

2024 Kentucky Extension Corn Yield Contest



University of Kentucky,
Kentucky Corn Growers Association
and supporting Agribusinesses.
Traveling Trophies Sponsored by:



Producer Winners

| Division | District | Grower/Farm | County | Brand | Hybrid | Yield, bu/A |
|--|----------|--------------------------|------------|------------------|--------------|-------------|
| State Winners, Tillage and No-Tillage, Non-Irrigated KyCorn "Jack Crowner" Traveling Trophy | | | | | | |
| State Champion | 2 | Scott Zoglmann | Daviess | DeKalb | DKC68-35VT2P | 333.47 |
| 2nd Place | 4 | Padgett Farms | Meade | DeKalb | DKC68-35RIB | 322.27 |
| 3rd Place | 4 | Kenny Straney | Meade | DeKalb | DKC68-35VT2P | 316.83 |
| State Winners, Irrigated H&R Agri-Power Traveling Trophy | | | | | | |
| State Champion | 2 | Tanner Stroup | Daviess | DeKalb | DKC114-99RIB | 318.05 |
| 2nd Place | 3 | Dennis McKay | Henderson | AgriGold | A645-16 | 306.74 |
| 3rd Place | 1 | Dixon Farms | Graves | DeKalb | DKC68-35VT2P | 303.91 |
| State Winners, White Corn, Non-Irrigated Pioneer Traveling Trophy | | | | | | |
| State Champion | 3 | Gene Glenn & Sons | Daviess | Pioneer | P1656WAM | 261.00 |
| District Winners, Tillage and No-Tillage, Non-Irrigated | | | | | | |
| District 2, Tillage | 2 | Andrew Bullock Farms | Muhlenberg | DeKalb | DKC66-06RIB | 226.52 |
| District 3, Tillage | 3 | Flatlick Grain Farms LLC | Daviess | Revere | 1839TC | 308.68 |
| District 4, Tillage | 4 | Ethan Straney | Meade | DeKalb | DKC66-06RIB | 300.20 |
| District 1, No-Till | 1 | Terry Hopper | Fulton | Pioneer | P1656WAM | 210.95 |
| District 3, No-Till | 3 | Cole Hamilton | Daviess | DeKalb | DKC66-06RIB | 314.10 |
| District 4, No-Till | 4 | Ethan Straney | Meade | DeKalb | DKC66-06RIB | 312.46 |
| District 5, No-Till | 5 | Buckler Farm | Shelby | Seed Consultants | SC1112AM | 240.93 |

NCGA Corn Contest Winners for Kentucky are available at: www.ncga.com

Supervisor Awards

| Division | Supervisor | Position | County | Top Three Average Yield, bu/ac | Total Entries Supervised |
|---|------------------------------|--------------------------|---------|--------------------------------|--------------------------|
| No-Till | Clint Hardy | ANR Extension Agent | Daviess | 298.92 | 5 |
| Tillage | Clint Hardy | ANR Extension Agent | Daviess | 315.34 | 11 |
| Irrigated | Bill Brinkley, Andrew Reader | ANR Extension Agent | Logan | 282.53 | 3 |
| Other Supervisors with three or more entries | | | | | |
| No-Till | Troy Muse | Vocational Ag Instructor | Daviess | 292.55 | 3 |
| Tillage | Katie Hughes | ANR Extension Agent | Union | 300.85 | 6 |
| Tillage | Troy Muse | Vocational Ag Instructor | Daviess | 291.86 | 3 |
| Irrigate | Daniel Carpenter | ANR Extension Agent | Hardin | 277.97 | 3 |

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Disabilities accommodated with prior notification.

All Entries

| Division | District | Farmer/ Farm | County | Brand | Hybrid | Yield, bu/A |
|-----------------------------|----------|--------------------------|------------|------------------|---------------|-------------|
| 300 Bushel Club 2024 | | | | | | |
| Tillage | 3 | Scott Zogmann | Daviess | DeKalb | DKC68-35VT2P | 333.47 |
| No-Till | 4 | Padgett Farms | Meade | DeKalb | DKC68-35RIB | 322.27 |
| Irrigated | 3 | Tanner Stroup | Daviess | DeKalb | DKC114-99RIB | 318.05 |
| No-Till | 4 | Kenny Straney | Meade | DeKalb | DKC68-35VT2P | 316.83 |
| No-Till | 3 | Cole Hamilton | Daviess | DeKalb | DKC66-06RIB | 314.10 |
| No-Till | 4 | Ethan Straney | Meade | DeKalb | DKC66-06RIB | 312.46 |
| Tillage | 3 | Flatlick Grain Farms LLC | Daviess | Revere | R1839TC | 308.68 |
| No-Till | 3 | Tanner Stroup | Daviess | DeKalb | DKC68-35VT2P | 307.51 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | DeKalb | DKC68-35VT2P | 306.98 |
| Tillage | 3 | Flatlick Grain Farms LLC | Daviess | DeKalb | DKC66-06RIB | 306.93 |
| Irrigated | 3 | Dennis McKay | Henderson | AgriGold | A645-16 | 306.74 |
| Tillage | 3 | Greenwell Acres | Union | Channel | 215-70TRERIB | 305.94 |
| Tillage | 3 | Gene Glenn & Sons | Daviess | Pioneer | P13777V | 305.86 |
| Irrigated | 1 | Dixon Farms | Graves | DeKalb | DKC68-35VT2P | 303.91 |
| Irrigated | 4 | Paul Howlett | Hardin | DeKalb | DKC68-35VT2P | 302.35 |
| Irrigated | 4 | Paul Howlett | Hardin | DeKalb | DKC66-06RIB | 300.71 |
| Tillage | 4 | Ethan Straney | Hardin | DeKalb | DKC66-06RIB | 300.20 |
| 275 Bushel Club 2024 | | | | | | |
| Tillage | 3 | White Farms | Union | Channel | 214-78DGVT2P | 298.87 |
| Irrigated | 2 | Folz Farms | Christian | Beck's | 6574TCV2P | 298.57 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | DeKalb | DKC68-35VT2P | 298.21 |
| Irrigated | 4 | Armistead Farms | Logan | DeKalb | DKC68-34SS | 298.10 |
| Tillage | 3 | Bickett Farms | Union | DeKalb | DKC114-99RIB | 297.74 |
| No-Till | 3 | John Kuegel Jr | Daviess | Dyna-Gro | D56TC44RIB | 296.05 |
| No-Till | 3 | Johnathan Hagan | Union | DeKalb | DKC65-95RIB | 293.96 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | DeKalb | DKC68-35VT2P | 293.92 |
| No-Till | 3 | Triple T Farms | Daviess | Dyna-Gro | D56TC44RIB | 293.19 |
| Tillage | 3 | Brad Michell | Webster | DeKalb | DKC66-06RIB | 292.45 |
| Tillage | 3 | Hendrickson Farms | Union | Channel | 214-78DGVT2P | 291.91 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | DeKalb | DKC67-44RIB | 288.39 |
| No-Till | 3 | Cole Hamilton | Daviess | DeKalb | DKC68-35RIB | 285.91 |
| Tillage | 3 | Hendrickson Farms | Union | Channel | 214-78DGVT2P | 284.74 |
| Irrigated | 4 | MW Thomast Farms | Hardin | DeKalb | DKC68-35VT2P | 283.59 |
| Irrigated | 2 | Folz Farms | Christian | Beck's | 6973TCV2P | 282.07 |
| Irrigated | 4 | Armistead Farms | Logan | DeKalb | DKC64-22RIB | 281.84 |
| No-Till | 3 | Flatlick Grain Farms LLC | Daviess | Pioneer | P1718AMR | 281.40 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | AgriGold | AG47-42RIB | 277.96 |
| No-Till | 3 | Cole Hamilton | Daviess | NK Brand | NK1082-DV | 277.65 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | Dyna-Gro | D60TC45RIB | 277.28 |
| No-Till | 3 | Cecil Farms Produce LLLC | Hancock | DeKalb | DKC66-06RIB | 275.58 |
| Tillage | 3 | Goetz Brothers Farms | Daviess | DeKalb | DKC66-06RIB | 275.49 |
| Tillage | 3 | Darrell Hagan | Daviess | Channel | 215-60TRE-RIB | 275.36 |
| 200 Bushel Club 2024 | | | | | | |
| No-Till | 4 | Drew Langley | Hardin | DeKalb | DKC66-06RIB | 273.80 |
| Irrigated | 4 | Armistead Farms | Logan | Revere Seed | 1839TC | 267.65 |
| Irrigated | 4 | Walnut Grove Farms | Logan | Pioneer | P1718CONV | 267.00 |
| Tillage | 3 | Darrell Hagan | Daviess | AgriGold | AG645-16VTRIB | 266.25 |
| White | 3 | Gene Glenn & Sons | Daviess | Pioneer | P1656WAM | 261.00 |
| Tillage | 3 | Flatlick Grain Farms LLC | Daviess | AgriGold | AG47-42TRCRIB | 259.87 |
| Irrigated | 4 | Wesley Thomas | Hardin | AgriGod | AG648-30 | 249.61 |
| No-Till | 5 | Buckler Farm | Shelby | Seed Consultants | SC1112AM | 240.93 |
| Tillage | 2 | Andrew Bullock Farms | Muhlenberg | DeKalb | DKC66-06RIB | 226.52 |
| No-Till | 1 | Terry Hopper | Fulton | Pioneer | P1656WAM | 210.95 |
| Irrigated | 1 | Hopper Farms Inc | Fulton | DEKalb | DKC68-35RIB | 208.58 |
| Other Participants | | | | | | |
| Irrigated | 1 | Hopper Farms Inc | Fulton | Pioneer | P156WAM | 167.84 |

General Summary

| Division | 2024 Average | |
|-----------|--------------|---------------|
| | Yield, bu/A | Total Entries |
| Overall | 284.40 | 53 |
| No-Till | 286.84 | 15 |
| Tillage | 289.68 | 22 |
| Irrigated | 275.77 | 15 |
| White | 261.00 | 1 |
| Winners | 291.15 | 14 |

Past State Champions, Non-Irrigated

| Year | Grower/Farm | Bu/A | Year | Grower/Farm | Bu/A |
|------|-----------------------|--------|------|--------------------------------------|--------|
| 1981 | Barton Brothers | 213.17 | 2003 | Schwenke Brothers | 296.94 |
| 1982 | Marion Howard | 249.51 | 2004 | Schwenke Brothers | 291.40 |
| 1983 | Ollis Popplewell | 186.60 | 2005 | Martin Farms | 251.83 |
| 1984 | Steve Carraway | 216.25 | 2006 | Schwenke Brothers | 274.04 |
| 1985 | Fall Creek Farms | 224.31 | 2007 | PPJ Thompson Farms | 297.09 |
| 1986 | David Robinson | 212.69 | 2008 | Joe Nichols, Seven Springs Farms | 290.30 |
| 1987 | Gary and Mike Smith | 208.32 | 2009 | Marcus Huffman | 295.56 |
| 1988 | Leon and Steven Terry | 200.05 | 2010 | Schwenke Brothers | 269.75 |
| 1989 | Eddie Voils | 216.59 | 2011 | John L. Wilson | 266.45 |
| 1990 | Steve Carraway | 246.97 | 2012 | Paul Bickett, Bickett Farms | 288.79 |
| 1991 | James C. Bickett | 214.74 | 2013 | Greenwell Acres | 297.22 |
| 1992 | Schwenke Brothers | 243.72 | 2014 | Jim Bickett | 310.91 |
| 1993 | James C. Bickett | 217.88 | 2015 | Ben Furnish, Furnwood Farms | 315.84 |
| 1994 | Schwenke Brothers | 255.47 | 2016 | Homestead Family Farms | 280.17 |
| 1995 | Tom Howard | 220.18 | 2017 | Patty Griffith, Griffith Farms | 319.95 |
| 1996 | Sexton Bros. & Cooley | 245.94 | 2018 | Greenwell Acres | 319.69 |
| 1997 | David Weatherly | 239.27 | 2019 | Jake Hunt, Hunt Farms | 319.92 |
| 1998 | David W. Hatton | 260.62 | 2020 | Kevin Hayden | 324.98 |
| 1999 | Bickett Farms | 247.73 | 2021 | John & Mark Mitchell | 328.70 |
| 2000 | David Peterson | 252.27 | 2022 | Kevin Hayden | 300.12 |
| 2001 | David W. Hatton | 294.18 | 2023 | Kelly & Chris Padgett, Padgett Farms | 337.32 |
| 2002 | Peterson Dairy Farms | 231.51 | 2024 | Scott Zoglmann | 333.47 |

Winner Practices (14 State and District Winners)

| | Row Width, Inches | Planting Date | Harvest Date | Planting to Harvest, Days | Planted Seeds/A | Harvested Plants/A |
|----------------|----------------------------|---|---|-----------------------------|----------------------------|----------------------------|
| Average | 2.2 | May 2 | Sep 28 | 148 | 34,615 | 33,167 |
| Range | 1.67-2.5 | Apr 22 to May 22 | Sep 05 to Nov 18 | 127-209 | 32,000-38,000 | 29,500-36,000 |
| | Total N, lb/A ^α | Total P ₂ O ₅ , lb/A ^α | Total K ₂ O, lb/A ^α | Total Zn, lb/A ^α | Total S, lb/A ^α | Total B, lb/A ^α |
| Average | 222 | 88 | 116 | 5 | 28 | 7 |
| Range | 150-350 | 21-200 | 16-288 | 2-10 | 12-48 | 5-10 |

^α Values for P₂O₅, K₂O, Zn, S, and B are only for those entries that applied nutrients and included products with a nutrient analysis. Several entries listed liquid B and/or liquid Zn with no nutrient analysis. These fertilizers could not be included in the calculations.

| Hybrids | Other Fertilizers | Herbicide(s) | Fungicide(s) |
|---|--|--|--|
| AgriGold A645-16 DeKalbDKC114-99RIB DeKalb DKC66-06RIB (4) DeKalb DKC68-35RIB DeKalb DKC68-35VT2P (3) Pioneer P1656WAM Pioneer P1656WAM Revere 1839TC Seed Consultants 1112AM | Mn, 1 g/A; Mo and Cu, 1 qt/A K-Leaf, 1 qt/A; Sulfur EZ, 1 qt/A Sweet Load 4-0-3-25, 2 qt/A | Acuron; 2,4-D; Roundup Gramoxone; Atrazine; glyphosate Roundup PowerMax; Laudis Roundup; Explorer; Atrazine Roundup; Accura 6T; Gramoxone Roundup; Atrazine; Acuron; Status Roundup; Explorer; Atrazine (2) Roundup; Gramoxone; Acuron (3) Roundup; Realm Q; Atrazine Verdict; Roundup; Incinerate; Acuron; Atrazine | Preemptor; Veltyma Trivapro (4) Trivapro; Xyway LFR Veltyma (2) Veltyma; DelaroComplete Veltyma; Trivapro Zyway LFR; Miravis Neo |
| County | N Efficiency (lb N/bu Corn) | Previous Crop | Insecticide(s) |
| Daviess (5) Fulton Graves Henderson Meade (4) Muhlenberg Shelby | Average: 0.76 Range: 0.59-1.11 | Soybeans (12) Corn Wheat/DC Soybeans | Lambda Lamcap II Tombstone (4) |
| Starter Fertilizer | Seed Treatments | Cover crops in Last 3 years | Soil Type |
| 3-24-6, 5 g/A Coron, 1 g/A Pinpoint ortho, 3 g/A sugar, carbon | Acceleron Lumifen | Barley/wheat (4) None (2) Product Not stated Cereal Rye | Eik/Nolin Nolin (3) Shb |
| Tillage | Years in No-Till | Planter | Harvester |
| No-Till (6) Tillage (6) | Average: 10.5 years Range: 1-20 years | CASE IH 2150 (2) CASE IH 9250 John Deere 1770NT John Deere DB60 (5) Kinze 2300 Kinze 3600 | CASE IH 9250 AF (2) CASE IH 1660 CASE IH 7240 CASE IH 8010 (3) John Deere 1700 John Deere S680 (2) John Deere S780 |
| Deep Tillage | Planter Setup | | |
| No (5) Yes | Martin Row Cleaners (2) Yetter Row Cleaners; Martin Spiked Closing Wheel | | |

Products are not listed in order of entry. Numbers in parenthesis indicate the number of producers/farms that reported using the product(s).

300 Bushels Club Practices (17 entries)

| | Row Width, Inches | Planting Date | Harvest Date | Planting to Harvest, Days | Planted Seeds/A | Harvested Plants/A |
|----------------|-------------------|---|---|-----------------------------|----------------------------|----------------------------|
| Average | 2.38 | May 1 | Sep 20 | 142 | 35,375 | 34,044 |
| Range | 1.67-3.17 | Apr 06 to May 31 | Sep 05 to Nov 18 | 127-161 | 32,000-40,000 | 29,500-38,000 |
| | Total N, lb/A | Total P ₂ O ₅ , lb/A ^α | Total K ₂ O, lb/A ^α | Total Zn, lb/A ^α | Total S, lb/A ^α | Total B, lb/A ^α |
| Average | 234 | 79 | 127 | 3 | 24 | 4 |
| Range | 180-350 | 21-200 | 16-288 | 1-5 | 12-48 | 1-6 |

^α Values for P₂O₅, K₂O, Zn, S, and B are only for those entries that applied nutrients and included products with a nutrient analysis. Several entries listed liquid B and/or liquid Zn with no nutrient analysis. These fertilizers could not be included in the calculations.

| Hybrids | Other Fertilizers, etc. | Herbicide(s) | Fungicide(s) |
|-------------------------|-----------------------------------|--|----------------------------|
| AgriGold A645-16 | Mn, 1 g/A, Mo and Cu, 1 qt/A | Acuron; 2,4-D; Roundup | Trivapro (5) |
| Channel 215-70TRERIB | K-Leaf, 1 qt/A; Sulfur EZ, 1 qt/A | Acuron | Trivapro; Xyway LFR (2) |
| DeKalb DKC114-99RIB | Biological (2) | Acuron; Atrazine; Roundup | Veltyma (3) |
| DeKalb DKC66-06RIB (5) | | Gramoxone; Atrazine; Acuron; 2,4-D; Halex (2) | Veltyma, Delaro |
| DeKalb DKC68-35RIB | | Roundup PowerMax; Laudis | Veltyma; DelaroComplete |
| DeKalb DKC68-35VT2P (6) | | Roundup; Accura 6T; Gramoxone | Veltyma; Trivapro |
| Pioneer P13777V | | Roundup; Acuron; Sequence; Atrazine | Zyway LFR; Miravis Neo (2) |
| Revere 1839TC | | Roundup; Atrazine; Acuron; Status (2) | |
| | | Roundup; Explorer; Atrazine (2) | |
| | | Roundup; Gramoxone; Acuron (2) | |
| | | Verdict; Roundup; Incinerate; Acuron; Atrazine | |

| County | N Efficiency (lb N/bu Corn) | Previous Crop | Insecticide(s) |
|-------------|-----------------------------|-------------------|----------------|
| Daviess (8) | Average: 0.76 | Corn | Hero |
| Graves | Range: 0.59-1.11 | Soybeans (14) | Lambda |
| Hardin (3) | | Wheat/DC Soybeans | Tombstone (3) |
| Henderson | | | |
| Meade (3) | | | |
| Union | | | |

| Starter Fertilizer | Seed Treatments | Cover crops in Last 3 years | Soil Type |
|---------------------------|-----------------|-----------------------------|-----------|
| 15-14-3-5, 12 g/A | Acceleron | Barley/wheat (3) | Cider (2) |
| 3-18-18, 15, g/A | | Cereal rye (3) | Elk/Nolin |
| 3-24-6, 5 g/A | | Yes, no species listed | Nolin (3) |
| Concept-Agri-Tek | | | Patton |
| Coron, 1 g/A | | | |
| Pinpoint ortho, 3 g/A (2) | | | |
| sugar, carbon | | | |

| Tillage | Years in No-Till | Planter | Harvester |
|-------------|---------------------------|---------------------|---------------------|
| Tillage (9) | Average: 12 years | CASE IH 2150 (2) | CASE IH 9250 AF (2) |
| No-Till (7) | Range = 1-20 years | CASE IH 9250 | CASE IH |
| | | John Deere (2) | CASE IH 8010 (2) |
| | | John Deere 1770 NT | John Deere 1700 |
| | | John Deere 1770NT | John Deere 9410 (2) |
| | | John Deere DB60 (3) | John Deere S680 (2) |
| | | Kinze 2000 (2) | John Deere S780 (2) |

Products are not listed in order of entry. Numbers in parenthesis indicate the number of producers/farms that reported using the product(s).

275 Bushels Club Practices (24 entries)

| | Row Width, Inches | Planting Date | Harvest Date | Planting to Harvest, Days | Planted Seeds/A | Harvested Plants/A |
|----------------|-------------------|---|---|-----------------------------|----------------------------|----------------------------|
| Average | 2.5 | Apr 27 | Sep 18 | 144 | 35,219 | 33,133 |
| Range | 2.5-2.5 | Apr 01 to May 30 | Aug 26 to Oct 31 | 129-169 | 32,000-44,000 | 26,000-42,000 |
| | Total N, lb/A | Total P ₂ O ₅ , lb/A ^α | Total K ₂ O, lb/A ^α | Total Zn, lb/A ^α | Total S, lb/A ^α | Total B, lb/A ^α |
| Average | 237 | 88.56 | 119.34 | 0.81 | 31.83 | 0.70 |
| Range | 144-350 | 0-200 | 0-210 | 0-1.5 | 15-96 | 0-1 |

^α Values for P₂O₅, K₂O, Zn, S, and B are only for those entries that applied nutrients and included products with a nutrient analysis. Several entries listed liquid B and/or liquid Zn with no nutrient analysis. These fertilizers could not be included in the calculations.

| Hybrids | Other Fertilizers | Herbicide(s) | Fungicide(s) |
|-------------------------|---------------------------------------|--|------------------------------|
| AgriGold AG47-42RIB | K-Leaf, 1 qt/A; Sulfur EZ, 1 qt/A (2) | Acuron | Miravis; Veltyma |
| Beck's 6574TCV2P | Convoy 27.5 g/A; Humic Acid; | Acuron GT | Top Guard EQ |
| Beck's 6973TCV2P | Novus-K; Immense-Yield; V-Agri; | Acuron; Atrazine; Roundup (6) | Trivapro (8) |
| Channel 214-78DGV2P (3) | Spike; Anova | Acuron; Atrazine; Roundup; Halex GT | Veltyma; Catalyst |
| Channel 215-60TRE-RIB | Mo, 4 oz/A | Armezon Pro; Status; Atrazine; Roundup; Sharpen; | Xyway LFR; Miravis Neo |
| DeKalb DKC114-99RIB | | 2,4-D; Zidua SC | Xyway LFR; Trivapro (7) |
| DeKalb DKC64-22RIB | | Glyphosate; Atrazine, Zidua SC; Impact | Xyway LFR; Veltyma |
| DeKalb DKC65-95RIB | | Glyphosate; Acuron; Atrazine: Status | Xyway; Azoxyp; Top Gaurd (2) |
| DeKalb DKC66-06RIB (3) | | Gramoxone; Atrazine; Storen | |
| DeKalb DKC67-44RIB | | HalexGT; Status: Boundless Xtra | |
| DeKalb DKC68-34SS | | Roundup PowerMax; Atrazine; Capreno | |
| DeKalb DKC68-35RIB | | Roundup PowerMax; Dicamba Max 4; Leadoff; | |
| DeKalb DKC68-35VT2P (3) | | Acuron; Roundup PowerMax; Atrazine; Status (2) | |
| Dyna-Gro D56TC44RIB (2) | | Roundup PowerMax3 + Atrazine + Balance Flexx fb | |
| Dyna-Gro D60TC45RIB | | PowerMax3 + Atrazine + Explorer (2) | |
| NK Brand NK1082-DV | | Roundup; Gramoxone; Acuron (2) | |
| Pioneer P1718AMR | | Roundup; Atrazine; Armezon Pro (2) | |
| | | Verdict; Acuron GT | |

| County | N Efficiency (lb N/bu Corn) | Previous Crop | Insecticide(s) |
|---------------|-----------------------------|-----------------------|------------------------------|
| Christian (2) | Average: 0.83 | Soybeans (16) | Sultris |
| Daviess (12) | Range: 0.5-1.2 | Wheat/DC Soybeans (7) | None (2) |
| Hancock | | | Bifenthrin (2) |
| Hardin | | | Lambda (5) |
| Logan (2) | | | Sultris; Hero |
| Union (5) | | | Sniper (2) |
| Webster | | | Hero |
| | | | Ethos; Reveal; Endurex; Hero |
| | | | Tundra |

| Starter Fertilizer | Seed Treatments | Cover crops in Last 3 years | Soil Type |
|---|---------------------------|-----------------------------|-----------|
| Product Not Mentioned (2) | Escalate (2) | Barley/wheat | Crider |
| Coron, 1 g/A (2) | Poncho | None (5) | Nicholson |
| Nitrogen Xyway, 1g/A (2) | Product Not Mentioned (2) | Yes, no species listed | Patton |
| 10-34-0 + sulfur | | | Pembroke |
| Convoy, 12 g/A | | | |
| Convoy, 12.5 g/A; Pinpoint Ortho, 3 g/A | | | |
| 3-18-18, 15 g/A (6) | | | |
| N+S Blend (2) | | | |

| Tillage | Years in No-Till | Planter | Harvester |
|-----------------------------|-----------------------------|-----------------------|---------------------|
| Tillage (11) | Average: 3.5 years | John Deere 1775NT (6) | CASE IH 8250 (2) |
| S: Kelly Diamond Harrow (2) | Range: 2-5 years | John Deere (6) | CASE IH 8260 (2) |
| Min-Till (2) | | John Deere DB44 (2) | CASE IH (6) |
| No-Till (7) | | John Deere 1770 NT | John Deere S780 (2) |
| | | Kinze 3600 | John Deere S680 |
| | | John Deere 1770 | John Deere X9 1000 |
| | | John Deere 1795 | John Deere S770 |
| Deep Tillage | Planter Setup | Kinze 3660 | CASE IH 9250 (2) |
| No (3) | Row Cleaners (2) | CASE IH 2150 | CASE IH 7250 |
| Yes (2) | Row Cleaners, 2x2x0, Yetter | Kinze | CASE IH 7240 |
| | Twisters (2) | | CASE IH 9240 |

Products are not listed in order of entry. Numbers in parenthesis indicate the number of producers/farms that reported using the product(s).

200 Bushels Club Practices (11 entries)

| | Row Width, Inches | Planting Date | Harvest Date | Planting to Harvest, Days | Planted Seeds/A | Harvested Plants/A |
|----------------|----------------------------|---|---|-----------------------------|----------------------------|----------------------------|
| Average | 2.35 | Apr 25 | Sep 18 | 159 | 33,656 | 33,143 |
| Range | 1.67-2.50 | Apr 12 to May 21 | Aug 26 to Oct 31 | 135-209 | 28,559-38,000 | 30,500-36,000 |
| | Total N, lb/A ^α | Total P ₂ O ₅ , lb/A ^α | Total K ₂ O, lb/A ^α | Total Zn, lb/A ^α | Total S, lb/A ^α | Total B, lb/A ^α |
| Average | 213.44 | 71.57 | 95.14 | 10 | 22 | 10 |
| Range | 141-245 | 46-100 | 60-200 | 10-10 | 9-36 | 100 |

^α Values for P₂O₅, K₂O, Zn, S, and B are only for those entries that applied nutrients and included products with a nutrient analysis. Several entries listed liquid B and/or liquid Zn with no nutrient analysis. These fertilizers could not be included in the calculations.

| Hybrids | Other Fertilizers | Herbicide(s) | Fungicide(s) |
|--|--|---|---|
| AgriGod AG648-30 AgriGold AG47-42TRCRIB AgriGold AG645-16VTRIB DeKalb DKC66-06RIB (2) DeKalb DKC68-35RIB Pioneer P1656WAM (2) Pioneer P1718CONV Revere Seed 1839TC Seed Consultants SC1112AM | Manure, 1 T/A Sweet Load 4-0-3-25, 2 qt/A | Atrazine; Roundup Roundup PowerMax; Dicamba Max 4; Leadoff; Acuron; Roundup PowerMax; Atrazine; Status Roundup; Leadoff; Dicamba; Atrazine:Steadfast;Status HalexGT; Status: Boundless Xtra Roundup; Gramoxone; Acuron Roundup; Atrazine; Acuron; Status Acuron; Atrazine Gramoxone; Atrazine; Glyphosate Roundup; Realm Q; Atrazine | Trivapro (3) Veltyma (3) Zyway LFR; Miravis Neo Preemptor; Veltyma |

| County | N Efficiency (lb N/bu Corn) | Previous Crop | Insecticide(s) |
|---|-------------------------------|--|---|
| Hardin (2) Logan (2) Davies (3) Shelby Muhlenberg Fulton (3) | Average: 0.86 Range: 0.5-1 | Soybeans (10) Wheat/DC Soybeans (2) | Bifenthrin (2) Hero Lamcap II Tundra |

| Starter Fertilizer | Seed Treatments | Cover crops in Last 3 years | Soil Type |
|---|--------------------------|------------------------------------|------------------------------|
| Convoy, 12 g/A Pinpoint ortho, 3 g/A PPST 250 Product Not Stated | Acceleron Lumifen (2) | none (4) Yes, no species listed | Crider Pembroke Shelby |

| Tillage | Years in No-Till | Planter | Harvester |
|--|---|---|--|
| Tillage (2) Min-Till No-Till (6) In-line Ripper | Average: 23.33 years Range 15-40 years | John Deere DB44 Kinze 3600 Kinze 3660 Kinze John Deere 1770NT John Deere DB 60 (3) Kinze 2300 Great Plains 3PYPA | John Deere S780 (2) CASE IH 7250 CASE IH 7240 (2) CASE IH 2388 CASE IH 1660 CASE IH 9250 AF (2) |
| Deep Tillage | Planter Setup | | |
| No (3) Yes (2) | 50 1775 Row Cleaners Row Cleaners Yetter Row Cleaners; Martin Spiked Closing Wheel | | |

Products are not listed in order of entry. Numbers in parenthesis indicate the number of producers/farms that reported using the product(s).