ARMOR A1299	209.1			61.1	16.3	95	0
Stewart 14DD339	208.9	218.2		60.2	17.5	98	0
Warren Seed DS 7215	207.9	212.5		57.4	19.3	99	0
FS InVISION FS 62ZV1 RIB	206.3			60.5	17.0	100	0
Warren Seed DS 5329	205.6			59.8	17.3	97	0
NuTech Seed 75D2AM	204.6			60.4	16.1	97	0
Progeny Ag EXP1913	204.2			61.4	17.5	98	0
LG Seeds LG5650VT2RIB	204.2	208.6	214.1	62.6	17.8	99	0
Warren Seed DS 5510	204.1			62.1	18.6	99	0
Dyna-Gro D54VC14	203.9	219.0		62.2	17.6	95	0
NuTech Seed 75G1AM	203.6			62.3	18.5	97	0
Dyna-Gro D52VC15	203.3	217.2		60.9	17.1	98	0
Pioneer P1442YHR	203.0			61.9	18.2	93	0
Augusta 4465	203.0	216.2		60.1	17.1	97	0
AgriGold A6572VT2RIB	202.7	203.3	209.7	62.8	17.7	100	0
Augusta 4565	202.6			59.5	18.0	99	0
AgriGold A645-16VT2PRO	202.2			60.5	18.3	98	0
DEKALB DKC62-53RIB	202.0	212.2		60.8	17.2	97	0
Local Seed LC1577 VT2P	201.4			62.2	17.7	98	0
DEKALB DKC64-35RIB	201.3	214.1	216.9	62.4	17.1	94	0
FS InVISION FS 64SV1 RIB	200.7	213.1		60.1	17.5	99	0
DEKALB DKC63-57RIB	200.0	214.7		61.0	16.9	97	0
Stewart 8E623RIB	199.5	213.4	217.7	59.9	17.0	98	0
Local Seed AV8614 YHB	199.5			60.6	17.6	97	0
Warren Seed DS 7513	198.8	210.4	212.4	57.8	19.5	90	0
NK Seed NK1354 3220EZ1	197.8			59.2	17.3	98	0
Caverndale CF 859 VIPTERA 3111	197.5			62.5	18.4	91	0
DEKALB DKC65-95RIB	197.4	209.9		62.1	17.9	97	0
AgriGold A644-32TRCRIB	197.3			61.3	17.7	92	0
Local Seed LC1488 VT2P	197.1			61.0	16.3	98	0
LG Seeds LG62C02VT2RIB	196.6	204.3		61.6	16.5	98	0
Caverndale CF 824 3120 E-Z Refug	195.9	203.2	211.3	57.9	16.7	96	0
Taylor 8835	194.7			62.4	18.6	94	0
Pioneer P1464VYHR	194.5			60.9	18.3	98	0
NuTech Seed 5TB-6313AM	193.2			59.8	18.3	95	0
Warren Seed DS 5319	189.5			62.3	17.6	96	0
Progeny Ag EXP1915	188.9			62.8	19.0	99	0
Local Seed LC1586 TC	188.5			62.1	18.4	90	0
Mycogen REV 2397AM	188.1			62.2	17.1	97	0
Mycogen REV 2499AM	187.7			60.5	18.3	96	0
LG Seeds LG64C30TRCRIB	187.6	208.7		61.4	17.9	91	0
FS InVISION FS 63ZV1 RIB	187.1	195.1		63.1	17.5	99	0
Seed Consultants SCS 1139AM	181.2			62.2	17.5	98	0
NuTech Seed 5FB-7215AM	179.9			60.6	18.2	96	0
NuTech Seed 5FB-2213AM	173.4			62.6	17.2	95	0
Seed Consultants SCS1158YHR™	170.8	191.5	203.3	61.8	18.2	98	0
NuTech Seed 74J1AML	166.3			61.5	18.8	99	0
Average	200.5	212.5	215.7	60.9	17.7	97	0
C.V.	12.2	10.7	11.3	2.0	4.4	4	1413
LSD	17.7	29.7	25.9	0.9	0.6	3	0

Medium varieties: 112-115 days to maturity

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

2019 Kentucky Hybrid Corn Performance Test

Late State Summary Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)
	2019	2018-19	2017-19				
Channel 218-44VT2PRIB	228.7	219.3	226.8	60.6	17.7	97	0
DEKALB DKC67-44	226.1	227.0	230.8	61.5	17.6	97	0
DEKALB DKC66-18RIB	223.1			61.3	17.3	96	0
Channel 217-76VT2PRIB	220.9			60.8	16.9	96	0
NuTech Seed 78A1AM	220.7			62.4	18.9	96	0
AgriGold A648-54STX	217.1			61.2	19.5	98	0
Seed Consultants SCS 1170AM	214.1			62.9	18.0	96	0
Stewart 16DP310	213.9			62.0	18.0	97	0
Dyna-Gro D58VC65	213.2	221.7	221.9	61.5	18.7	97	0
Stewart 16DP117	213.0	220.5		61.2	20.5	97	0
Progeny Ag PGY9117VT2P	212.4			63.2	18.2	95	0
Pioneer P2089AML	210.8	213.2		59.6	18.8	97	0
AgriGold A647-46VT2PRO	210.7			61.9	18.6	98	0
Pioneer P1870AM	210.0	214.2		61.8	19.1	97	0
Pioneer P1847AML	209.1	217.3		61.7	19.7	96	0
Local Seed AV7516 YHB	208.9			62.7	18.7	96	0
Stewart 17DP387	208.8	211.9	214.9	62.3	19.0	95	0
DEKALB DKC68-69RIB	207.2			62.4	20.7	96	0
Seed Consultants SCS1168YHR™	205.5	210.7	217.5	60.7	17.4	94	0
Seed Consultants SCS 1188AM	204.9			61.7	18.9	97	0
Local Seed LC1776 VT2P	204.3			61.7	18.8	96	0
DEKALB DKC70-27RIB	204.0	218.3	223.7	61.0	18.6	95	0
ARMOR X9116	203.2			61.8	18.5	93	0
Taylor 8877	202.6			62.0	19.4	98	0
Caverndale CF 888 3000GT	201.5	212.0	214.3	59.9	20.3	92	0
Progeny Ag PGY8116SS	201.2	206.1		62.4	18.3	97	0
Local Seed LC1878 VT2P	200.3			62.3	18.4	95	0
Pioneer P1637AM	200.2	198.6	207.9	61.9	17.5	96	0
Dyna-Gro D56VC46	200.1	215.4		60.7	19.1	94	0
Local Seed LC1987 VT2P	199.1			61.7	19.5	96	0
Local Seed LCX16-91	199.1			62.7	18.4	97	0
Local Seed LCX17-98	198.2			60.7	19.5	96	0
Progeny Ag PGY6116VT2P	195.3	210.6	215.9	59.4	19.9	95	0
FS InVISION FS 67SV1 RIB	194.7	202.1		61.5	19.4	94	0
FS InVISION FS 66ZV1 RIB	189.3	202.9	210.2	61.0	18.6	92	0
AgriGold A6659VT2RIB	183.8	203.1	208.5	61.7	18.0	98	0
Average	207.1	212.5	217.5	61.5	18.7	96	0
C.V.	8.7	8.7	9.5	2.9	5.2	4	907
LSD	12.9	24.9	22.4	1.3	0.7	3	0

Late varieties: 116 days or more to maturity

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

2019 Kentucky Hybrid Corn Performance Test - Daviess County Strode Farms

Daviess Early Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	GNS (%)
	2019	2018-19	2017-19					
Pioneer P1138AM	243.1	231.6		61.0	17.0	87	0	3
NuTech Seed 5FB-1111AM	243.1			61.8	16.8	83	0	1
Progeny Ag EXP1808	241.1			61.5	15.1	86	0	1
Stewart 09DD140	240.5			60.0	14.8	83	0	0
PROGENY PGY7111VT2P	240.2	237.1	244.6	61.5	16.5	88	0	1
LG Seeds LG60C33VT2Pro	233.5			60.6	17.0	87	0	0
LG Seeds LG62C35VT2Pro	232.9			61.0	16.6	86	0	4
AgriGold A641-06VT2RIB	232.8	229.1		62.4	16.1	88	0	6
DEKALB DKC61-41RIB	231.2			59.8	16.7	84	0	2
Local Seed LC0877 VT2P	230.8			61.3	16.0	87	0	0
NuTech Seed 5FB-8808AM	228.5			61.7	16.1	86	0	1
Armor 1118	227.4	241.5		62.5	16.6	83	0	1
Pioneer P1197AM	225.4	209.2	222.1	61.9	16.5	87	0	0
ARMOR X9110	225.2			61.5	16.1	85	0	9
Channel 209-15VT2PRIB	224.4	232.8		61.0	16.5	87	0	8
Armor 0887	224.2	215.1		61.6	15.7	86	0	2
Mycogen REV 2098AM	223.6			60.9	15.1	87	0	8
FS InVISION FS 6194V RIB	222.6			61.7	16.1	85	0	3
Seed Consultants SCS 1087YHR	222.0	226.1		61.2	15.1	87	0	1
NuTech Seed 68B3AML	221.3			61.8	17.0	88	0	0
Stewart 10DP099	220.2	235.2		62.9	15.8	85	0	10
Caverndale CF 753GTCBLL	216.8	222.6		62.1	14.8	90	0	3
NuTech Seed 5FB-9909AM	215.5			60.4	14.9	87	0	2
Warren Seed DS 5018	213.5			60.8	14.8	90	0	3
AgriGold A641-54VT2PRO	212.9			62.7	16.7	87	0	2
AgriGold A638-44DGVVT2PRO	207.8			62.3	14.8	86	0	6
Caverndale CF 794 VIPTERA 3111	203.4			63.3	17.6	88	0	3
Local Seed LCX11-91	194.0			62.3	15.9	84	0	10
ARMOR A0919	185.0			63.0	15.1	89	0	14
Average	222.1	228.0	233.4	61.6	15.9	86	0	3
C.V.	11.1	10.9	10.2	1.6	4.4	4	0	160
LSD	48.4	33.4	25.4	1.9	1.4	6	0	11

**Early varieties: 111 days or less to maturity

Daviess White Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	GNS (%)
	2019	2018-19	2017-19					
Pioneer P1618W	231.1			64.7	17.3	100	0	4
Pioneer P1620WAM	216.9	187.2	206.4	64.5	19.1	99	0	12
Pioneer P1306WHR	211.5	192.6	213.5	63.7	16.9	98	0	2
Pioneer 32B16	178.9	187.0	210.3	61.5	21.1	95	0	2
Average	208.3	188.9	210.1	63.7	18.1	98	0	5
C.V.	4.9	6.1	6.3	1.8	4.4	3	0	65
LSD	25.2	18.4	15.7	2.6	1.8	6	0	7

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2019 Kentucky Hybrid Corn Performance Test - Daviess County Strode Farms

Daviess Medium Name	YIELD (BU/AC)			TWT	MST	STD	LODG	GNS
	2019	2018-19	2017-19	(LB/BU)	(%)	(%)	(%)	(%)
AgriGold A642-59VT2RIB	253.9	231.0		61.0	18.9	99	0	6
Progeny Ag PGY 9114VT2P	250.2	218.2		62.5	19.4	98	0	12
Stewart 8E623RIB	245.7	234.0	247.5	60.1	18.4	100	0	1
AgriGold A645-16VT2PRO	245.5			61.4	19.7	98	0	4
Channel 215-60TRERIB	243.3	236.1		59.5	20.0	99	0	10
LG Seeds LG5643VT2RIB	242.6	206.4	220.3	61.3	18.6	98	0	0
NuTech Seed 75G1AM	241.5			63.0	19.7	97	0	5
AgriGold A6572VT2RIB	241.1	214.6	234.7	63.4	18.6	100	0	2
DEKALB DKC65-95RIB	240.2	235.4		62.8	19.2	99	0	3
Warren Seed DS 5329	239.4			60.7	17.7	97	0	1
FS InVISION FS 6595V RIB	238.0			61.0	19.2	100	0	7
Taylor 8824	237.7			62.1	19.7	94	0	2
Stewart 13DD360	237.7			60.2	18.0	99	0	0
Taylor 8835	237.5			61.0	20.6	92	0	1
DEKALB DKC63-57RIB	235.5	240.3		62.4	18.0	98	0	3
Progeny Ag EXP1913	234.8			61.6	19.1	99	0	3
Progeny Ag EXP1912	234.6			61.6	18.0	98	0	4
ARMOR X9115	234.5			61.0	19.4	97	0	5
Warren Seed DS 5510	234.4			62.6	20.6	98	0	7
Dyna-Gro D52VC15	233.7	248.6		61.7	17.2	98	0	0
Mycogen REV 2358AM	232.3			59.3	20.0	89	0	0
Stewart 15DP519	232.2	219.1		59.7	21.2	98	0	2
NK Seed NK1354 3220EZ1	232.2			60.3	18.6	100	0	0
DEKALB DKC62-53RIB	230.7	235.9		61.1	18.9	98	0	8
FS InVISION FS 64SV1 RIB	230.6	240.8		61.3	18.0	98	0	4
LG Seeds LG5650VT2RIB	229.2	223.6	237.2	63.3	18.9	101	0	10
Mycogen REV 2397AM	229.0			63.6	18.5	97	0	1
DEKALB DKC64-35RIB	229.0	234.3	252.0	63.3	18.2	96	0	18
NuTech Seed 5TB-6313AM	228.6			61.0	19.4	96	0	0
DEKALB DKC63-91RIB	228.5			61.7	16.6	98	0	7
Local Seed LC1289 VT2P	227.7			61.1	17.8	96	0	2
NuTech Seed 75D2AM	227.5			61.2	17.7	97	0	1
AgriGold A6544VT2RIB	227.2	223.9	235.5	60.8	19.2	97	0	0
Mycogen MY14H95RA	227.1			58.4	19.9	97	0	0
DEKALB DKC65-99RIB	226.4			61.6	19.6	98	0	5
Dyna-Gro D54VC14	226.3	228.9		62.9	18.4	94	0	2
Local Seed LC1577 VT2P	226.3			62.7	18.8	98	0	2
Progeny Ag EXP1915	226.0			62.5	21.3	100	0	0
FS InVISION FS 62ZV1 RIB	225.4			61.3	18.0	101	0	1
Local Seed LC1488 VT2P	224.1			62.2	17.2	95	0	4
Augusta 4565	223.0			60.1	19.1	97	0	0
Mycogen REV 2499AM	223.0			61.7	20.4	98	0	16
Augusta 4465	222.9	228.1		60.6	18.1	96	5	1
Caverndale CF 859 VIPTERA 3111	222.1			63.8	19.1	94	0	0
Local Seed AV8614 YHB	221.2			61.8	18.6	96	0	0
Local Seed LC1586 TC	219.9			62.8	19.7	92	0	4
Warren Seed DS 5319	217.9			62.6	19.5	95	0	0
ARMOR A1299	217.6			62.6	16.9	97	0	2
Warren Seed DS 7513	216.4	235.7	237.4	57.4	21.3	89	0	0
Pioneer P1442YHR	215.9			63.0	18.9	92	0	8

2019 Kentucky Hybrid Corn Performance Test - Daviess County Strode Farms

Daviess Medium - Cont.		YIELD (BU/AC)			TWT	MST	STD	LOGD	GNS
Name		2019	2018-19	2017-19	(LB/BU)	(%)	(%)	(%)	(%)
NuTech Seed 5FB-2213AM		215.0			63.9	17.6	98	0	0
Seed Consultants SCS 1139AM		214.2			63.2	18.5	98	0	0
Seed Consultants SCS1158YHR™	213.2	200.2	220.9	61.2	20.0	101	0	8	
LG Seeds LG64C30TRCRIB	211.4	225.4		62.7	19.4	92	0	8	
NK Seed NK1573-3330EZ1	210.9			60.6	18.0	99	0	1	
LG Seeds LG62C02VT2RIB	208.6	210.4		62.6	17.1	98	0	3	
Warren Seed DS 7215	205.5	197.7		58.0	19.7	101	0	2	
NuTech Seed 5FB-7215AM	202.7			61.6	19.5	95	0	11	
Stewart 14DD339	202.7	207.7		59.7	19.3	97	0	1	
Pioneer P1464VYHR	198.5			60.5	20.5	99	0	7	
Caverndale CF 824 3120 E-Z Refuge	193.5	202.6	218.3	59.2	17.2	96	0	15	
FS InVISION FS 63ZV1 RIB	180.8	191.5		63.8	19.1	98	0	32	
AgriGold A644-32TRCRIB	180.2			62.7	18.7	93	0	32	
NuTech Seed 74J1AML	156.5			61.3	21.2	96	0	0	
Average	223.6	222.8	233.8	61.6	18.9	96.9	0	5	
C.V.	10.1	11.9	10.9	1.5	4.9	2.8	985	144	
LSD	43.7	35.9	27.1	1.8	1.8	5.1	2	13	

**Medium varieties: 112-115 days to maturity

Daviess Conventional		YIELD (BU/AC)			TWT	MST	STD	LOGD	GNS
Name		2019	2018-19	2017-19	(LB/BU)	(%)	(%)	(%)	(%)
Pioneer P1197		256.6	258.4		60.6	16.2	96	0	1
DEKALB DKC64-32		248.9	231.4		62.8	17.2	98	0	12
FS InVISION FS 62Z00		245.1			61.1	17.1	94	2	2
Pioneer P1442		244.9			63.0	17.9	99	5	5
Caverndale CF 855	237.8		229.0		63.7	18.9	88	0	0
NuTech Seed 0A-308		237.3			63.0	14.9	97	6	0
DEKALB DKC60-84		235.0			62.7	16.6	96	9	0
Spectrum Non-GMO 6115		234.8			61.0	16.1	96	0	8
NuTech Seed 0A-7215		234.6			62.0	18.2	97	0	4
Spectrum Non-GMO EXP112		232.9			61.8	16.2	98	0	0
FS InVISION FS 67S00		230.1			62.8	20.0	93	0	1
DEKALB DKC64-85	225.2		237.7	217.5	63.1	15.8	97	2	6
Spectrum Non-GMO 6416		224.7			58.4	18.8	95	0	0
Pioneer P1870		219.2			62.1	18.8	100	0	1
Caverndale CF 800		208.2			61.6	16.6	89	0	5
Spectrum Non-GMO 6244		208.2			60.4	18.2	94	0	6
Blue River Hybrids 66G25		204.5			62.3	17.4	98	0	2
Blue River Hybrids 74B75		196.7			57.2	18.0	96	0	2
Caverndale CF 805		166.5			62.6	17.0	98	0	10
Average	229.1	239.1	217.5	61.6	17.4	96	1	3	
C.V.	8.2	9.2	11.1	1.5	3.6	3	186	132	
LSD	37.6	29.4	28.3	1.9	1.2	5	5	8	

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2019 Kentucky Hybrid Corn Performance Test - Daviess County Strode Farms

Daviess Late Name	YIELD (BU/AC)			TWT (LB/BU)	MST (%)	STD (%)	LODG (%)	GNS (%)
	2019	2018-19	2017-19					
DEKALB DKC67-44	247.7	223.5	234.4	62.3	19.0	97	0	5
Channel 218-44VT2PRIB	242.6	227.0	235.5	61.8	18.3	97	0	1
Pioneer P2089AML	236.5	230.1		60.7	20.1	98	0	8
Pioneer P1847AML	235.6	246.2		62.7	21.5	97	0	4
DEKALB DKC66-18RIB	235.3			62.1	18.3	95	0	1
Pioneer P1870AM	233.8	232.4		61.8	21.3	96	0	2
DEKALB DKC70-27RIB	233.5	246.0	243.1	61.2	19.9	94	0	1
Progeny Ag PGY8116SS	231.4	209.6		63.2	20.2	97	0	3
AgriGold A648-54STX	228.2			61.6	20.6	98	0	3
Local Seed LC1987 VT2P	227.8			61.8	20.8	98	0	3
Progeny Ag PGY9117VT2P	227.6			62.1	19.4	95	0	4
NuTech Seed 78A1AM	227.1			62.7	20.4	95	0	1
Seed Consultants SCS 1170AM	225.2			64.0	19.7	95	0	8
Channel 217-76VT2PRIB	224.6			61.3	18.2	98	0	3
Stewart 17DP387	222.9	208.6	230.9	62.9	20.2	94	0	15
Taylor 8877	221.8			62.4	20.7	99	0	2
Local Seed LCX16-91	221.2			64.1	19.8	98	0	4
Caverndale CF 888 3000GT	219.0	230.5	235.9	60.1	22.8	93	0	0
Seed Consultants SCS 1188AM	218.8			62.3	19.9	98	0	7
DEKALB DKC68-69RIB	218.7			62.9	22.5	95	0	13
ARMOR X9116	218.4			61.3	19.8	94	0	11
Local Seed LC1878 VT2P	216.6			63.5	19.6	97	0	20
Pioneer P1637AM	215.4	210.8	219.8	62.8	18.6	96	0	8
AgriGold A647-46VT2PRO	206.6			62.3	19.5	100	0	5
FS InVISION FS 66ZV1 RIB	206.1	215.3	223.7	62.4	19.6	94	0	1
Local Seed LCX17-98	201.4			60.9	21.2	95	0	2
FS InVISION FS 67SV1 RIB	200.8	216.8		62.1	20.3	92	0	3
Stewart 16DP117	200.2	217.1		61.4	21.6	97	0	4
Local Seed AV7516 YHB	197.0			62.3	20.4	96	0	0
Seed Consultants SCS1168YHR™	193.0	202.1	219.4	61.8	17.8	96	0	5
Stewart 16DP310	192.2			62.2	19.6	97	0	21
Dyna-Gro D58VC65	189.0	216.8	235.9	62.0	19.6	96	0	2
Progeny Ag PGY6116VT2P	188.1	218.3	221.6	59.4	22.9	95	0	1
Dyna-Gro D56VC46	187.3	215.4		61.3	20.4	98	0	4
AgriGold A6659VT2RIB	183.9	219.2	232.3	61.6	19.8	100	0	18
Local Seed LC1776 VT2P	159.1			62.6	20.0	98	0	0
Average	214.8	221.4	230.2	62.0	20.1	96	0	5
C.V.	11.9	12.4	11.9	1.7	4.3	3	600	126
LSD	50.1	37.1	29.7	2.1	1.7	5	0	13

**Late varieties: 115 or more days to maturity

**Shaded cells are not significantly different from top yield (0.10) - Planted: May 15, 2019; Harvested: September 24, 2019

Soil type: Weinbach Silt Loam; Previous crop: Soybean; Fertilizer: 180/98/128 - GNS = Green Snap

State Corn Plot Location - Daviess County - Strode Farms, Laketown Road

**2019 DAVIESS COUNTY ROUNDUP READY/DICAMBA TOLERANT
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:	May 10, 2019
Harvest Date:	September 23, 2019
Planting Population:	150,000
Herbicides:	8 oz. Trivence, 12 oz. Havoc LV6, 44 oz. EnvyMax 6, 16 oz. VisorSMOC, 1.5 pt. Vamos
Fungicides:	6.8 oz. Aproach Prima
Insecticides:	6 oz. Reveal Endurx
Fertility:	None
Primary Soil Type:	Montomery Silty Clay Loam
Row Width:	15 - 15" rows
Plot Location:	Hwy 657
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Seed Consultants SC8279X	58.0	10.7	78.0	14
2. Beck's 2899X2	56.0	10.6	85.2	5
3. Dyna-Gro S28XT58	55.5	10.5	88.6	1
4. NK S29-K3X	56.0	10.5	85.0	6
5. Asgrow AG29X9	56.5	10.4	84.8	7
6. Channel 2918R2X	56.0	10.7	86.1	3
7. AgriGold G2900RX	56.5	10.3	85.4	4
8. Stewart 2949R2X	56.0	10.4	84.3	9
9. Beck's 3091X2	56.5	10.3	84.1	10
10. NK S31-Y2X	55.0	10.2	86.9	2
11. Dyna-Gro S31XT59	54.5	10.3	81.0	13
12. Asgrow AG31XO	56.0	10.0	81.7	12
13. Pioneer P31A22X	56.5	10.2	82.3	11
14. Channel 3220R2X	57.0	10.5	84.3	8
15. Stewart 3229R2X	56.0	10.2	78.0	15
16. Asgrow AG29X8	56.0	10.5	80.0	
17. Asgrow AG27X9	56.5	10.3	75.5	
Plot Average	56.1	10.4	83.0	

**2019 DAVIESS COUNTY ROUNDUP READY/DICAMBA TOLERANT
COMPARISON OF MID MATURITY SOYBEANS - GROUP 3.3 - 3.7**

11 Companies • 19 Varieties

VARIETY	DON & BRIAN CECIL FARMS	PPJ THOMPSON F FARMS	VARIETY AVERAGE
1. Croplan RX33360	89.4	68.7	79.1
2. Beck's 3353X2	80.5	45.6	63.0
3. Pioneer P33A33X	92.9	73.1	83.0
4. Dyna-Gro S35XT97	91.8	60.3	76.0
5. NK S35-K9X	94.2	65.5	79.8
6. Seed Consultants SC8358X	93.7	53.9	73.8
7. Channel 3519R2X	89.6	68.5	79.0
8. AgriGold G3520RX	94.9	71.6	83.2
9. Stewart 3527R2X	97.4	71.8	84.6
10. NuTech 7352X	84.1	70.1	77.1
11. Croplan RX3660	81.8	68.5	75.1
12. Stewart 3628R2X	89.6	69.5	79.5
13. Dyna-Gro S37XS89	95.1	72.4	83.8
14. NK S37.A4X	81.0	63.7	72.4
15. Asgrow AG37X9	111.6	72.4	92.0
16. Seed Consultants SC8379X	75.8	65.6	70.7
17. Channel 3718R2X	107.6	78.6	93.1
18. AgriGold G3722RX	87.8	56.7	72.2
19. Beck's 3789X2	88.5	69.3	78.9

**2019 DAVIESS COUNTY ROUNDUP READY/DICAMBA TOLERANT
MID MATURITY SOYBEAN VARIETY TEST PLOT
(3.3 - 3.7 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Don & Brian Cecil Farms
Planting Date:	May 17, 2019
Harvest Date:	October 3, 2019
Planting Population:	133,000
Herbicides:	1 qt. Roundup, 8 oz. Sterling Blue (dicamba), 24 oz. Gramoxone, 6 oz. Zidua Pro
Fungicides:	7 oz. Quadris Top SB
Insecticides:	3 oz. Endigo
Fertility:	14# N, 46# P ₂ O ₅ , 60# K ₂ O
Primary Soil Type:	Collins Silt Loam
Row Width:	7 - 15" rows
Plot Location:	Short Station Road
Previous Crop:	Corn
Tillage Practice:	Minimal

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Croplan RX3360	56.0	10.4	89.4	12
2. Beck's 3353X2	56.0	10.4	80.5	18
3. Pioneer P33A53X	56.0	10.3	92.9	8
4. Dyna-Gro S35XT97	56.0	10.6	91.8	9
5. NK S35-K9X	57.0	10.6	94.2	6
6. Seed Consultants SC8358X	55.5	10.4	93.7	7
7. Channel 3519R2X	56.0	10.6	89.6	10
8. AgriGold G3520RX	56.0	10.8	94.9	5
9. Stewart 3527R2X	56.5	10.6	97.4	3
10. NuTech 7352X	56.5	10.9	84.1	15
11. Croplan RX3660	56.0	11.0	81.8	16
12. Stewart 3628R2X	56.0	11.6	89.6	10
13. Dyna-Gro S37XS89	56.0	11.3	95.1	4
14. NK S37.A4X	57.0	11.4	81.0	17
15. Asgrow AG37X9	56.0	11.0	111.6	1
16. Seed Consultants SC8379X	55.0	11.0	75.8	19
17. Channel 3718R2X	55.0	11.7	107.6	2
18. AgriGold G3722RX	54.5	12.2	87.8	14
19. Beck's 3789X2	55.0	12.2	88.5	13
Plot Average	55.9	11.0	90.9	

**2019 DAVIESS COUNTY ROUNDUP READY/DICAMBA TOLERANT
MID MATURITY SOYBEAN VARIETY TEST PLOT
(3.3 - 3.7 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	PPJ Thompson Farms
Planting Date:	May 21, 2019
Harvest Date:	October 15, 2019
Planting Population:	140,000
Herbicides:	1 pt. Roundup, 12 oz. 2,4-D, 8 oz. Authority Assist, 2 qt. Firezone
Fungicides:	5 oz. Fortix
Insecticides:	1.5 oz. Sultrus
Fertility:	2 ton Turkey Litter
Primary Soil Type:	Weinbach/Melvin Silt Loam
Row Width:	22 - 7.5" rows
Plot Location:	Bodo Lloyd Road - Beech Grove
Previous Crop:	Corn
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Croplan RX3360	56.0	13.1	68.7	10
2. Beck's 3353X2	56.0	13.1	45.6	19
3. Pioneer P33A53X	55.0	13.0	73.1	2
4. Dyna-Gro S35XT97	55.0	13.0	60.3	16
5. NK S35-K9X	55.5	12.9	65.5	14
6. Seed Consultants SC8358X	56.5	13.1	53.9	18
7. Channel 3519R2X	56.0	13.0	68.5	11
8. AgriGold G3520RX	55.5	12.9	71.6	6
9. Stewart 3527R2X	54.5	12.7	71.8	5
10. NuTech 7352X	56.5	12.6	70.1	7
11. Croplan RX3660	56.5	12.5	68.5	11
12. Stewart 3628R2X	55.5	12.5	69.5	8
13. Dyna-Gro S37XS89	56.5	12.3	72.4	3
14. NK S37.A4X	56.0	12.2	63.7	15
15. Asgrow AG37X9	56.0	12.5	72.4	3
16. Seed Consultants SC8379X	56.5	12.4	65.6	13
17. Channel 3718R2X	56.0	12.4	78.6	1
18. AgriGold G3722RX	56.5	12.3	56.7	17
19. Beck's 3789X2	56.5	12.2	69.3	9
Plot Average	55.9	12.7	66.6	

**2019 DAVIESS COUNTY ROUNDUP READY/DICAMBA TOLERANT
LATE MATURITY SOYBEAN VARIETY TEST PLOT
(3.8 - 5.0 Group)**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Don & Brian Cecil Farms
Planting Date:	May 23, 2019
Harvest Date:	October 23, 2019
Planting Population:	133,000
Herbicides:	1 qt. Roundup, 8 oz. Sterling Blue (dicamba), 24 oz. Gramoxone, 6 oz. Zidua Pro
Fungicides:	7 oz. Quadris Top SB
Insecticides:	3 oz. Endigo
Fertility:	14# N, 46# P2O5, 60# K2O
Primary Soil Type:	Belknap Silt Loam
Row Width:	7 - 15" rows
Plot Location:	Pup Creek Road
Previous Crop:	Corn
Tillage Practice:	Minimal

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. NuTech 38N02X	56.0	14.9	77.8	9
2. Stewart 4029R2X	56.0	14.8	73.0	12
3. AgriGold G4190RX	56.5	15.0	80.0	7
4. Beck's 4119X2	56.5	14.8	63.5	18
5. Asgrow AG42X9	56.0	14.4	88.0	4
6. Channel 4218R2X/SR	56.0	13.9	71.5	15
7. Pioneer P42A96X	56.0	13.8	85.5	5
8. Stewart 4228R2X	57.0	14.2	84.1	6
9. Dyna-Gro S43XS70	57.0	13.8	72.3	14
10. NK S44-C7X	57.0	13.7	92.2	3
11. Seed Consultants SC8459X	58.0	13.7	66.5	17
12. Channel 4519R2X/SR	57.0	13.7	70.1	16
13. NuTech 7450X	56.0	13.8	75.4	11
14. Asgrow AG46X0	57.5	13.6	72.8	13
15. Pioneer 46A57BX	57.3	13.7	92.9	2
16. NK S47-Y9X	57.0	13.7	76.4	10
17. Dyna-Gro S48XT56	58.0	13.5	94.0	1
18. Beck's 4991X2	58.0	13.6	79.2	8
19. AgriGold G5000RX	56.0	13.4	45.8	19
Plot Average	56.8	14.0	76.9	

Cover photo was taken during this plot harvest

2019 DAVIESS COUNTYWIDE LIBERTY TOLERANT SOYBEAN COMPOSITE
7 Companies • 12 Varieties

VARIETY	PAUL HANCOCK	BRIAN NELTNER	AARON WALKER	MARTY MITCHELL	VARIETY AVERAGE	RANK
1. Credenz CZ3519GTLL	54.7	75.6	77.6	56.3	66.0	12
2. Dyna-Gro S37EN39	56.6	81.1	89.7	57.1	71.1	7
3. Seed Consultants SC3374LL	61.8	77.7	79.6	62.5	70.4	8
4. NuTech 38N04L	65.6	82.4	81.5	58.9	72.1	6
5. Pioneer P38A49L	74.6	81.0	76.8	62.3	73.7	3
6. Credenz CZ3929GTLL	60.3	69.5	78.9	56.9	66.4	11
7. NK S39-LLGT27	62.7	67.2	83.8	63.6	69.3	9
8. Dyna-Gro S42EN89	69.1	67.6	74.6	59.8	67.8	10
9. NK S42-LLGT27	72.9	76.4	78.7	66.4	73.6	4
10. Pioneer P44A37L	74.8	82.3	81.2	62.5	75.2	1
11. Beck's 394L4	70.9	76.9	81.1	63.9	73.2	5
12. Beck's 424L4	70.6	82.3	84.3	62.5	74.9	2

**2019 DAVIESS COUNTY
LIBERTY TOLERANT SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Paul Hancock
Planting Date:	May 23, 2019
Harvest Date:	October 5, 2019
Planting Population:	156,500
Herbicides:	Roundup, 2.5 oz. Zidua, Liberty
Fungicides:	None
Insecticides:	None
Fertility:	None
Primary Soil Type:	Elk/Otwood Silt Loam
Row Width:	14 - 15" rows
Plot Location:	Hwy 56
Previous Crop:	Tobacco/Wheat Hay
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Credenz CZ3519GTLL	56.0	9.6	54.7	12
2. Dyna-Gro S37EN39	55.0	9.1	56.6	11
3. Seed Consultants SC3374LL	56.0	9.2	61.8	9
4. NuTech 38N04L	55.5	8.9	65.6	7
5. Pioneer P38A49L	56.0	8.8	74.6	2
6. Credenz CZ3929GTLL	56.0	8.9	60.3	10
7. NK S39-LLGT27	55.5	8.9	62.7	8
8. Dyna-Gro S42EN89	56.0	9.1	69.1	6
9. NK S42-LLGT27	56.0	8.9	72.9	3
10. Pioneer P44A37L	55.0	8.8	74.8	1
11. Beck's 394L4	56.0	9.4	70.9	4
12. Beck's 424L4	55.5	8.9	70.6	5
CredenzDZ4222LL	56.0	8.9	59.9	
Plot Average	55.7	9.0	65.7	

**2019 DAVIESS COUNTY
LIBERTY TOLERANT SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator: Brian Neltner - Settles 3 Chicks Farms
Planting Date: May 21, 2019
Harvest Date: October 14, 2019
Planting Population: 160,000
Herbicides: Roundup, 2.5 oz. Zidua, Liberty
Fungicides: None
Insecticides: None
Fertility: None
Primary Soil Type: Huntington Silt Loam
Row Width: 11 - 15" rows
Plot Location: Laketown Road
Previous Crop: Corn
Tillage Practice: No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Credenz CZ3519GTLL	56.0	10.4	75.6	9
2. Dyna-Gro S37EN39	55.0	13.0	81.1	4
3. Seed Consultants SC3374LL	55.5	10.3	77.7	6
4. NuTech 38N04L	55.0	13.2	82.4	1
5. Pioneer P38A49L	56.5	10.5	81.0	5
6. Credenz CZ3929GTLL	55.5	12.8	69.5	10
7. NK S39-LLGT27	56.0	12.7	67.2	12
8. Dyna-Gro S42EN89	56.0	12.8	67.6	11
9. NK S42-LLGT27	57.0	12.6	76.4	8
10. Pioneer P44A37L	55.0	12.9	82.3	2
11. Beck's 394L4	56.0	12.6	76.9	7
12. Beck's 424L4	55.0	12.5	82.3	2
Plot Average	55.7	12.2	76.7	

**2019 DAVIESS COUNTY
LIBERTY TOLERANT SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Aaron Walker
Planting Date:	May 29, 2019
Harvest Date:	October 15, 2019
Planting Population:	135,000
Herbicides:	Roundup, 2,4-D, Metribuzin, Gramoxone, Zidua Pro, Liberty,
Fungicides:	Top Guard
Insecticides:	Hero
Fertility:	12# N, 30# P ₂ O ₅ , 80# K ₂ O, Boron
Primary Soil Type:	Belknap Silt Loam
Row Width:	7 - 15" rows
Plot Location:	Knottsville-Mt. Zion Road
Previous Crop:	Soybeans
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Credenz CZ3519GTLL	54.0	11.3	77.6	10
2. Dyna-Gro S37EN39	53.0	11.3	89.7	1
3. Seed Consultants SC3374LL	54.5	11.4	79.6	7
4. NuTech 38N04L	53.0	11.3	81.5	4
5. Pioneer P38A49L	54.0	11.1	76.8	11
6. Credenz CZ3929GTLL	54.5	11.4	78.9	8
7. NK S39-LLGT27	54.5	11.6	83.8	3
8. Dyna-Gro S42EN89	55.0	11.6	74.6	12
9. NK S42-LLGT27	55.0	11.4	78.7	9
10. Pioneer P44A37L	54.0	11.7	81.2	5
11. Beck's 394L4	55.0	11.2	81.1	6
12. Beck's 424L4	56.0	11.3	84.3	2
Plot Average	54.4	11.4	80.6	

**2019 DAVIESS COUNTY
LIBERTY TOLERANT SOYBEAN VARIETY TEST PLOT**

Conducted by Daviess Co. Cooperative Extension Service and KCTCS

Cooperator:	Marty Mitchell
Planting Date:	June 14, 2019
Harvest Date:	October 25, 2019
Planting Population:	144,000
Herbicides:	2 qts. Gramoxone SL, 1.25 oz. Sharpen, 1 pt. Firezone, 40 oz. Interline, 12 oz. Clethodim, 2.5 oz. Zidua
Fungicides:	none
Insecticides:	none
Fertility:	0# N, 92# P ₂ O ₅ , 120# K ₂ O
Primary Soil Type:	Otwell Silt Loam
Row Width:	7 - 15" rows
Plot Location:	Oakford Rd
Previous Crop:	Soybean
Tillage Practice:	No-Till

VARIETY	TEST WEIGHT	PERCENT MOISTURE	HARVEST YIELD	RANK
1. Credenz CZ3519GTLL	54.5	13.4	56.3	12
2. Dyna-Gro S37EN39	53.0	14.0	57.1	10
3. Seed Consultants SC3374LL	54.0	14.2	62.5	4
4. NuTech 38N04L	53.5	14.1	58.9	9
5. Pioneer P38A49L	54.0	14.1	62.3	7
6. Credenz CZ3929GTLL	54.0	14.0	56.9	11
7. NK S39-LLGT27	55.0	14.0	63.6	3
8. Dyna-Gro S42EN89	56.0	14.3	59.8	8
9. NK S42-LLGT27	54.5	14.0	66.4	1
10. Pioneer P44A37L	54.5	14.0	62.5	4
11. Beck's 394L4	54.5	14.0	63.9	2
12. Beck's 424L4	53.0	13.7	62.5	4
Plot Average	54.2	14.0	61.1	

2019 SOYBEAN STRIP CHECKS

JASON HAGAN

Brand: AgriGold 3520
Yield/acre: 86.12

Moisture: 11.4
Harvested: 9/18/2019

SCOTT ZOGLMANN

Brand: **Asgrow 36X6**
Yield/acre: 96.83

Moisture: 13.1
Harvested: 10/3/2019

KENTUCKY EXTENSION SOYBEAN PRODUCTION CONTEST
DAVIESS COUNTY ENTRIES

DIVISION I - Single Crop

FISCHER CROSS CREEK FARMS

Planted:	5/7/2019	Harvested:	9/16/2019
Brand:	AgriGold 3722	Moisture:	13.4
Herbicide:	1.5 Pt. Dual, Prefix	Planting Rate:	140,000
Insecticide:	Tombstone	Acreage:	3.1560
Fungicide:	Priaxor	Tillage:	Conventional
Fertility:	VRT P ₂ O ₅ , VRT K ₂ O	Yield/Acre:	101.77

FLATLICK GRAIN FARMS LLC

Planted:	3/23/2019	Harvested:	10/18/2019
Brand:	Dyna-gro 48RS53	Moisture:	13.7
Herbicide:	Sequence, Prefix	Planting Rate:	140,000
Insecticide:	Hero	Acreage:	3.1590
Fungicide:	Quadris Top, Satorium Fitness	Tillage:	Conventional
Fertility:	VRT P ₂ O ₅ , VRT K ₂ O, Reinforce K	Yield/Acre:	101.42
		Check 2:	94.26
		Check 3:	94.92

O'BRYAN GRAIN FARMS

Planted:	4/30/2019	Harvested:	9/22/2019
Brand:	Pioneer 35T58	Moisture:	10.0
Herbicide:	Roundup Ready 2 Yield, Prefix, Glyphosate	Planting Rate:	140,000
Insecticide:	Hero	Acreage:	3.3697
Fungicide:	Quadris Top SBX	Tillage:	Conventional
Fertility:	3 ton Swine Compost	Yield/Acre:	98.65
		Check 2:	95.54
		Check 3:	92.96

PPJ THOMPSON FARMS

Planted:	4/25/2019	Harvested:	9/25/2019
Brand:	Pioneer P39A58	Moisture:	12.6
Herbicide:	1 pt. Roundup, 12 oz. 2,4-D, 8 oz. Authority Assist, 2 qt. Firezone	Planting Rate:	140,000
Insecticide:	1.5 oz. Sultrus	Acreage:	3.1085
Fungicide:	5 oz. Fortix	Tillage:	No-Till
Fertility:	2 ton Poultry Litter	Yield/Acre:	97.80

STEPHEN FARMS

Planted:	5/9/2019	Harvested:	9/11/2019
Brand:	AgriGold G2900RX	Moisture:	19.0
Herbicide:	Roundup, Zidua, Reflex	Planting Rate:	130,000
Insecticide:	Hero	Acreage:	3.1550
Fungicide:	Priaxor, Propistar	Tillage:	No-Till
Fertility:	3 qts. Brandt Smart B-MO	Yield/Acre:	96.30

PPJ THOMPSON FARMS

Planted:	4/24/2019	Harvested:	9/24/2019
Brand:	Pioneer P36A83	Moisture:	10.8
Herbicide:	1 pt. Roundup, 12 oz. 2,4-D, 8 oz. Authority Assist, 2 qt. Firezone	Planting Rate:	140,000
Insecticide:	1.5 oz. Sultrus	Acreage:	4.3750
Fungicide:	5 oz. Fortix	Tillage:	No-Till
Fertility:	2 ton Poultry Litter	Yield/Acre:	88.66

CASTLEN BROTHERS FARMS

Planted:	5/21/2019	Harvested:	10/17/2019
Brand:	Pioneer P42A96X	Moisture:	13.9
Herbicide:	12 oz. Dicamba, 1.5 pts. Boundary, 20 oz. PowerMax, 3pts. Flexstar GT, 1.5 oz. Zidua	Planting Rate:	145,000
Insecticide:		Acreage:	4.9210
Fungicide:	Priaxor	Tillage:	No-Till
Fertility:	2 ton Poultry Litter	Yield/Acre:	86.21

PPJ THOMPSON FARMS

Planted:	4/25/2019	Harvested:	9/23/2019
Brand:	Pioneer P35T58	Moisture:	10.8
Herbicide:	1 pt. Roundup, 12 oz. 2,4-D,	Planting Rate:	140,000
Insecticide:	1.5 oz. Sultrus	Acreage:	4.6700
Fungicide:	5 oz. Fortix	Tillage:	No-Till
Fertility:	2 ton Poultry Litter	Yield/Acre:	77.82

SPARKS FARMS

Planted:	5/23/2019	Harvested:	10/8/2019
Brand:	Asgrow AG42X9	Moisture:	10.8
Herbicide:	Roundup, Verdict, Boundary, Flexstar GT, Dual	Planting Rate:	150,000
Insecticide:	Hero, Endigo	Acreage:	3.6590
Fungicide:	Miravis TOP	Tillage:	No-Till
Fertility:	None	Yield/Acre:	76.12

DIVISION II - Double Crop

GOETZ BROTHERS FARMS LLC

Planted:	7/14/2019	Harvested:	11/4/2019
Brand:	Asgrow A44X6	Moisture:	12.8
Herbicide:	1 qt. Roundup, 1 qt. Engenia	Planting Rate:	160,000
Insecticide:	none	Acreage:	3.8340
Fungicide:	none	Tillage:	No-Till
Fertility:	2.5 gals. 3-18-18	Yield/Acre:	60.91

PPJ THOMPSON FARMS

Planted:	6/20/2019	Harvested:	10/24/2019
Brand:	Pioneer P42A96	Moisture:	11.8
Herbicide:	1 qt. Roundup	Planting Rate:	160,000
Insecticide:	none	Acreage:	6.4740
Fungicide:	none	Tillage:	No-Till
Fertility:	none	Yield/Acre:	54.70

KENTUCKY EXTENSION WHEAT PRODUCTION CONTEST DAVIESS COUNTY ENTRIES

JEFF COKE

Variety:	Pioneer 25R50	Planted:	10/15/18
Herbicide:	None	Harvested:	06/29/19
Insecticide:	None	Moisture:	13.7
Fungicide:	Headline, Miravis Ace	Seeding Rate:	125 lb/ac
Growth Regulator:	Palisade EC	Row Width:	7.5" rows
Fertility:	30# N, 70# P ₂ O ₅ , 120# K ₂ O	Acreage:	5.87
Nitrogen:	70 units 2/20/19, 60 units 4/5/19	Yield/Acre:	114.73
Tillage:	No-Till		

PPJ THOMPSON FARMS

Variety:	Agrimax 454	Planted:	10/18/18
Herbicide:	Harmony .75 oz. 3/22/19	Harvested:	06/26/19
Insecticide:	Lambda T2 2 oz. 3/22/19	Moisture:	14.0
Fungicide:	Caramba 13 oz. 3/22/19	Seeding Rate:	155 lb/ac
Fertility:	2 ton Turkey Litter	Row Width:	7.5" rows
Nitrogen:	100# N	Acreage:	3.12
Tillage:	No-Till	Yield/Acre:	89.76



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