

# NATIONAL CORN YIELD CONTEST

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Chris Edgington, President  
National Corn Growers Association

## A Message From the President

In 2021, America's farmers took to the field for another season that proved they can still hit it out of the park. They played the long game, moneyballed their operations using data and precision agriculture, and showed how corn is truly America's crop.

The National Corn Growers Association shared

the incredible story of corn through baseball at the Field of Dreams game in August as David Hula, of Charles City, Virginia, produced another national record high of 602.1684. A contest all-star, this was the second time David surpassed the 600 bushel per acre yield.

Contest entrants show that the bench is deep. While there is no overall contest winner, yields from first, second and third place farmers overall production categories topped out at 282.80 bushels per acre, one hundred bushels-per-acre more than the national average of 177.

What makes the contest truly great, though, is the love of the game. 2021's contest saw 7,213 entries. Despite the ever-evolving nature of the stressors they faced this season, farmers submitted 2,405 harvest results, keeping with the rate of completion seen on average in a normal year.

To every entrant, thank you, both personally and on behalf of the entire association.

When it comes to the contest, everyone does truly win. Contest participants play an important role in building collective knowledge that enables a strategic, data-driven moneyball style of farming through precision agriculture that is helping farmers grow more with less even when facing challenging conditions. Their accomplishments highlight not only personal triumphs but also

the collective achievements of the industry that supports them.

Like every great contest of skill, the integrity of the National Corn Yield Contest plays an essential role in making it a success. Volunteer supervisors generously give their personal time and energy to ensure the integrity of this endeavor year after year. These crop advisors, extension personnel, government employees and financial professionals provide a valuable service to our industry as a whole.

Seed companies showed their steadfast support for the National Corn Yield Contest in 2021. The farming champions who enter the contest showcase seed companies' vast array of offerings, letting fans gain a direct line-of-sight that helps them farm like the pros.

I extend special thanks to our generous contest sponsors for 2021: **BASF Corporation**, **John Deere** and **Pioneer**. These companies demonstrate unwavering commitment year after year to building a brighter future for farmers and the world that is depending on agriculture to come through even when the count is down.

The National Corn Growers Association takes to the field to add up wins for farmers. NCGA is a team. Every corn farmer plays a key role when they join. From hitting line drive singles by writing letters to Congressional representatives, by making a call to an office on the Hill, to helping bridge the distance between the plate and farm gate for consumers, every play counts. Together, we field a championship team today to create tomorrow's ag success stories for America's farm families.

Working together works. ●



### ABOUT THE COVER

#### Harvest 2020

Grand Prize winner of the Fields of Corn Photo Contest. Photo by Macallum Steen

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# Sustainable Practices Drive Decisions and Profits

**K**evin Ross is a sixth-generation farmer and the father of four young sons he hopes will want to farm someday. But Ross knows he needs to be a good steward of the land to pass down the family operation to the next generation. That's why the past president of the National Corn Growers Association (NCGA) focuses on sustainable practices to save soil, improve water quality, use crop nutrients responsibly and boost profits.

It's a formula being embraced by corn growers across the country.

"There is no one size fits all that will improve the economic and environmental resiliency for

## Corn growers embrace land stewardship systems that benefit farmers today and tomorrow.

future generations. Every farm has different variables at play in terms of soils, geography and best management practices," says Ross, who no-tills his Minden, Iowa, fields.

"NCGA is sharing how modern corn farming is headed in a good direction. Farmers care about the soil, water and air as seen in the amount of work they have already done to make improvements. Now, we need to take those efforts to the next level," he adds.

Here are how three other corn growers are adopting multiple practices to raise the bar on sustainable corn production.

### Small Changes Pay Off

Stuart Sanderson and his farm partners have mastered the art of making small changes that add up and pay off. Through input cost savings, improved efficiencies and on-farm research, they are shrinking their environmental footprint and seeing sustained profitability.

"You have to control the variables you can and work with the ones you can't," stresses Sanderson. "We identify the little things we can change and work through them in small increments, from pennies to dimes to quarters, to where

we can show a significant cumulative savings."

Sanderson farms near Madison, Alabama, with his son, Spencer, cousin, Chad Henderson and son Jackson, and uncle, Mike Henderson, raising 2,800 acres of corn, 2,500 acres of wheat and 4,000 acres of soybeans in no-till, strip-till and conventional systems, both irrigated and dryland. They perform on-farm research on 200 acres to help guide them on what practices are best for all three crops.

"We compile our data and look at soil and weather to micromanage our nutrient use," he says. "We determine the best timing for each crop to use certain nutrients. If we can stack nutrients at planting, our environmental footprint goes down using less energy and with less leaching."

Pre- and post-harvest soil analysis provide nutrient uptake data. With a close eye on nitrogen, Sanderson has dropped from a 1-1.1 ratio of nitrogen per bushel of corn to 0.6-0.7. Converting their irrigation system from diesel to three-phase electric power upped energy efficiency and lowered costs by up to 30%. New drop nozzles and rotator heads get water into the corn canopy.



Stuart Sanderson

"We were losing a quarter inch of water with the older system," he points out. "Drop nozzles allow us to use almost 100% of what is applied, and we are 25-30% more efficient with the irrigation water," says Sanderson. "Together with the electric system, we cut 60% off our irrigation bill."

Weather can't be controlled, so Sanderson stays flexible in the fall to make tillage decisions. Wet weather at harvest creates compaction and rutting issues, so some tillage is needed. When he can leave soybean stubble, Sanderson strip-tills nutrients in

*Stuart Sanderson uses on-farm research and extensive data to determine what practices will enhance his sustainability footprint while increasing profit potential.*

the fall to save money and trips across the field.

His approach to sustainability is working. Sanderson says they are growing record corn crops, having increased from their first no-till irrigated NCGA National Corn Yield Contest entry of 240 bushels per acre to 355 bushels last year. Protecting corn from in-season stress mitigates weather setbacks.

He offers this advice. "Be a good steward of land, energy and water, but also be a progressive marketer. That is part of long-term farming sustainability."

### Modify Management On Every Field

Eugene Anderson farms fertile, flat black soils near Waltham, Minnesota. But he doesn't take these rich soils for granted. Instead, Anderson customizes management tactics to enhance its productivity.

"I place a lot of emphasis on choosing the right hybrids for fields and on managing diseases and weeds. You have to keep the soil clean here to keep it productive," says Anderson, who grows

corn, soybeans and hay. While he has retired from the dairy business, he still runs some dairy heifers and Angus cattle, and has made efficient use of cow manure as fertilizer.

"The ground is really fertile from cow and, more recently, hog manure," says Anderson. "I apply anhydrous ammonia to corn acres in the fall and sidedress nitrogen in the spring."

Maintaining waterways is critical to keep soil and nutrients in place in the well-drained fields. He has invested in a tile system and bales hay from the waterways to maximize land use and profitability. And while conventional wisdom in some parts of the country might frown ▶



*Eugene Anderson relies on grass waterways to keep soil and nutrients in place.*

Eugene Anderson

Kevin Ross



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upon moldboard plowing from a sustainability practice perspective, it's useful in southern Minnesota. Anderson moldboard plows corn stalks in the fall, which he says buries some residue and helps reduce



Anderson installed tile lines to increase productivity in fields.

disease and pest pressure the following year, cutting costs.

"I have never had a problem with soil erosion," he adds. "You have to go with what works, and in this area, that means treating the soil so it can be the most productive."

Soils warm up sooner with less residue, allowing Anderson to plant corn earlier. He says getting in the field sooner increased yields by about 30 bushels per acre, for example, in his winning non-irrigated 2017 NCGA National Corn Yield Contest entry.

"I plant a good hybrid and place a lot of emphasis on disease and corn rootworm control and use a fungicide spray. My yields have continued to increase," he says. "Timing is everything."

Anderson advises younger generation farmers to pay close attention to soil erosion potential and manage it accordingly for their own farms. For some that may mean using tillage, while other soils require keeping more crop residue on the surface.

In the end, however, some things are out of your control. "When you have good soil

conditions and manage seed spacing and depth control, you get the crop off to a good start. That helps with profitability," says Anderson. "Do the best job you can, but remember it is up to Mother Nature to finish it off. You can only do so much."

### Keep An Open Mind

First-generation farmer Caleb Traugh has only been farming for five years, but he sees that as an advantage making decisions for the 600 acres he farms with friend, Josh Creel. He's willing to learn and try new ideas to keep the farm environmentally and economically sustainable.

"I am not limited to doing things the way dad or grandpa did, so I will try anything that looks like it might work. I don't allow being a new farmer to hold me back," says the 25-year-old. "If I see something that works in another area of the country, I will adapt it for our farm. I may be the only one trying it here, but so far that strategy has been really beneficial."

Traugh farms with Creel near Blakely, Georgia, growing corn, cotton, peanuts and oats. Traugh also works as a local

Caleb Traugh strip-tills and bands fertilizer in the row to save soil and reduce input costs.



soil consultant, giving him opportunities to learn from other farmers while gaining perspective across thousands of acres on what management practices are effective.

"The gospel on this farm is the 4Rs—right source, right rate, right time and right place. We strive to do more with less and unlock the soil's full potential as we fine-tune soil structure," he says.

"It is working. We actually found earthworms in our light, sandy soils (see photo above) this year, which is an uncommon sight in southern Georgia. We have reduced erosion to nearly nothing and see better water-holding capacities."

Traugh strip-tills corn and cotton, plants cover crops on 100% of acres to recycle nutrients and variable rate applies all nutrients banded in the rows; first with

dry fertilizer at planting, using Y-drops in-season and adding biologicals to reduce fertilizer use by 40%.

"We are becoming more efficient and still see our yields climb," he says. "The biggest impact is from banded fertilization and improving irrigation management. Banding is key to more efficient

plant nutrition and better yields and is enhanced by providing adequate irrigation at critical plant growth stages."

Soil moisture sensors have been added to dictate when to irrigate and improve water use efficiency. Over the last five seasons, average corn yields rose 10% per year while input costs declined.

"Sustainability is about protecting the environment long-term, but it also is about protecting your economics. We are just starting out and have limited capital. With input costs expected to rise this year, improving crop yields and focusing on return on investment is critical to our sustainability," he says. ■

## NCGA Sets Sustainability Goals

NCGA documented in 2021 how U.S. corn growers embrace sustainable practices to improve production and advance efficiencies in its Corn Sustainability Report, spelling out five goals to reach by 2030: [www.ncga.com/sustainability](http://www.ncga.com/sustainability)



### Goal 1: Increase land use efficiency by 12%

Rapid advancements in technology have given corn farmers the tools to grow more corn with fewer inputs on the same number of acres. Since 1980, U.S. farmers have decreased the amount of land required to produce a bushel of corn by 41% and reduced soil loss per acre by 58%.

"Biotechnology, cover crops, precision ag and reduced tillage have all contributed to increase corn production from the same ground," says Kevin Ross, NCGA Past President. "Farmers can continue to get higher yields with this combination of intensive farming tools while also making efficient use of nitrogen, maximizing equipment capabilities and managing for profitability."

### Goal 2: Reduce soil erosion by 13%

The decline in soil loss during the last 35 years is a direct response to reduced- and no-till adoption, accelerated by the use of biotechnology, weed management and tools that handle variables that affect soil health and productivity. In the future, the use of more cover crops, grassed waterways and stream buffers will diminish erosion and expand carbon sequestration, organic matter and nutrient availability.

"Farmers are building organic matter. We need to keep that in place," says Ross. "Less soil erosion reduces sediment and nutrients leaving the farm and negatively affecting water quality."

### Goal 3: Increase irrigation water use efficiency by 15%

Improved irrigation efficiencies since 1980 have led to per bushel declines in water use of 46%. Some of those



practices include sensors that provide soil moisture readings to indicate when irrigation is needed, remote pivot control and variable rate zoned irrigation.

"All of this increases water use efficiency, which is critical in states where water is limited and corn production is critical for feeding livestock," says Ross.

### Goal 4: Increase energy use efficiency by 13%

Technology makes it possible for farmers to increase energy use efficiency by reducing trips across the field and cutting energy needed to apply and transport crop inputs. Better diesel engines and renewable fuels like ethanol, solar and wind energy also will help.

"Focusing on equipment efficiency is one of the big areas where farmers can make a difference, including using electric motors for grain dryers and irrigators and driving energy efficient implements. Better fuel efficiency brings energy cost and use per acre down," says Ross. "Corn-based ethanol use in existing engines adds to future carbon reduction efforts, too."

### Goal 5: Reduce GHG emissions by 13%

Since 1980, changes in corn production have reduced greenhouse gas (GHG) emissions per bushel by 31%. Ross points out that corn farmers lower GHGs using climate smart practices. Enrolling in carbon markets could add potential income for adopting specific practices.

"We can achieve our individual and collective goals through new innovations. There is no end game, only continued improvement for future generations," he says. "Profitability is often lost in the discussion of these goals, but at the end of the day, we also have to make money."





	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A: CONVENTIONAL NON-IRRIGATED										
LOUISIANA										
<b>Bill Moroni</b> Sicily Island, LA	245.7212	Dyna-Gro D54VC14	VT2P	Poncho 1250, Awaken St, Avipel	33500	—	—	Xyway	260/50/75	John Deere 1700 MaxEmerge XP John Deere S680
MASSACHUSETTS										
<b>Matt Parsons</b> Hadley, MA	252.5213	Pioneer P9492AM™	AM,LL,RR2	PPST 250	31000	Capture LFR	Atrazine 90 WDG, Durango DMA, Keystone LA, Realm Q	—	225/0/125	Kinze 2500 John Deere 9550
<b>Dan Llewelyn</b> Northfield, MA	193.5604	Pioneer P9608AM™	AM,LL,RR2	Acceleron+ Poncho 250	45000	—	Atrazine+Calisto	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9500
MARYLAND										
<b>John Rigdon</b> Jarrettsville, MD	324.043	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	35000	—	Lexar	—	0/0/0	John Deere 1770NT CCS ProXP John Deere 9670 STS
<b>Brenda Walsh</b> Hampstead, MD	283.2521	AgriGold A645-16 STX	STX	—	34000	—	—	—	200/50/50	John Deere 1770NT John Deere 9670 STS
<b>George Windsor</b> East New Market, MD	272.2047	FS InVISION FS 6595V RIB	VT2P RIB	—	34000	—	Atrazine, Capreno. Roundup	—	30/0/0	Kinze 3650 Case IH 1680
MAINE										
<b>Tyler Bartlett</b> New Gloucester, ME	205.4089	Channel 185-30VT2PRIB	VT2PRIB	—	38000	—	—	—	210/0/50	White 6100 John Deere 9510
MICHIGAN										
<b>Douglas Stall</b> Charlotte, MI	363.5288	Pioneer P0414AM™	AM,LL,RR2	PPST 250	34500	—	AAtrex 4L+Atrazine, Makaze Yield Pro, Realm Q	—	248/85/60	Case IH 1250 Front-Fold Early Riser/Case IH 8240
<b>Eric Voisinét</b> Laingsburg, MI	309.4077	DEKALB DKC54-64RIB	SSRIB	—	37500	—	Buccaneer 5 TripleFLEX	—	220/65/90	John Deere DB60 John Deere S790
<b>Robert &amp; Jeff Grout</b> Croswell, MI	300.1406	DEKALB DKC44-80RIB	VT2PRIB	Acceleron	38000	—	Acuron, Roundup PowerMax	—	190/65/125	Case IH 2160 Case IH 9240
MISSISSIPPI										
<b>Justin Hurt</b> Senatobia, MS	256.9841	AgriGold A6659 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	246/0/0	Monosem Twin Row John Deere S770
<b>Kenny Hurt</b> Coldwater, MS	254.7846	AgriGold A6659 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	246/0/0	Monosem Twin Row John Deere S770
<b>Michael Williams</b> Coldwater, MS	218.8292	AgriGold A6659 RR	RR	Poncho 500	38000	—	—	—	260/90/50	Great Plains YP-1225A John Deere S670
NORTH CAROLINA										
<b>Wesley Johnson</b> Dobson, NC	313.3425	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Poncho 1250 +VOTIVO	32000	—	Atrazine Halex GT	Veltyma	176/0/0	John Deere 1770NT John Deere S770
<b>Will Johnson</b> Dobson, NC	298.8108	DEKALB DKC69-98	SS	—	31250	—	Atrazine 4F Halex GT	—	225/75/100	John Deere 1770NT John Deere S770
<b>William Bell</b> Statesville, NC	289.0641	DEKALB DKC69-99	TRE	Acceleron+ Poncho 250	33500	Fanfare Grizzley	Callisto, DiFlexx Gramoxone, Infantry 4L Roundup PowerMax	Xyway	220/100/120	Kinze 3500 John Deere 9770STS
NORTH DAKOTA										
<b>Steve Huber</b> Berlin, ND	299.9246	DEKALB DKC45-66RIB	VT2PRIB	VOTIVO	34000	—	Armezon Pro, Atrazine 4F Class Act NG, Destiny, Interlock	—	150/90/20	John Deere 1790 CCS John Deere S780
<b>Bruce Huber</b> Berlin, ND	298.8785	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTIVO	34000	—	Armezon Pro, Atrazine 4F Class Act NG, Destiny, Interlock	—	150/90/20	John Deere 1790 CCS John Deere S780
<b>Alexis Nogosek</b> Berlin, ND	292.2477	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTIVO	34000	—	Armezon Pro, Atrazine 4F Class Act NG, Destiny, Interlock	—	150/90/20	John Deere 1790 CCS John Deere S780

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A: CONVENTIONAL NON-IRRIGATED										
NEBRASKA										
Jonathan Bodlak Wakefield, NE	272.5488	DEKALB DKC65-95RIB	VT2PRIB	Elite-500	32000	—	Roundup+Status Verdict	—	245/70/70	Case IH 1240 Pivot-Transport Early Riser/ Case IH 2388
NEW HAMPSHIRE										
Frederick Llewelyn Northfield, MA	198.6301	Channel 206-11STXRIB	SSRIB	Accelaron +Poncho 250	40000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
NEW JERSEY										
Sam Santini Stewartsville, NJ	318.1302	Hefty Seed H6714	SS	Accelaron	40000	—	Acuron	—	350/100/100	John Deere 1795 John Deere S760
Robert Santini Phillipsburg, NJ	295.7407	Hefty Seed H6524	SS	—	38000	—	Acuron	Priaxor	250/100/200	John Deere 1790 John Deere S670
Kelly Truszkowski Stewartsville, NJ	294.236	Dyna-Gro D52SS63RIB	SS-RIB	Accelaron	38000	—	—	—	600/80/250	John Deere 1770NT Cat Lexion 575R
NEW YORK										
Henry Everman Dansville, NY	290.378	DEKALB DKC61-40RIB	SSRIB	Poncho 500	37000	—	Resolve Q Roundup PowerMax	—	200/60/60	John Deere 1770NT John Deere 9770 STS
Gary Swede Pavilion, NY	276.8399	DEKALB DKC56-65RIB	SS	Accelaron	35000	—	Roundup PowerMax Yukon	—	205/107/150	John Deere 1775 NT John Deere S680
Lewis Bickle Dansville, NY	270.9038	DEKALB DKC61-40RIB	SSRIB	Accelaron	34000	—	—	—	50/0/0	John Deere 1770 Conservation John Deere 9570
OKLAHOMA										
Zachary Rendel Miami, OK	213.4403	AgriGold A6572 VT2RIB	VT2RIB	Accelaron+ Poncho 250	26000	—	—	—	175/80/40	John Deere 1770 NT CCS John Deere S780
Shaun Morphew Maysville, OK	192.6405	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	Lumivia	23500	—	Atrazine+Dual Cornerstone Plus	—	160/35/45	John Deere 1760 John Deere 9650 STS
Brent Thompson Pauls Valley, OK	164.1022	Pioneer P1401VYHR	AVBL,YGCB, HX1,LL,RR2	Lumivia	22500	—	Atrazine+Dual Cornerstone Plus	—	140/92/60	John Deere 1770NT John Deere S660
PENNSYLVANIA										
Andy Martin Lebanon, PA	285.6247	DEKALB DKC61-41RIB	VT2PRIB	Accelaron	34000	—	Atrazine, Halex GT Lumax, Roundup	—	200/0/0	Kinze 3500 John Deere 9500
Glen Krall Lebanon, PA	278.3105	Pioneer P0947Q	Q,LL,RR2	—	34848	—	Atrazine, Gly Star Plus Resolve Q	—	0/0/0	Kinze 3500 Gleaner S68
Rick Telesz Volant, PA	266.0049	FS InVISION FS 6202V	VT2P-RIB	Cruiser 250	36000	—	—	—	225/70/100	John Deere 1750 Case IH 2388
SOUTH CAROLINA										
Jeff Dawson Beaufort, SC	277.1036	AgriGold A647-42 TRC	TRC	—	34000	—	—	—	350/80/300	John Deere 1700 MaxEmerge XP John Deere 9500
Tyler Seagroves Marion, SC	255.1509	Pioneer P1870VYHR	YGCB,HX1, LL,RR2	—	38000	—	Atrazine 4L Halex GT	Trivapro	300/100/200	Case IH 1235 Stackbar Early Riser/Case IH 8250
Rick Seagroves Marion, SC	240.0239	Pioneer P1197R	RR2	—	32000	—	AAtrex 4L Halex GT	Trivapro	250/100/200	Case IH 1235 Stackbar Early Riser/Case IH 8250



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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A: CONVENTIONAL NON-IRRIGATED										
SOUTH DAKOTA										
<b>Eugene Johnson</b> Flandreau, SD	272.5882	DEKALB DKC54-65RIB	VT2PRIB	Acceleron	34500	—	AAtrex 4L, Abundit Callisto, Keystone	—	150/0/0	John Deere 1760 Case IH 2366
<b>Paul Scherff</b> Trent, SD	262.4859	DEKALB DKC56-45RIB	SSRIB	Acceleron	34400	—	AAtrex 4L, Roundup PowerMax, TripleFLEX	Quilt Xcel	150/60/50	John Deere 1770 John Deere 9770 STS
<b>Jeffery Fiehs</b> Groton, SD	262.2127	Hefty Seed H4933	DGVT2 PRO	—	35000	—	AAtrex 4L, Diablo Harness, Roundup PowerMax	—	200/50/50	John Deere DB60 John Deere S680
TENNESSEE										
<b>Joshua Watson</b> Sweetwater, TN	343.4807	DEKALB DKC67-44RIB	VT2PRIB	Acceleron+ Poncho 250	34000	—	Atrazine 4F Roundup PowerMax	Veltyrna	300/200/200	John Deere 1795 John Deere 9760 STS
<b>Justin Woodall</b> Decherd, TN	292.4124	AgriGold A647-42TRC	TRC	—	35000	—	—	—	250/0/0	John Deere 1770NT Claas 750
<b>Madison Reed</b> Elora, TN	290.164	DEKALB DKC67-44	VT2P	—	37000	—	—	—	200/0/0	John Deere 1775NT John Deere S660
TEXAS										
<b>Justin Hansen</b> Lorena, TX	237.9638	Dyna-Gro D58SS65	SS	Poncho 1250	25500	—	—	—	180/0/0	John Deere 1720 John Deere S780
<b>Keith Kresta</b> Wharton, TX	236.078	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	Poncho 1250 +VOTIVO	29000	—	Acuron Atrazine	Afla-Guard GR Aproach Prima	220/44/110	John Deere 1720 MaxEmerge XP Case IH Axial Flow 2388
<b>Aaron Martinka</b> Buckholts, TX	210.7477	DEKALB DKC67-94	VT2P	Acceleron 1250	25500	—	Atrazine, Balance Flexx Gly Star, Laudis Roundup PowerMax	—	170/52/60	John Deere 1720 Case IH 8230
VIRGINIA										
<b>Heath Cutrell</b> Chesapeake, VA	391.3092	DEKALB DKC66-18	VT2P	Poncho 1250	38000	—	Atrazine	Headline AMP	350/80/350	Case IH 2130 Case IH 8240
<b>Ryan Horsley</b> Virginia Beach, VA	274.931	DEKALB DKC70-27	VT2P	Amplify D+ Poncho 1250	39000	—	—	—	300/150/275	John Deere 1795 John Deere S780
VERMONT										
<b>Rene Bourdeau</b> Swanton, VT	268.9725	Pioneer P0035Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	33000	—	—	—	240/80/200	John Deere 1770NT Case IH Axial Flow 7250
<b>Jason Bourdeau</b> Sheldon, VT	255.6248	Pioneer P0035Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	37000	—	AAtrex 4L Resicore	—	250/70/180	Kinze 3665 Case IH Axial Flow 7250
<b>Theodore Grembowicz</b> North Clarendon, VT	196.4914	DEKALB DKC44-80RIB	VT2PRIB	Acceleron	31980	Capture LFR	Atrazine 4L Resicore	Xyway	160/25/70	John Deere 1750 Drawn Conservation/Case IH 2388
WEST VIRGINIA										
<b>Duncan Smith</b> Keyser, WV	289.3454	Pioneer 1197am	—	LumiGEN™ 2020 Premium	34000	—	SureStart	—	200/20/150	John Deere 1770 John Deere S670
<b>Chris Miltenberger</b> Keyser, WV	208.0942	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	34000	Capture LFR Lamcap Mad Dog	Atrazine 4L Dicamba Explorer, Resolve Q	—	125/8/2	John Deere 1770NT John Deere S760

HER GREAT-GRANDMOTHER MARRIED A FARMER, HER GRAND-MOTHER MARRIED A FARMER, HER MOTHER MARRIED A FARMER, HER HUSBAND MARRIED A FARMER.

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Krystal Doolittle  
Williams, Iowa













**THE**  
I WANT  
MY  
CORN  
TO  
STAND  
CHIN UP  
CHEST OUT  
SHOULDERS  
BACK  
**REVOLUTION**



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	TOP THREE WINNERS BY CLASS										 We create chemistry	 JOHN DEERE	 PIONEER.		TOP THREE WINNERS BY CLASS										 We create chemistry	 JOHN DEERE	 PIONEER.											
Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester				Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester				Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester			
C: NO-TILL NON-IRRIGATED																																						
MASSACHUSETTS																																						
Jack Letourneau Northfield, MA	183.3255	Pioneer P9608AM™	AM,LL,RR2	Acceleron+ Poncho 250	40000	—	Atrazine+Calisto	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9500			Matthew Beam Elverson, PA	292.6209	DEKALB DKC61-41	VT2P	Acceleron	39000	—	Acuron Roundup	—	200/0/0	John Deere 1770 Drawn CCS MaxEmerge/John Deere S780			Michael Young Clinton, SC	230.3311	DEKALB DKC62-08	SS	Acceleron	20000	—	—	—	220/0/80	John Deere 7000 Conservation John Deere 9600		
MARYLAND																																						
William Rigdon Jarrettsville, MD	324.2236	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	36000	—	—	—	0/0/0	John Deere 1770NT CCS ProXP John Deere 9670 STS			Brad Rill Hampstead, MD	301.0724	DEKALB DKC67-94RIB	TRE	—	34000	—	—	—	105/0/0	Fendt Momentum FTPM24-30 Case IH 8250			Thomas Walsh Hampstead, MD	289.8646	AgriGold A641-06 VT2RIB	VT2RIB	—	34000	—	—	—	200/100/100	John Deere 1770NT John Deere 9670 STS		
MICHIGAN																																						
Jay Ferguson Yale, MI	293.0641	DEKALB DKC47-55RIB	VT2PRIB	Acceleron	33200	—	2,4-D LV4, Lumax Roundup PowerMax	—	200/100/200	Case IH 2160 Case IH Axial Flow 9250			Alvin Ferguson Allenton, MI	278.5761	DEKALB DKC51-25RIB	VT2RIB	Acceleron	32800	—	2,4-D LV4, Lumax Roundup PowerMax	—	190/100/200	Kinze 3600 Case IH Axial Flow 9250			Johnny Eschenburg Almont, MI	273.8564	DEKALB DKC47-27RIB	DG-VT2PRIB	Acceleron+ Poncho 250	32000	—	Atrazine 90 DF Capreno, Roundup PowerMax, <a href="#">Sharpen</a>	—	200/100/100	John Deere 1770 Front-Fold Flex Case IH 8120		
MISSISSIPPI																																						
Adam Hurt Senatobia, MS	256.0391	AgriGold A645-16 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	246/0/0	Monosem Twin Row John Deere S770			Kyle Dixon Fulton, TN	306.9578	DEKALB DKC67-44RIB	VT2PRIB	elite 1250	31000	—	—	—	0/0/0	Kinze 4900 John Deere S780			Allen Verell Jackson, TN	305.3641	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	Cruiser 250/Raxil	32000	—	—	—	280/80/120	John Deere 1795 John Deere S780		
NORTH CAROLINA																																						
Isaac Boerema Pantego, NC	307.6111	DEKALB DKC68-69	VT2P	Poncho 1250	37000	Bifenthrin 2EC	Laudis Roundup	Veltyrna	260/50/80	John Deere DB44 Case IH Axial Flow 9250			Logan Vaughan Amelia Court House, VA	289.7407	Pioneer P1903YHR	YGCB,HX1, LL,RR2	LumiGEN™ 2020 Premium	32500	—	Atrazine Leadoff, Realm Q	—	200/0/120	John Deere 1780 MaxEmerge Plus Vacuum/Case IH 2144			Nathan Rosenberger Jeffersonton, VA	276.6138	Pioneer P1622AML™	AML,LL,RR2	Gaucha 250	34000	—	AAtrex, Medal II ATZ Roundup, <a href="#">Status</a>	Veltyrna	210/60/80	John Deere 1790 CCS John Deere 9770 STS		
Dennis Boerema Pantego, NC	299.0778	DEKALB DKC70-27	VT2P	Poncho 1250	37000	Bifenthrin 2EC	Laudis Roundup	Veltyrna	260/50/80	John Deere DB44 Case IH Axial Flow 9250			Billy French Woodstock, VA	264.8973	DEKALB DKC66-18RIB	VT2PRIB	—	36000	—	—	—	200/0/0	Kinze 3500 John Deere 9500			Jacob Bourdeau Sheldon, VT	242.0477	Pioneer P9998Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	37000	—	AAtrex 4L Resicore	—	250/70/180	Kinze 3665 Case IH Axial Flow 7250		
Ed Wood Andrews, NC	281.2896	Dyna-Gro D58VC65	VT2P	Poncho 1250	31000	Bifenthrin	Atrazine 4L Brawl II ATZ Credit Extra Dicamba, Peak	Veltyrna	219/2/68	John Deere 1780 Drawn Rigid Gleaner R52			John Aeschliman Colfax, WA	110.0714	DEKALB DKC33-78RIB	VT2PRIB	—	32000	—	—	—	110/10/0	John Deere 7000 Front-Fold MaxEmerge/Case IH Axial Flow 7088			WEST VIRGINIA												
NEBRASKA																																						
Marvin and Glenn Wiles Plattsmouth, NE	319.5274	DEKALB DKC67-94RIB	TRE	Acceleron+ Poncho 250	44000	—	—	—	250/50/30	John Deere 1795 John Deere S780			Bailey Wolpert Hurricane, WV	267.7103	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	33000	—	Brawl ATZ, Rifle Roundup PowerMax <a href="#">Status</a>	—	280/75/100	John Deere 1790 John Deere 9670 STS			Michael Wolpert Hurricane, WV	233.6400	DEKALB DKC67-44	VT2P	Acceleron+ Poncho 250	30000	—	Brawl ATZ, Rifle Roundup PowerMax <a href="#">Status</a>	—	210/50/100	John Deere 1790 CCS John Deere 9670 STS		
Jeff Baker Pender, NE	298.5487	DEKALB DKC65-95RIB	VT2PRIB	Elite 500	33000	—	—	—	240/80/100	John Deere 1795 John Deere 9770 STS			Grace Wolpert Hurricane, WV	228.1185	Pioneer P1077AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	29500	—	Brawl ATZ, Rifle Roundup PowerMax <a href="#">Status</a>	—	210/50/100	John Deere 1790 John Deere 9670 STS			WYOMING												
Gerald Steffensmeier Howells, NE	282.3979	DEKALB DKC63-91RIB	VT2PRIB	Acceleron+ Poncho 250	30000	—	<a href="#">Verdict</a>	—	220/60/0	John Deere 1770 NT CCS John Deere S670			Lee Peterson Albin, WY	67.2714	Pioneer P9188AM™	AM,LL,RR2	Cruiser+ Poncho 250	14500	—	<a href="#">Armezon Pro</a> Durango DMA	—	60/30/0	John Deere 1770NT CCS ProXP/John Deere 9770 STS															
NEW JERSEY																																						
Leonard Truszkowski Stewartsville, NJ	353.3610	Dyna-Gro D54VC14RIB	VT2P-RIB	Acceleron	38000	—	—	—	550/90/250	John Deere 1770NT Cat Lexion 575R																												
Sharon Santini Phillipsburg, NJ	352.3746	DEKALB DKC63-90RIB	SSRIB	—	40000	—	Acuron	<a href="#">Priaxor</a>	150/100/100	John Deere 1790 CCS John Deere 9670																												
Chris Santini Stewartsville, NJ	315.7552	Pioneer P1622AML™	AML,LL,RR2	Cruiser+ Herculex	36000	—	Acuron	—	350/100/100	John Deere 1795 John Deere S760																												
PENNSYLVANIA																																						
Conrad King Atglen, PA	296.4769	Pioneer P1077AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	—	Acuron Halex GT	—	200/0/0	Kinze 3650 John Deere S670																												
Karl Dirks Mount Joy, PA	294.6009	DEKALB DKC61-41RIB	VT2PRIB	Acceleron	38000	—	Degree Xtra	—	350/0/0	John Deere 1770 NT CCS John Deere S660																												







## E: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL NON-IRRIGATED CLASS

### First Place



#### HARRISON RIGDON

Jarrettsville, MD

366.8270 bu./acre  
DeKalb DKC59-82RIB  
Population: 38,000  
Harvester: **John Deere 9670 STS**

#### SUPERVISORS

**Roy Norris:** Retired Ag Instructor, Edgewood High School  
**Paul Single:** Retired Ag Loan Officer, Baltimore County Savings Bank

Harrison Rigdon knows plenty about TLC when it comes to growing corn, especially when it's aimed at a yield competition. He's entered the NCGA contest for 25 years and this year tops the class with a 366 bu./acre yield.

"I'm always pushing to hit that next level and like experimenting with new products and practices that we can use on our other acres," he says. "I don't always see benefits on what we try, but usually do about 20 percent of the time."

On his silt loam soils he's always paying attention to soil health and has implemented a rigorous cover crop program, regularly planting, wheat, rye and radishes. Some of the crops are used for spring grazing with their 125-head Angus-cross cow-calf herd.

Rigdon works closely with his seed representative, reviews the farm's yield history and studies company trials to help select hybrids. Also, he runs test plots on 10 to 12 new hybrids every year in conjunction with DeKalb. This year, he planted DEKALB DKC59-82RIB, a 109-day maturity hybrid. "It was the top yielder on our test plots last year, plus had excellent plant health and performance," he adds.

His contest acres were planted May 7 with a **John Deere 1770 16-row planter**. He says the season started out wet and then got dry, but weekly rains kept the crop from getting stressed.

Rigdon's crop nutrient program begins with a dry fertilizer application of 60-140-270 in the

spring, then a burndown of 30 percent UAN and Lexar herbicide one week before planting. That is followed with a starter at planting and then three sidedress applications with 50 units of nitrogen at V4, V10 and V12.

Gray Leaf Spot and Northern Corn Blight can be troublesome, so Xyway fungicide is added to the starter at planting and Miravis Neo fungicide at a 13.7 ounce rate at V5, V10 and R1.

"We use fungicides to keep the plant as healthy and green as long as possible and have been using them the last 10 years," Rigdon explains. "We've found we get a yield increase from fungicides three out of four years."

Rigdon tissue sampled three times on the contest acres to check if the crop might be lacking any micronutrients. While he didn't find any deficiencies, he's sold on the tissue samples and plans to continue in the future.

"We spoon-feed contest acres and check them every week or so with our agronomist because he sometimes notices things we miss," he says.

#### Basics Add Bushels

- Apply multiple fungicide treatments to keep plants healthy.
- Make sure planter and combine are tuned to perfection.
- Plant slower for good seed-to-soil contact.

### Second Place

#### SCOTT TRUSZKOWSKI

Stewartsville, NJ

341.8442 bu./acre  
Dyna-Gro D55VC80RIB  
Population: 38,000  
Harvester: **Lexion 575R**

#### SUPERVISORS

**Christian Bench:** Soil Conservationist, NRCS  
**Hannah Tremblay:** Soil Conservationist, NRCS

Scott Truszkowski is carrying on the family tradition of entering the yield contest and placed second in this class with a yield just shy of 342 bu./acre.

"We grid sample our Washington loam soils every year to help us get more consistent yields," he says. "We use variable rates when spreading fertilizer and know it saves us money. We take care of our soils and set yield goals to make sure we have the right nutrients."

Chicken litter from a local operation 2 miles away makes up about half of his nitrogen needs and also helps cut commercial fertilizer bills in half.

Good planting conditions and getting the crop in early helped the corn plants get off to a vigorous start. "I'm a big believer in waiting for the right time to plant — not too cold or too wet — so you can get good stand uniformity." Although a dry spell hit mid-summer, he still ended up with above-normal moisture.

Truszkowski works closely with his Nutrien crop consultant to select proven hybrids, like this year's Dyna-Gro D55VC80RIB. "If he doesn't know something, he'll find out."

Weekly tissue sampling starts when plants hit 2 inches tall. "If we're lacking nutrients, we foliar feed right away. This year we added nutrients and micronutrients four times," he says. Weed control includes a preemerg treatment of Atrazine and Resicore followed by Roundup. He also uses 15.2 ounces per acre of Xyway fungicide in-furrow at planting and at V5 applies 7 ounces per acre of Magistrate fungicide.

Next year? "I don't see that we'll make any big changes," Truszkowski admits. "We'll keep doing what we're doing because it seems to be working."

### Third Place

#### DARRELL HAGAN

Whitesville, KY

324.9635 bu./acre  
Stewart Seeds 13DD360  
Population: 38,000  
Harvester: **John Deere S670**

#### SUPERVISOR

**Troy Muse:** Ag Advisor, KCTCS Community College

After a multi-year absence, Darrell Hagan is back on the national stage with a third place win in this category. The Kentuckian says he has been entering since 2000 because, "The contest helps me increase my overall yields every year — and I like to win."

He planted Stewart Seeds 13DD360 hybrid with a 113-day maturity and at 40,000 seeds/acre to hit 325 bu./acre. "My farmer-dealer helped pick the hybrid, and did it shine this year," Hagan exclaims.

He got a jump on planting and pulled into the field on March 30, then hit a cold, damp spell for two weeks. "May was wet and then we ran into a hot, dry August, but yields were good. We harvested in mid-September in wonderful conditions."

Hagan applied 150 units of anhydrous in March, then followed with in-row starter at planting and two more side-dress nitrogen applications at V7 and V10, for a total of 250 units. "We tissue-sampled five times and that led us to our last nitrogen application."

He applied a preplant Roundup burndown at 28 ounces per acre and a postemerg treatment of Atrazine at 2 pounds per acre. Also, he went with two fungicide applications — 7 ounces of Veltyma at V10 and 8 ounces of Revytech at R1. "I'm sold on fungicides, especially since Southern Rust was severe and could have cost us a 20 to 40 bushel per acre yield loss this year."

Next year he plans to look more closely at his fertility program and start using a nitrogen stabilizer.

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<div><div></div><div>TOP THREE WINNERS BY CLASS</div><div><div></div><div></div><div></div></div></div>											<div><div></div><div>TOP THREE WINNERS BY CLASS</div><div><div></div><div></div><div></div></div></div>											
Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester		Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester		
E: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL NON-IRRIGATED																						
ALABAMA																						
Mike Henderson Madison, AL	276.2079	AgriGold A6659 VT2PRO	VT2PRO	—	26600	—	—	—	200/52/52	John Deere 1775 NT John Deere S680		Nathan Lee Tallulah, LA	239.9253	Pioneer P1366YHR	YGCB,HX1, LL,RR2	—	36000	—	—	250/100/150	John Deere 1720 MaxEmerge XP John Deere S780	
ARKANSAS																						
Scott Williamson Eads, TN	202.6943	Pioneer P1563VYHR	AVBL,YGCB, HX1,LL,RR2	—	32000	—	—	—	220/30/75	John Deere 1755 Case IH 8120		Billy Lee Tallulah, LA	236.0154	Pioneer P2042VYHR	AVBL,YGCB, HX1,LL	—	35000	—	—	250/50/100	John Deere 1720 MaxEmerge XP John Deere S780	
George Williamson Mellwood, AR	188.2632	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	—	32000	—	—	—	220/30/75	Kinze 3600 Case IH 8120		MASSACHUSETTS										
Jacob Lipton Somers, CT	218.6344	Channel 194-49DGV2PRIB	DG-VT2PRIB	Poncho 250	32300	—	Glystar Plus Resolve Q	Aproach Prima	350/150/245	Kinze 3600V John Deere 9560		Chris Parsons Hadley, MA	229.7367	Pioneer P0306Q™	Q,LL,RR2	PPST 250	30000	Capture LFR Atrazine 90 WDG Durango DMA Keystone LA, Realm Q	—	225/0/125	Kinze 2500 John Deere 9550	
DELAWARE																						
Sherry Hudson Frankford, DE	260.1083	DEKALB DKC64-65RIB	VT2P	—	32000	—	Atrazine 90 DF Generic Roundup Harness Xtra	—	200/0/175	John Deere 1790 CCS John Deere S670		Wanda Llewelyn Northfield, MA	205.1376	Pioneer P9608AM™	AM,LL,RR2	Acceleron+ Poncho 250	45000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9500
Bryan Melvin Wyoming, DE	257.8029	Channel 211-66VT2PRIB	VT2PRIB	—	26000	—	—	—	0/0/0	Kinze 3600 Gleaner s78		MARYLAND										
Logan Poppell Odum, GA	205.5942	AgriGold A6544 VT2PRO	VT2PRO	Poncho 500	27000	—	Atrazine+Roundup Dual Magnum, Paraquat	Trivapro	235/70/200	John Deere 1700 Twin Row John Deere 9500		Harrison Rigdon Jarrettsville, MD	366.8270	DEKALB DKC59-82RIB	VT2PRIB	Acceleron+ Poncho 250	38000	—	—	—	0/0/0	John Deere 1770NT CCS ProXP John Deere 9670 STS
Kenny Poppell Jesup, GA	203.3002	AgriGold A647-35 AS5222	AS5222	Poncho 500	27000	—	Atrazine+Roundup Dual Magnum, Paraquat	Trivapro	220/70/230	John Deere 1700 Twin Row John Deere 9500		Chad Rigdon Jarrettsville, MD	316.1227	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	36000	—	Lexar+Roundup	—	0/0/0	John Deere 1770NT CCS ProXP John Deere 9670 STS
Will Foster Blakely, GA	181.8345	Dyna-Gro D58VC65	VT2P	—	18980	—	—	—	145/80/70	John Deere 1700 MaxEmerge XP John Deere 9500		Felix Rutkoske Middletown, MD	268.7346	Pioneer P0935AM™	AM,LL,RR2	Poncho 250 +Raxil	32500	—	—	—	200/50/60	John Deere 1770NT Case IH 8240
KANSAS																						
Jeff Koelzer Onaga, KS	320.1009	DEKALB DKC62-89RIB	TRE	Poncho 500	34000	—	2,4-D+Atrazine 2,4-D+Roundup Atrazine+Roundup Degree Xtra, Laudis	Delaro	346/90/60	Case IH 2150 Early Riser Front Fold/Case IH 8250		MAINE										
Lucas Cochren Whiting, KS	295.7161	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	33500	—	Balance Flexx Degree Xtra Roundup PowerMax	Delaro Trivapro	235/65/100	John Deere 1790 CCS John Deere 9770 STS		James Hilton Norridgewock, ME	238.4423	Channel 185-30VT2PRIB	VT2PRIB	—	32000	—	—	—	150/80/120	Case IH 1200 Claas Lexion 450
Donald Becker Everest, KS	286.1125	Pioneer P1289AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	34000	—	—	—	250/200/150	Case IH 1265 Case IH 8230		MICHIGAN										
Darrell Hagan Whitesville, KY	324.9635	Stewart Seeds 13DD360	DGV2P	Acceleron	38000	—	Armezon Pro Atrazine 4L, Cornerstone Cornerstone Plus Simazine 90DF	Veltyma	250/0/0	Kinze 3600 John Deere S670		Dale Suwyn Wayland, MI	309.6038	AgriGold A636-11	STXRIB	Acceleron+ Poncho 250	40000	—	Acuron	—	300/120/250	Case IH 1250 Front-Fold Early Riser/Case IH 8250
Kevin Hayden Mayfield, KY	323.9038	DEKALB DKC69-99RIB	TRERIB	Poncho 500	39000	—	—	—	270/270/300	John Deere 1770 John Deere S680		Jacob Drozd Allegan, MI	307.0810	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Invigor8 plus	36000	—	Armezon	Veltyma	0/0/0	John Deere 1775 NT John Deere S680
Jason Greenwell Waverly, KY	318.7753	Channel 214-78DGV2PRIB	DGV2P RIB	Acceleron	39000	Steed	2,4-D, Atrazine 90 DF Roundup Roundup PowerMax Verdict	Priaxor Trivapro	300/92/120	John Deere 1775NT John Deere S780		John Stanger Dundee, MI	303.7644	Channel 209-15VT2PRIB	VT2PRIB	stalwart 3w	34000	—	—	—	230/70/200	John Deere 1775NT John Deere S670
LOUISIANA																						
Gloria Gaspard Batchelor, LA	247.4928	Pioneer P1197LR	LL,RR2	Cruiser	33000	—	2,4-D+Roundup AAtrex, Roundup	—	220/80/120	John Deere 1720 John Deere 970		MISSISSIPPI										
												Philip Good Macon, MS	274.0132	DEKALB DKC62-05	RR2	Poncho 250	32000	—	Atrazine, Capreno Roundup PowerMax	—	265/0/120	John Deere 1720 MaxEmerge XP John Deere S770
												Anna Hurt Senatobia, MS	255.8448	AgriGold A645-16 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	246/0/0	Monosem Twin Row John Deere S770
												Jaycelyn Brooks Coldwater, MS	227.1360	AgriGold A6659 RR	RR	Poncho 500	38000	—	—	—	0/0/0	Great Plains YP-1225A John Deere S670
NORTH CAROLINA																						
James Allen Washington, NC	293.5512	DEKALB DKC69-99	TRE	Poncho 1250	34500	—	—	—	185/40/60	John Deere 1775NT John Deere S680		Stuart Askew Gates, NC	292.1610	Dyna-Gro D55VC80	VT2P	Poncho 1250+VOTIVO	33000	—	Atrazine 90 WDG Bicep II Magnum Roundup PowerMax Weedar	—	215/120/135	John Deere 1720 John Deere 9560 STS
												Reginald Askew Eure, NC	278.1592	Dyna-Gro D58VC65	VT2P	Poncho 1250 +VOTIVO	28000	—	Atrazine 90 WDG Bicep II Magnum Roundup PowerMax Weedar	—	200/80/90	John Deere 1720 John Deere 9560 STS



## TOP THREE WINNERS BY CLASS



## TOP THREE WINNERS BY CLASS



	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
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## E: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL NON-IRRIGATED

## NORTH DAKOTA

<b>Betty Huber</b> Berlin, ND	299.9941	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTIVO	34000	—	<a href="#">Armezon Pro</a> , Atrazine 4F Class Act NG Destiny, Interlock	—	150/90/20	<a href="#">John Deere 1790 CCS</a> <a href="#">John Deere S780</a>
<b>Robert Huber</b> Edgeley, ND	298.8257	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTIVO	34000	—	<a href="#">Armezon Pro</a> , Atrazine 4F Class Act NG Destiny, Interlock	—	150/90/20	<a href="#">John Deere 1790 CCS</a> <a href="#">John Deere S780</a>
<b>Shana Jordahl</b> Berlin, ND	290.2938	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTIVO	34000	—	<a href="#">Armezon Pro</a> , Atrazine 4F Class Act NG Destiny, Interlock	—	150/90/20	<a href="#">John Deere 1790 CCS</a> <a href="#">John Deere S780</a>

**NEBRASKA**

<b>Bradley Zierott</b> Murdock, NE	291.6332	Wyffels Hybrids W7888RIB	SS	Poncho 500	38000	–	Atrazine 4L Buccaneer 5 Callisto, Dual II	TeperaPlus	300/113/125	Case IH 1255 Front-Fold Early Riser/Case IH Axial Flow 7140
<b>Mark Moody</b> Auburn, NE	286.3865	DEKALB DKC65-95RIB	VT2PRIB	ELT500 B-E	34000	–	Buccaneer 5 Callisto, Resicore	Azoxystrobin	266/25/39	<a href="#">John Deere 1790 CCS</a> <a href="#">John Deere 9670 STS</a>
<b>Paul Tighe</b> Homer, NE	277.6205	DEKALB DKC64-65RIB	VT2P	Elite-500	33000	–	Acuron	–	175/60/30	Kinze 3600 Case IH 7140

## NEW HAMPSHIRE

<b>William Llewelyn</b>	179.5790	Channel	SSRIB	Acceleron+	40000	—	Lumax EZ	—	220/37/230	<b>John Deere 7200</b>
Northfield, MA		199-29STXRIB		Poncho 250						<b>John Deere 9500</b>

## NEW JERSEY

<b>Scott Truszkowski</b> Stewartsville, NJ	341.8442	Dyna-Gro D55VC80RIB	VT2P-RIB	Acceleron	38000	—	—	—	500/80/250	John Deere 1770NT Cat Lexion 575R
<b>Jeffrey Barlieb</b> Stewartsville, NJ	320.9778	Hefty Seed H6525	TCPTA	Acceleron+ Poncho 250	40000	—	Acuron	—	350/100/100	John Deere 1780 MaxEmerge Plus Vacuum/John Deere S760
<b>Matt Santini</b> Phillipsburg, NJ	303.3544	Hefty Seed H6524	SS	—	38000	—	Acuron	Priaxor	200/100/200	John Deere 1790 CCS John Deere S670

## NEW YORK

<b>Adam Kirby</b> Albion , NY	293.1075	<b>Pioneer</b> <b>P0947Q</b>	Q,LL,RR2	Cruiser+ Herculex	38000	—	Durango, Infantry 4L Resolve Q	Veltyma	320/90/300	<b>John Deere 1770 NT CCS</b> Case IH 8120
<b>Ryan Siracusa</b> Dansville, NY	282.9423	LG Seeds LG60C47	SSRIB	Poncho 500 + Votivo	37000	—	Makaze <b>Verdict</b>	—	220/60/120	<b>John Deere 1770NT</b> <b>John Deere 9770 STS</b>
<b>Matthew Swede</b> Piffard, NY	264.8426	DEKALB DKC58-64RIB	SS	Acceleron	35000	—	Roundup PowerMax Yukon	—	205/107/150	<b>John Deere 1775NT</b> <b>John Deere S680</b>

## OKLAHOMA

<b>Lauren Foutch</b> Okmulgee, OK	269.6974	DEKALB DKC69-99RIB	TRERIB	Amplify D +Gaucho	32000	—	Atrazine 4L Glyphosate Gramoxone Trizmet II	Aproach Prima Azoxystrobin Tebucon 3.6F	250/55/55	<b>John Deere 1770NT</b> <b>John Deere S770</b>
<b>Cody Sloan</b> Gore, OK	268.4991	<b>Pioneer</b> <b>P2089VYHR</b>	AVBL,YGCB, HX1,LL,RR2	Poncho 500	31000	—	—	Trivapro	240/0/0	<b>John Deere 1770NT</b> <b>John Deere S780</b>
<b>Gayla Ledbetter</b> Okmulgee, OK	240.8575	AgriGold A6659 VT2PRO	VT2PRO	Amplify D+Gaucho	32000	—	Atrazine 4L Glyphosate Stalwart C	Aproach Prima Azoxystrobin Tebucon 3.6F	250/50/50	<b>John Deere 1770 NT CCS</b> <b>John Deere S770</b>

## PENNSYLVANIA

<b>Daryl Alger</b>	312.4491	DEKALB	VT2P	Acceleron	37500	–	AAtrex, Metalachlor	–	300/0/140	John Deere 1775NT
Lebanon, PA		DKC63-91					Roundup			John Deere S780

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
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## E: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL NON-IRRIGATED

<b>Lance Nimmo</b> New Castle, PA	292.5384	DEKALB DKC62-05	RR2	Acceleron+ Poncho 250	32500	—	Lumax	—	225/108/155	Kinze 3600 New Holland CR7090
<b>D Snyder</b> Montoursville, PA	282.6444	Seed Consultants SCS1112AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	34000	—	AAtrex, Capreno Roundup Max	—	250/27/20	John Deere 1750 MaxEmerge XP John Deere 9500 SideHill

## SOUTH CAROLINA

<b>Franklin Howey</b> Monroe, NC	263.2547	DEKALB DKC63-57	VT2P	ELT1250	32000	—	Roundup PowerMax Warrant	Delaro	266/90/30	<a href="#">John Deere 1795</a> <a href="#">John Deere S780</a>
<b>Thomas Jameson</b> Orangeburg, SC	214.7296	<b>Pioneer</b> <b>P1847VYHR*</b>	AVBL,YGCB, HX1,LL,RR2	Poncho 250	26000	Counter 20 G	Atrazine Roundup PowerMax	—	200/0/100	<a href="#">John Deere 1700 MaxEmerge XP</a> Case IH 7140

## SOUTH DAKOTA

<b>Harold Wipf</b> Scotland, SD	266.6552	Pioneer P1366Q™	Q,LL,RR2	—	30000	—	—	—	0/0/0	John Deere 1770 NT CCS John Deere S680
<b>Caleb Loppnow</b> Hazel, SD	262.2686	Croplan Seed 4188SSRIB	SSRIB	—	33500	—	Acuron Roundup	—	225/19/0	John Deere 1760 John Deere S680
<b>Dean Bosse</b> Elk Point, SD	257.3534	Pioneer P1082AM™	AM,LL,RR2	Acre Max	32500	—	—	—	212/95/30	White 9800 Narrow Transport Gleaner S78

**TENNESSEE**

<b>Ethan Tanner</b> Union City, TN	312.7208	DEKALB DKC66-18RIB	VT2PRIB	Acceleron	33000	—	Laudis	Veltyma	300/8/150	<b>John Deere 1770NT</b> Case IH 8240
<b>David Womack</b> Shelbyville, TN	297.9840	AgriGold A647-42 TRC	TRC	Poncho 500	37000	—	—	—	0/0/0	Case IH 1250 Front-Fold Early Riser/Case IH 7230
<b>Sam Bonner</b> Viola, TN	296.6645	Dyna-Gro D55VC80	VT2P	—	36000	—	—	—	280/80/80	Kinze 3600 Case IH 5140

**TEXAS**

<b>Brian Fink</b>	197.4779	<b>Pioneer</b>	AVBL,YGCB,	LumiGEN™ 2020	25000	–	Gly Star Plus	Approach Prima	170/55/12	<b>John Deere 1720</b>
Cost, TX		<b>P1847VYHR*</b>	HX1,LL,RR2	High Rate;			Leadoff			<b>John Deere S670</b>
				Poncho 1250 +Votivo						

**VIRGINIA**

<b>Timmy French</b> Woodstock, VA	274.5188	DEKALB DKC70-27RIB	VT2PRIB	—	36000	—	—	—	200/0/0	Kinze 3500 John Deere 9500
<b>Austin Westbrook</b> Wakefield, VA	273.9404	Axis 65D28	VT2P	Acceleron+ Poncho 250	36000	—	—	—	240/160/65	John Deere 1720 MaxEmerge XP Case IH Axial Flow 8120
<b>Tammy Stephenson</b> Wakefield, VA	267.8008	Local Seed Company LC1307	TC	Acceleron+ Poncho 250	38000	—	—	—	240/160/65	John Deere 1720 MaxEmerge XP Case IH Axial Flow 8120

**VERMONT**

<b>Jeffrey Grembowicz</b>	194.7993	DEKALB	VT2PRIB	Acceleron	31920	Capture LFR	Atrazine 4L	Xyway	160/25/70	<b>John Deere 1750 Drawn West</b>
Rutland, VT		DKC44-80RIB					Resicore			<b>Conservation/Case IH 2388</b>

## WEST VIRGINIA

<b>Arnold Zirk</b> Wiley Ford, WV	270.3136	<b>Pioneer</b> <b>P1089AM™</b>	AM,LL,RR2	LumiGEN™ 2020 Premium	32000	—	—	—	220/30/150	<b>John Deere 1770 Drawn CCS</b> <b>MaxEmerge/John Deere S670</b>
<b>Louis Miltenberger</b> Keyser, WV	205.0531	DEKALB DKC67-44RIB	VT2PRIB	Acceleron+ Poncho 250	33000	Capture LFR Lamcap	Atrazine 4L Dicamba, Explorer Mad Dog, Resolve Q	—	125/8/2	<b>John Deere 1770NT</b> <b>John Deere S760</b>
<b>Lynn Widmyer</b> Charles Town, WV	189.5570	<b>Pioneer</b> <b>P1298AM™*</b>	AM,LL,RR2	—	30000	—	Lexar, Princep 4L Roundup PowerMax	—	200/90/90	<b>John Deere 1770 Conservation</b> <b>Case IH 1660</b>







## Sustainability Progress & Commitment

# CORN'S SUSTAINABILITY STORY

As the largest sector in American agriculture, corn farmers impact hundreds of thousands of jobs, infuse billions of dollars into the economy and care for our most critical resources, all while seeing substantial improvement in production. The corn industry's evolution in sustainability, the documented environmental, economic and social improvements over the last several decades, point back to a farmer's willingness to embrace change.

# A COMMITMENT TO THE FUTURE

Corn farmers' commitment to the pillars of sustainability have paved the way for improvements in a number of key indicators over a span of several decades. Between 1980 and 2015<sup>1</sup>, corn farmers have:



REDUCED SOIL LOSS PER ACRE BY

58%



IMPROVED IRRIGATION EFFICIENCIES, LEADING TO PER BUSHEL DECLINES IN IRRIGATION WATER USE OF

46%



DECREASED THE AMOUNT OF LAND REQUIRED TO PRODUCE A BUSHEL OF CORN BY

41%



IMPROVED ENERGY USE EFFICIENCY PER BUSHEL BY

41%



REDUCED GREENHOUSE GAS (GHG) EMISSIONS PER BUSHEL BY

31%

# WHAT'S NEXT?

While proud of their past success, corn farmers are not ready to stop there. They stand ready to meet the needs of the future and to continue to embrace the change that has brought them this far. Looking to 2030, corn farmers are committed to:



INCREASE LAND USE EFFICIENCY BY

12%



REDUCE SOIL EROSION BY

13%



INCREASE IRRIGATION WATER USE EFFICIENCY BY

15%



INCREASE ENERGY USE EFFICIENCY BY

13%



REDUCE GHG EMISSIONS BY

13%

<sup>1</sup> Field to Market: The Alliance for Sustainable Agriculture, 2016. Environmental and Socioeconomic Indicators for Measuring Outcomes of On Farm Agricultural Production in the United States (Third Edition)

visit [ncga.com/sustainability](https://ncga.com/sustainability)

## First Place



**DAVID HULA**  
Charles City, VA

602.1684 bu./acre  
**Pioneer P1222YHR**  
Population: 40,000  
Harvester: **John Deere S770**

### SUPERVISOR

**Tabea Zimmerman:** Conservation Tech, Colonial Soil & Water Conservation  
**Phil Hickman:** Marketing Specialist, Virginia Department of Agriculture

How do you top 600 bushels per acre in two of the last three years? Corn yield contest recordholder David Hula says it starts with three things: the Good Lord's blessings, Pioneer genetics and John Deere paint.

"We planted the new **Pioneer Corn Revolution Hybrid, P1222YHR**. Visually, it was similar to the hybrid we won [a world record yield of 616.1953 bushels] with in 2019," says Hula. "Genetics and ample sunlight made the yield this year."

Hula likes uniform plants with uniform ear development, preferably with ears forming at the same nodes on every plant. To reach that goal, he spends a lot of time on the planter to get the job done right. In 2019, he had many double ears. In 2021, he had suckers that became full ears.

"We wait for conditions to be fit to plant and that was April 26 this year. With good soil moisture and temperatures, the crop emerged in six days," he says. "It was dry in May and June before we had the irrigation pipes in the river. But that forced the corn to establish a deep root system."

Hula says timely rains followed in June and July. Irrigation to the no-till field, along with moderate temperatures, helped make the crop. Heat came later in the season, after pollination and kernel set were already complete, which he says prevented potential yield loss to stress.

The right nutrition also was critical to maximizing yields. Hula broadcast potash in mid-February. Soil testing in the field revealed nutrients were still available in the strips from having been strip-tilled two years prior. While planting, he applied starter fertilizer on both sides of the row and an in-furrow application which

includes zinc, a plant growth promoter, insecticide, fungicide and an energy source to feed the biology.

"We manage nutrients all season," says Hula, who is cognizant of the need to protect water quality in the Chesapeake Bay watershed. "We make many sprayer trips with a **John Deere R4044** to spoon feed nutrients along with fertigation to improve our fertilizer efficiency."

Hula follows a team approach to manage his crop, including specialized partners like Brandt and ROI Biologicals for nutrition and biological feeding. "We follow this concept from planting through harvest to get the most return."

He also hires an aerial applicator for several late-season fungicide treatments, focusing on plant health. He has "zero tolerance" for insects including stink bugs, so insecticides are applied as needed.

Corn harvest was completed September 14 when corn was at about 24 percent moisture.

"When harvesting, we like the ear to be mature while the plant is still green. Also, harvesting wetter corn reduces yield loss," says Hula. "Finishing our crop correctly makes a big difference and resulted in our corn reaching test weights in excess of 66 pounds."

### Basics Add Bushels

- Choose the right genetics.
- Don't skimp on time spent on the planter. Crop uniformity is critical.
- Finish the corn with late-season inputs that influence yield.

## Second Place

**CRAIG HULA**  
Charles City, VA

583.0674 bu./acre  
**Pioneer P1222YHR**  
Population: 40,000  
Harvester: **John Deere S770**

### SUPERVISOR

**Tabea Zimmerman:** Conservation Tech, Colonial Soil & Water Conservation  
**Phil Hickman:** Marketing Specialist, Virginia Department of Agriculture

Like father, like son. That's what Craig Hula can boast this year, taking second place to his father's contest-winning 600-plus bushel per acre yield in the same no-till irrigated category.

"We followed basically the same management plan for the neighboring plots," says Hula. "**Pioneer P1222YHR** is a new, 112-day hybrid we planted in good conditions on April 26. We had suckers on the plants that became full ears. We found 12 to 14 ears in a three-foot section."

On his fertility and placement program, Hula applied a total of 550 pounds nitrogen, 200 pounds phosphorus, 600 pounds potash, 80 pounds sulfur and five to eight pounds boron. Applications began in mid-February, again at planting and with multiple fertigation treatments in-season.

Hula also applied fungicides, insecticides and micronutrients as needed, including some new products. They included Corteva's Blue N, an alternative supplemental nitrogen source and Brandt's Level Up, a mix of micronutrients.

"We try them if it makes good walking sense," he says. "We generally start with a small plot and increase acres the next year if the products work. We are mindful of the expense and must see a return on investment before we use them on a wide scale."

Finishing the crop off strong is a high priority, and Hula is willing to use any necessary inputs that can alleviate disease or insect stress. Once the corn ears are mature, he harvests them, often when the plants are still green, and moisture is more than 24 percent for best yield results.

## Third Place

**CONNOR GARRETT**  
Arion, IA

387.9393 bu./acre  
**Pioneer P2089AM**  
Population: 38,000  
Harvester: **John Deere S780**

### SUPERVISOR

**Jake Schaben:** Ag Loan Officer, United Bank of Iowa  
**Craig Malone:** Marketing Specialist, Iowa Department of Agriculture

Unusually late cold weather concerns turned into a relatively ordinary growing season for this perennial NCGA National Corn Yield Contest winner. With an early May 6 planting date in a no-till, irrigated field, Garrett was glad he used LumiGEN 2020 Premium seed treatment to protect against diseases that can follow a high-stress start.

"We were optimistic about the Pioneer hybrid because my XtremeAg partners talked about its top-end yield potential under intensive management," he says. **Pioneer P2089AM** is a 120-day hybrid offering insect and herbicide tolerant traits that Garrett planted in a field in soybeans the previous year.








Garrett relied on his agronomist Mike Evans from Integrated Ag Solutions and Next Level Ag to make fertility decisions. They included in-furrow nutrients at planting and Y-dropping nutrients with a Hagie sprayer to evaluate in-season, as-needed nitrogen applications. All totaled, he applied 275 pounds of nitrogen, 100 pounds of phosphorus and 150 pounds of potash per acre. Weed and disease problems were minimal to nonexistent.

"We did apply XyWay fungicide at planting and Veltyma fungicide at VT. I think it helped our final yield," he says. "In our 2x2 test plot, we saw a 26 bushel per acre corn yield increase with Veltyma."

Four acre-inches of drip irrigation were applied in-season. "It was hot and dry during grain fill with several 105-degree heat index days," says Garrett. "Irrigation helped alleviate the stress."

With a timely, uneventful harvest, he's setting his sights on 2022. "We will continue to work on fine-tuning our fertility and corn stress management," he says.



<div><div></div><div>TOP THREE WINNERS BY CLASS</div><div><div></div><div></div><div></div></div></div>											<div><div></div><div>TOP THREE WINNERS BY CLASS</div><div><div></div><div></div><div></div></div></div>										
Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester		Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester	
G: NO-TILL IRRIGATED											G: NO-TILL IRRIGATED										
ALABAMA											INDIANA										
Stewart McGill Meridianville, AL	291.3243	DEKALB DKC67-94	VT2P	—	36000	—	—	—	305/150/200	John Deere DB60 John Deere s680	Craig Williams Oaktown, IN	324.7786	Pioneer P1185AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	38998	Warrior	Abundit Edge Armezon Cinch ATZ	Quadris	260/200/200	John Deere 1770 Conservation John Deere 9660 STS
Nick McMichen Centre, AL	279.4030	DEKALB DKC67-44	VT2P	Apron Max +Poncho 250	33250	—	Atrazine 4L, Laudis Roundup PowerMax Verdict	—	75/15/3	John Deere 1770NT John Deere 9770 STS	Dallas Cardinal Oaktown, IN	319.7704	AgriGold A647-90 VT2RIB	VT2RIB	Poncho 500	36000	—	—	—	280/200/250	John Deere 1775NT John Deere S780
Jeff Tate Meridianville, AL	268.8694	AgriGold A644-32TRC	Trecepta	—	36000	—	—	—	305/150/200	John Deere DB60 John Deere S680	Tim Wischmeier Crothersville, IN	318.8949	DEKALB DKC67-94RIB	TRE	Acceleron+ Poncho 250	36000	—	—	—	280/92/250	John Deere 1770NT John Deere S660
ARKANSAS											KANSAS										
Len Nail Lake City, AR	309.0656	Dyna-Gro D57CC51	CONV	Acceleron	36000	—	—	—	294/80/120	John Deere 1725 CCS Stack-Fold/John Deere S790	Gavin Cyr Clyde, KS	299.8737	Pioneer P2042AML™	AML,LL,RR2	LumiGEN™ 2020 Premium	31500	—	—	—	0/0/0	John Deere 1760NT MaxEmerge XP/ John Deere S680
Aaron Garner Lake City, AR	299.9619	Dyna-Gro D52CC63	Conv	Acceleron	36000	—	—	—	283/80/150	John Deere 1725 CCS Stack-Fold/John Deere S790	David Olson Hiawatha, KS	270.0648	Pioneer P1572AM™	AM,LL,RR2	—	34000	—	—	—	0/0/0	Kinze 3500 Case IH 7088
Blake Robertson Lake City, AR	292.5432	Dyna-Gro D57CC51	CONV	Acceleron	35000	—	—	—	294/111/120	John Deere 1725 CCS Stack-Fold/John Deere S790	Carlyle Toews Inman, KS	261.4463	Pioneer P1903AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	32000	—	—	—	200/55/55	John Deere 1760 MaxEmerge Plus Vacuum/John Deere 9610
COLORADO											KENTUCKY										
Aaron Waitman Wray, CO	293.9852	Pioneer P1082AM™	AM,LL,RR2	—	32250	—	—	—	0/0/0	John Deere 1770 NT CCS John Deere S670	Drew Langley Glendale, KY	318.1660	DEKALB DKC65-99RIB	Trecepta Rib	—	32000	—	—	—	240/69/90	Kinze 3600 Case IH 2388
DELAWARE											Meredith Halcomb Adairville, KY										
Gary Ockels Milton, DE	316.2280	DEKALB DKC63-91RIB	VT2PRIB	Acceleron	39000	Ethos XB	Bicep II Princep 4L Roundup, Salvo	—	200/0/0	Case IH 1255 Front-Fold Early Riser/Case IH Axial Flow 7230	315.3179	Pioneer P1442	CONV	PPST 250	36000	Lamcap	Abundit Edge Atrazine, Diablo Leadoff, Status	—	350/69/0	John Deere DB60 John Deere S780	
Christopher Wyatt Harrington, DE	298.8123	Pioneer P1506AM™	AM,LL,RR2	PPST 250	34000	Ethos XB Warrior II	Lexar+Roundup Roundup	Veltyma	300/11/110	Kinze 3660 John Deere 9770 STS	Summer Langley Glendale, KY	310.9583	AgriGold A645-16 VT2PRO	VT2PRO	—	32000	—	—	—	240/69/90	Kinze 3600 Case IH 2388
Crystal Wyatt Harrington, DE	292.5765	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	34000	Ethos XB Warrior II	Lexar+Roundup Roundup	Veltyma	300/11/110	Kinze 3660 John Deere 9770 STS	MARYLAND										
FLORIDA											Catherine Bostic Church Hill, MD	273.3241	AgriGold A645-16 VT2PRO	VT2PRO	—	36000	—	—	—	300/85/250	John Deere 1770 NT CCS John Deere S760
Dusty Cone Jennings, FL	277.2955	DEKALB DKC62-08	SS	Acceleron+ Poncho 250	35365	—	Atrazine 4L Outlook Roundup PowerMax	Headline AMP	275/90/350	Monosem Twin Row John Deere 9750 STS	Dan Dulin Queen Anne, MD	273.0359	Pioneer P1506AM™	AM,LL,RR2	ApronMax +Poncho 250	33000	Counter 15 G Warrior	AAtrex 4L Acuron Flexi Princep 4L Touchdown	Trivapro	200/30/100	John Deere 1770NT CCS ProXP/John Deere S670
Jason Mills Live Oak, GA	240.2461	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 1250	35220	—	Atrazine 4L Prowl H2O Roundup Pro	Headline AMP	240/0/350	John Deere 1700 MaxEmergePlus John Deere 9570	Ronnie Andrews Hurlock, MD	258.1955	Pioneer P1506AM™	AM,LL,RR2	Poncho 250	33500	Baythroid	Atra-V 4L, Capreno Harness Xtra 5.6L Roundup PowerMax	—	275/30/150	John Deere 1770 NT CCS John Deere S780
GEORGIA											MICHIGAN										
Jonathan Hitchcock Tennille, GA	324.9537	DEKALB DKC63-58	CONV	Acceleron+ Poncho 250	36788	Besiege	Atrazine 90 DF Laudis	Trivapro	300/100/250	John Deere 1725 Integral Stack-Fold/John Deere S780	Kyle McKeown Middleville, MI	299.2396	Dyna-Gro D45TC55	Trecepta	Acceleron	38000	—	Acuron Flexi Atrazine Roundup PowerMax	Miravis	275/100/150	John Deere 1760 John Deere S660
IOWA											Jeff Stuck Marcellus, MI	281.3608	DEKALB DKC58-35RIB	VT2PRIB	Acceleron+ Poncho 250	38000	—	Halex GT	—	250/25/180	John Deere 1760 John Deere S680
Connor Garrett Arion, IA	387.9393	Pioneer P2089AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	38000	Hero	Halex GT	Veltyma	275/100/150	John Deere 1790 CCS John Deere S780	Marshall Landis Three Rivers, MI	281.3293	DEKALB DKC61-40RIB	SSRIB	—	34000	—	Corvus Degree Xtra	Xyway	250/120/70	John Deere 1775 NT John Deere S660
Todd Folkerts Inwood, IA	303.7689	Pioneer P0953AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	35000	Bifenthrin 2EC Chlorpyrifos	2,4-D LV6 Durango DMA Keystone LA, Resicore	Aproach Aproach Prima	250/0/0	John Deere 1770 NT CCS John Deere 9560 STS	MINNESOTA										
Greg Lynott Hawarden, IA	301.3387	DEKALB DKC59-82RIB	VT2PRIB	Poncho 500	37000	—	Harness+Roundup	—	260/0/0	Kinze 3120 Case IH 1660	Fred Bauer Hastings, MN	307.8492	Pioneer P0720AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	34000	—	Atrazine Buccaneer Plus Callisto, Dual II	—	250/100/150	John Deere DB60 Claas Lexion 740
IDAHO											Dan Fohrman Dover, MN	289.3074	DEKALB DKC56-65RIB	SS	Poncho 500	35500	—	Durango DMA Resicore	—	220/140/200	John Deere 7200 MaxEmerge 2 Vacuum/Case IH 2588
Brad McIntyre Caldwell, ID	292.7582	Pioneer P9998	Conventional	LumiGEN™ 2020 Premium	38000	—	Glyphosate, Resolve Q Sterling Blue	—	97/1/0	John Deere 1750 MaxEmerge XP Gleaner S67	Jenna Sobeck Winona, MN	288.9563	DEKALB DKC59-82RIB	VT2PRIB	Poncho 1250	34500	—	Cadence, Callisto Glyphosate, Stinger	—	250/48/120	Kinze 3600 Case IH Axial-Flow 5088
Richard Cowger Twin Falls, ID	228.4158	DEKALB DKC31-85RIB	VT2PRIB	Acceleron+ Poncho 250	42000	—	DiFlexx	—	240/60/60	John Deere 1720 Integral Stack-Fold/John Deere 9760 STS	MISSOURI										
ILLINOIS											Jerry Cox Delta, MO	333.7007	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Amplify D	32000	—	Triangle	—	325/25/70	John Deere 1720 Stack-Fold MaxEmerge Plus/ John Deere 9670 STS
Dan Luepkes Chana, IL	310.8088	AgriGold A6499 STXRIB	STXRIB	Acceleron+ Poncho 250	35500	—	—	—	290/92/124	John Deere 1770 NT CCS John Deere 9770 STS	Kaden Cooper Fairfax, MO	270.2239	Pioneer P1359AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	33500	—	—	—	220/100/100	John Deere 1790 CCS John Deere S780
Blake Lockett Ridgway, IL	290.6904	DEKALB DKC67-44RIB	VT2PRIB	Acceleron	35000	—	Resicore Verdict	—	310/146/219	John Deere 1770NT Case IH 2388											

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## TOP THREE WINNERS BY CLASS



## TOP THREE WINNERS BY CLASS



	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
G: NO-TILL IRRIGATED										
MISSISSIPPI										
Christian Good Macon, MS	263.6211	DEKALB DKC65-95	VT2P	Poncho 250	32000	—	Atrazine, Capreno Roundup PowerMax	—	265/0/120	John Deere 1720 MaxEmerge XP John Deere S770
Preston Arrington Inverness, MS	258.9868	DEKALB DKC67-44	VT2P	—	31000	—	Lexar+Roundup	Trivapro	310/0/120	John Deere 1700 John Deere S670
MONTANA										
Lane Lowell Park City, MT	249.2578	Pioneer P9211Q™	Q,LL,RR2	—	38500	—	—	—	280/30/40	John Deere 7300 MaxEmerge 2 John Deere 9600
Eric Lowell Park City, MT	247.8576	Pioneer P9301AM™	AM,LL,RR2	—	38000	—	—	—	275/30/40	John Deere 7300 MaxEmerge 2 John Deere 9600
Marcus Vogel Ballantine, MT	226.3728	Pioneer P9301Q™	Q,LL,RR2	—	38000	—	—	—	0/0/0	John Deere 1720 CCS Stack-Fold/John Deere S670
NORTH CAROLINA										
Kevin Matthews East Bend, NC	315.3918	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 250	39000	—	Atrazine 4L Clarity, Resolve Q Roundup PowerMax	Veltyrna	300/120/240	John Deere DB44 John Deere S680
Stanly Stewart Catawba, NC	274.7413	Dyna-Gro D58VC65	VT2P	Poncho 500	30000	—	—	—	160/4/301	John Deere 1795 John Deere S780
Riley Baucom Monroe, NC	264.0388	DEKALB DKC69-98	SS	Poncho 500	34000	—	Atrazine 4L Halex GT, Paraquat	Xyway	300/0/0	Kinze 3500 Case IH Axial Flow 6130
NORTH DAKOTA										
Bobby Frautenberg Lamoure, ND	275.7297	DEKALB DKC45-95RIB	VT2P	Amplify D +Poncho	37500	Brigade 2EC	Harness Xtra Laudis Roundup PowerMax	—	280/120/180	John Deere DB66 Case IH 9230
NEBRASKA										
Rocky Peterson Bertrand, NE	343.3292	Pioneer P1563AML™	AML,LL,RR2	—	35000	Besiege	Acuron FulTime	Miravis	240/20/0	John Deere DR16 John Deere S680
Jared Kenney Amherst, NE	321.8306	Pioneer P1082AM™	AM,LL,RR2	—	32000	—	—	—	220/50/0	John Deere 1750 MaxEmerge XP John Deere S780
Bruce Schmit Bellwood, NE	321.4508	LG Seeds LG5643VT2RIB	VT2RIB	Cruiser 250	34500	—	Atrazine+Lumax	Trivapro	225/77/60	Kinze 3400 Massey Ferguson 9540
NEW JERSEY										
Carly Santini Stewartsville, NJ	310.7446	Hefty Seed H6423	DGVT2P	Acceleron	42000	—	Acuron	—	350/100/100	John Deere 1795 John Deere S760
OHIO										
Justin Haerr Springfield, OH	305.2504	Pioneer P0806AM™	AM,LL,RR2	—	36000	—	—	—	267/0/0	John Deere 1775NT John Deere S780
Matt Milless Amanda, OH	253.8849	Seed Consultants SCS1158™	Conv	LumiGEN™ 2020 High Rate; Poncho 1250 +Votivo	34000	—	Bicep II Status	—	250/150/200	John Deere 7200 Gleaner R65
OKLAHOMA										
Abel DeBoer Felt, OK	291.4321	Pioneer P1108Q™	Q,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250 +Votivo	29500	—	—	—	280/50/40	John Deere 1725 Integral Stack-Fold/John Deere S670
Steve Sloan Gore, OK	270.8211	Pioneer P2042VYHR	AVBL,YGCB, HX1,LL	LumiGEN™ 2020 High Rate; Poncho 1250 +Votivo	32000	—	Callisto	—	240/0/0	John Deere 1770NT John Deere S780
OREGON										
Victoria Carroll Hermiston, OR	233.0205	DEKALB DKC62-05	RR2	Acceleron	34000	—	Makaze Yield Pro Resolve Q	—	0/0/0	John Deere 1700 MaxEmerge XP John Deere S780
Tyler Carroll Hermiston, OR	220.6407	DEKALB DKC63-90RIB	SSRIB	Acceleron	34000	—	Makaze Yield Pro Resolve Q	—	0/0/0	John Deere 1700 MaxEmerge XP John Deere S780
PENNSYLVANIA										
Christopher Mast Morgantown, PA	266.9148	Pioneer P1077AM™	AM,LL,RR2	Poncho 1250	35500	Capture LFR Lambda T	Balance Flexx Helmquat 3SL Trizmet	—	298/24/200	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9750 STS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
G: NO-TILL IRRIGATED										
Jim and Ward Chapin Nescopeck, PA	252.5947	Pioneer P1506AM™	AM,LL,RR2	—	34000	—	Barrage, Medal Roundup PowerMax Status	—	0/0/0	John Deere 1765NT John Deere S650
SOUTH CAROLINA										
Calvin Young Clinton, SC	300.2292	DEKALB DKC62-08	SS	Acceleron	43000	—	—	—	250/150/250	John Deere 7000 Conservation John Deere 9600
TENNESSEE										
Kole Phillips Taft, TN	294.3092	DEKALB DKC69-99	TRE	—	31000	—	—	—	350/120/180	Kinze 3600 Case IH 2188
Jeremy Hopper Tiptonville, TN	286.7458	DEKALB DKC66-18	VT2P	Acceleron	35000	Besiege	AAtrex 4L Acuron Gramoxone Max	Trivapro	0/0/0	John Deere DB60 Case IH 8120
Kris Phillips Taft, TN	283.8619	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	—	31000	—	—	—	350/120/180	Kinze 3600 Case IH 2188
TEXAS										
Andy Cover Dalhart, TX	338.2694	Pioneer P1108Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	32000	—	—	—	290/60/45	John Deere 1700 MaxEmerge Vacuum/John Deere S670
Jarret Weinheimer Groom, TX	284.5089	Pioneer P1366AML™	AML,LL,RR2	—	32000	—	—	—	266/80/0	Case IH 1250 Front-Fold Early Riser/John Deere 5670
VIRGINIA										
David Hula Charles City, VA	602.1684	Pioneer P1222YHR*	YGCB,HX1, LL,RR2	Poncho 1250 Votivo Invigor8	40000	—	—	—	550/200/500	John Deere 1770NT John Deere S770
Craig Hula Charles City, VA	583.0674	Pioneer P1222YHR*	YGCB,HX1, LL,RR2	Poncho 1250 Votivo Invigor8 Plus	40000	—	—	—	550/200/600	John Deere 1770NT John Deere S770
W Hicks Rappahannock Academy, VA	314.4635	Hubner Seeds H4890RC2P	VT2PRIB	Acceleron+ Poncho 250	37000	—	Atrazine, Glyphosate Halex GT	—	350/7/120	John Deere 1790 CCS John Deere S670
WASHINGTON										
Shawn Clausen Warden, WA	283.6769	DEKALB DKC49-72RIB	SSRIB	—	38000	—	Clarity Roundup PowerMax	—	275/0/0	John Deere 1720 MaxEmerge XR John Deere S680
WISCONSIN										
Matt Hintz Amherst, WI	245.7463	Golden Harvest G95M41-5122 E-Z Refuge	Duracade 5122	Cruiser 250	38000	—	Atrazine 4L, Banvel Callisto, Metalachlor Roundup	—	200/20/100	Kinze 3600 Case IH 6130
John Ruzicka Bancroft, WI	227.1460	Golden Harvest G03R40-5222 E-Z Refuge	Duracade 5222	Cruiser 250	38000	—	Dicamba Glyphosate Status	Quadris	215/22/160	John Deere 1760 Case IH Axial-Flow 1660
WEST VIRGINIA										
Todd Widmyer Charles Town, WV	248.6668	Pioneer P1077AM™	AM,LL,RR2	—	35000	—	Lexar, Princep 4L Roundup PowerMax	—	200/90/90	John Deere 1770 Conservation Case IH 1660
Rick Cook Lingle, WY	259.2677	Pioneer P0339Q™	Q,LL,RR2	Lumivia	36000	—	Abundit Edge Dicamba, Resolve Q	—	250/100/100	John Deere 1700 MaxEmerge XR John Deere 9660 STS



Second Place

**TOM RUSLER**  
Avondale, CO

348.4575 bu./acre  
DEKALB DKC63-91RIB  
Population: 32,500  
Harvester: Case IH 7230

**SUPERVISORS**  
**Jim Hanratty:**  
Crop Insurance Agent,  
Southwind Crop Insurance  
**Brent Fillmore:**  
County Director, Farm  
Service Agency

Mother Nature was the number one input supporting Tom Rusler's second place class finish in 2021. A near-perfect season from start to finish allowed his chosen hybrid to shine.

"We are DeKalb dealers, and the hybrid we planted, DEKALB DKC63-91RIB, was the top number in our plots in 2020 and performs well in irrigated fields," says Rusler. The 113-day maturity stacked hybrid was planted May 2. The corn seed was treated with Acceleron and Poncho 250, but Rusler reported no early insects or disease threatened crop development.

"We had good soil moisture at planting and timely rains all season," he says, adding that their high-desert location generally gets only 11 inches of rain per year. "We had record moisture in our area for 2021. We had five inches of rain already at planting time."

Rusler focuses on soil health by strip-tilling and planting cover crops to help preserve soil moisture and to slow erosion. He is also limited in irrigation water availability but was able this year to stick with his usual furrow irrigation schedule for corn, supplemented with the additional, and highly unusual, rain.

Fertilizer applications included 15 gallons of 10-34-0 as a starter fertilizer and 65 gallons of 32-0-0 UAN with a micronutrient package. The field was planted to pinto beans the previous season, with weed and disease pressure virtually nonexistent.

"The hybrid really stood well late into the season with strong stalks and roots," he says. "Mother Nature just allowed it to all fall in place with uninterrupted harvest weather."

Third Place

**CREIGHTON PETERSON**  
Smithfield, NE

347.9264 bu./acre  
Channel 217-76VT2P  
Population: 34,500  
Harvester: John Deere S680

**SUPERVISORS**  
**Jake Dreiling:** Independent  
Crop Consultant  
**Brennan Williams:**  
Ag Insurance Agent,  
Ag Services Associates

Creighton Peterson is a fresh face in the national contest winner's circle. His yield of nearly 348 bu./acre qualifies for third place honors in this class.

For his contest entry, Peterson planted Channel 217-76VT2P on April 28. "It's very productive," he says. "And it also stands well. We had a major windstorm go through in July, and it held up pretty well."









He planted at a rate of 34,500 seeds/acre. "Over our whole farm, we'll usually plant at about 33,000 to 36,000," he says. "We spend a lot of time trying to match up hybrids with soil types and planting rates. With some hybrids, the harder you push them, the worse they'll do."

Taking care to "get everything just right" at planting was another component of Peterson's high yield strategy. "Our goal is to get every seed placed the same distance apart and at the same depth so that the plants come up within 24 hours of each other. If you don't get it planted right, you'll be losing yield right off the bat and you'll never catch up."

Two fungicide applications were also part of his game plan. He broadcast Aproach at V4, then followed up with an aerial application of Miravis Neo at tassel. "It keeps the plants healthy for longer into the growing season," he says.

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
H: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL IRRIGATED										
ARKANSAS										
<b>Matt Miles</b> McGehee, AR	317.8918	AgriGold A6659 VT2PRO	VT2PRO	Acceleron+ Poncho 250	33800	–	Atrazine 4L Halex GT	–	290/150/200	Monosem NG Plus 4 <a href="#">John Deere S780</a>
<b>Layne Miles</b> McGehee, AR	301.7661	DEKALB DKC68-69 VT2PRIB	VT2PRIB	Cruiser 250	33850	–	Atrazine 4L Halex GT	–	290/150/200	Monosem NG Plus 4 <a href="#">John Deere S780</a>
<b>Paige Catt</b> Corning, AR	290.6470	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	LumiGEN™ 2020 Premium	34000	–	Atrazine Bicep	–	350/150/250	<a href="#">John Deere 1720 MaxEmerge XP</a> <a href="#">John Deere S690</a>
CALIFORNIA										
<b>Robert Sprout</b> Live Oak, CA	192.1648	B-H Genetics BH 8900 VT2P	VT2P	VT2P	36000	–	Gramoxone SL 2.0	–	300/120/270	Monosem NG Plus 4 Case IH 1680
COLORADO										
<b>Tom Rusler</b> Avondale, CO	348.4575	DEKALB DKC63-91RIB	VT2PRIB	Acceleron+ Poncho 250	32500	Comite II	Atrazine, Explorer Roundup PowerMax WideMatch	–	250/60/0	Case IH 1235 Stackbar Early Riser/Case IH 7230
<b>Marty Buoy</b> Holyoke, CO	338.5539	DEKALB DKC63-91RIB	VT2PRIB	Elite 500	32000	–	–	–	225/50/40	<a href="#">John Deere 1770</a> <a href="#">John Deere S780</a>
<b>Nathan Weathers</b> Yuma, CO	303.6046	Channel 207-27VT2PRIB	VT2PRIB	–	33000	–	–	–	280/15/15	Case IH 1230 Claas Lexion 8600
DELAWARE										
<b>C Wyatt</b> Harrington, DE	306.2949	Pioneer P1506AM™	AM,LL,RR2	PPST 250	35000	Ethos XB Warrior II	Lexar+Roundup Roundup	Veltyma	320/20/100	Kinze 3660 <a href="#">John Deere 9770 STS</a>
<b>Randall Willin</b> Seaford, DE	295.3578	DEKALB DKC61-41RIB	VT2PRIB	Acceleron+ Poncho 250	36000	Ethos XB Lamcap	Atrazine 90 WDG Explorer, Keystone Medal EC Roundup PowerMax	Miravis	303/72/261	<a href="#">John Deere 1770NT</a> Case IH 8250
<b>Mark Collins</b> Laurel, DE	293.2584	DEKALB DKC61-41RIB	VT2PRIB	Acceleron+ Poncho 250	35000	Warrior II	Bicep II Magnum Roundup Ultra	–	345/33/225	Harvest International Ultra Plant Series 40 Case IH Axial-Flow 7120
FLORIDA										
<b>Gary Cone</b> Jennings, FL	278.5608	DEKALB DKC62-08	SS	Apron Max+ Poncho 250	35590	–	Atrazine 4L Outlook Roundup PowerMax	<a href="#">Headline AMP</a>	275/50/350	Monosem Twin Row <a href="#">John Deere 9570 STS</a>
<b>Christopher Dietrich</b> Graceville, FL	274.8351	DEKALB DKC62-08	SS	–	35000	Bifenthrin Counter 20 G	Atrazine+Roundup Impact	Aproach Prima	300/75/300	<a href="#">John Deere 1700 MaxEmerge XP</a> Case IH 2388
<b>Gordon Dietrich</b> Graceville, FL	254.6137	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	–	35000	Bifenthrin 2EC Counter 20 G	Atrazine 4L Atrazine+Roundup Impact	Aproach Prima	300/75/300	<a href="#">John Deere 1700 MaxEmerge XP</a> Case IH 2388
GEORGIA										
<b>Jed Daniel</b> Dawson, GA	280.2285	Dyna-Gro D58VC65	VT2P	–	31800	–	–	–	330/160/220	<a href="#">John Deere 1700 MaxEmerge Vacuum/John Deere 9670 STS</a>
<b>Caleb Traugh</b> Blakely, GA	270.1417	Hefty Seed H6552	VT2P	Acceleron+ Poncho 250	33000	Bifenthrin	Atrazine Laudis, Roundup Warrant	<a href="#">Headline AMP</a> Trivapro	330/110/230	Monosem NG Plus 3 Case IH 1640
<b>Kevin Tabb</b> Damascus, GA	240.9135	Dyna-Gro D58VC65	VT2P	–	30800	–	–	–	330/180/240	<a href="#">John Deere 1700 MaxEmerge XP</a> <a href="#">John Deere S670</a>
IOWA										
<b>Melissa Schleisman</b> Lake City, IA	300.9674	Pioneer P1366Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	34000	–	Gly Star	–	245/60/60	<a href="#">John Deere 1775NT</a> <a href="#">John Deere S780</a>
<b>Landon Schleisman</b> Lytton, IA	291.4828	Pioneer P1185Q	Q,LL,RR2	LumiGEN™ 2020 Premium	34000	–	Gly Star	–	245/60/60	<a href="#">John Deere 1775NT</a> <a href="#">John Deere S780</a>
<b>Matthew Schleisman</b> Lake City, IA	286.8834	AgriGold A636-11 STXRIB	STXRIB	Poncho 250 +Trilex	34000	–	Gly Star	–	215/60/60	<a href="#">John Deere 1775NT</a> <a href="#">John Deere S780</a>



<div><div>TOP THREE WINNERS BY CLASS</div><div></div></div>											<div><div>TOP THREE WINNERS BY CLASS</div><div></div></div>										
Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester		Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester	
H: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL IRRIGATED																					
IDAHO																					
<b>David Huits</b> Gooding, ID	311.1248	DEKALB DKC49-72RIB	SSRIB	—	36500	—	—	—	250/40/40	John Deere 1720 MaxEmerge XP John Deere S670	<b>Scott Jirgens</b> Kalamazoo, MI	310.9938	Golden Harvest G08R52-3220 E-Z Refuge	Viptera 3220	Avicta	38700	—	Acuron	—	310/50/150	Case IH 1250 Front-Fold Early Riser/Case IH 7140
<b>Jared Zito</b> Glenns Ferry, ID	294.2997	Pioneer P9998AM™	AM,LL,RR2	Maxim	36000	—	Roundup+Status	—	250/175/125	John Deere 1730 Case IH 7720	<b>Jim Schaendorf</b> Dorr, MI	308.6635	Renk Seed RK842SSTX	Conv	—	40000	—	—	—	350/150/250	Kinze 3600 John Deere 9570 STS
<b>Billy Wolfe</b> Grand View, ID	284.9728	Pioneer P9998Q™	Q,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	43000	Onager	Resolve Q Roundup PowerMax	—	300/55/0	John Deere 1720 MaxEmerge XP Case IH 7230											
ILLINOIS																					
<b>Greg McClure</b> Saint Francisville, IL	309.8683	AgriGold A645-16 VT2PRO	VT2PRO	Poncho 500	36000	—	—	—	0/0/0	Kinze 3650 Case IH 8240	<b>Deanna Sobeck</b> Winona, MN	278.1214	DEKALB DKC59-82RIB	VT2PRIB	Poncho 1250	34000	—	Cadence, Callisto Glyphosate, Stinger	—	250/48/120	Kinze 3600 Case IH Axial-Flow 5088
<b>David Luepkas</b> Oregon, IL	292.1104	AgriGold A636-11 STXRIB	STXRIB	Acceleron+ Poncho 250	34700	—	—	—	300/100/120	John Deere 1770 NT CCS John Deere 9770 STS	<b>Joseph Hopkins</b> Buffalo, MN	272.2451	Pioneer P0507Q™	Q,LL,RR2	PPST 250	36500	—	AAtrex 4L Durango, Resicore	—	265/85/200	White 9816 Case IH 8120
<b>Cameron McClure</b> Saint Francisville, IL	282.3447	AgriGold A645-16 VT2PRO	VT2PRO	Poncho 500	36000	—	—	—	0/0/0	Kinze 3650 Case IH 8240	<b>Devin Hopkins</b> Buffalo, MN	272.0508	Pioneer P0688Q™	Q,LL,RR2	PPST 250	36500	—	DiFlexx, Durango Resicore	—	280/75/110	White 9816 Case IH 8120
INDIANA																					
<b>Ben Kron</b> Evansville, IN	390.7846	LG Seeds LG66C44-VT2PRIB	VT2PRIB	Poncho 1250 +VOTIVO	39600	—	Capreno	Veltyma	445/200/500	White 8824 New Holland CR7.90	<b>Matthew Cox</b> Scott City, MO	339.6317	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Amplify D	32000	—	Triangle	—	325/25/70	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670 STS
<b>Brandon Cardinal</b> Oaktown, IN	323.8373	Pioneer P1847AML™*	AML,LL,RR2	Poncho 500	36000	—	—	—	280/280/280	John Deere 1775NT John Deere S780	<b>Tory Meyr</b> Jackson, MO	317.2244	DEKALB DKC62-89RIB	TRE	—	35000	—	SureStart	Preemptor	289/150/150	Case IH 1235 Stackerbar Early Riser/Case IH 7230
<b>Jerry Cardinal</b> Oaktown, IN	313.5989	Pioneer P1903AM™	AM,LL,RR2	Poncho 500	36000	—	—	—	280/280/280	John Deere 1775NT John Deere S780	<b>Chad Fullerton</b> Dexter, MO	277.1067	AgriGold A6659 VT2PRO	VT2PRO	—	34000	—	—	—	250/46/90	John Deere 1725 CCS Stack-Fold/Case IH 9230
KANSAS																					
<b>Ryan Jagels</b> Garden City, KS	324.0219	Pioneer P1847AML™	AML,LL,RR2	Poncho 1250	33000	—	—	—	300/0/0	John Deere 1720 Stack-Fold MaxEmerge Plus New Holland CR8090	<b>Betsy Belk</b> Greenwood, MS	285.1789	DEKALB DKC70-27	VT2P	Acceleron+ Poncho 250	39000	—	Atrazine Halex GT	—	300/30/60	John Deere 1720 MaxEmerge XP Case IH 8250
<b>Thad Arganbright</b> Dresden, KS	318.7553	LG Seeds LG66C32STXRIB	STXRIB	Poncho 500	35000	Steward EC	Acetochlor Atrazine, Callisto DiFlexx, Laudis	Trivapro	0/0/0	John Deere 1770NT Case IH Axial-Flow 6088	<b>Scott Hunter</b> Glen Allan, MS	272.5959	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	35000	—	—	—	270/100/120	John Deere 1700 MaxEmerge XP John Deere S780
<b>Kelby Ross</b> Plains, KS	313.5947	AgVenture AV4313AM™	AM	Poncho 250+Raxil	35000	—	Degree Xtra	—	300/50/0	John Deere 1710 Vacuum John Deere S770	<b>Carol Hunter</b> Glen Allan, MS	271.0533	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	35000	—	—	—	270/100/120	John Deere 1700 MaxEmerge XP John Deere S780
KENTUCKY																					
<b>Brandon Hunt</b> Oak Grove, KY	287.6535	DEKALB DKC70-27RIB	VT2PRIB	Acceleron	38000	—	Atrazine, Capreno Roundup PowerMax	Trivapro	250/150/200	Case IH 2150 Early Riser Front Fold/Case IH 9240											
LOUISIANA																					
<b>Wesley Moroni</b> Winnsboro, LA	291.7578	Dyna-Gro D58VC65	VT2P	Cruiser 5FS, Avipel, Awaken ST	33000	—	—	—	250/6/80	John Deere 1720 MaxEmerge XP John Deere S670	<b>John Sykes</b> Conway, NC	277.7286	Augusta Seed A7168	VT2P	Radius 500	37000	—	AAtrex+Roundup Brawl II ATZ, Laudis	—	275/150/250	John Deere 1720 CCS Stack-Fold/Case IH 2388
<b>Nolan Clark</b> Mer Rouge, LA	291.5773	DEKALB DKC69-99	TRE	Apron, Maxim	42000	—	Atrazine Glyphosate Metalachlor	Azoxystrobin PropiMax EC	300/75/90	John Deere 1720 CCS Twin Row John Deere S680	<b>Henry Locklear</b> Maxton, NC	271.8959	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Lumivia	32000	—	—	—	280/80/120	John Deere 1725 Integral Stack-Fold/John Deere S780
<b>Erie Clark</b> Mer Rouge, LA	285.6912	DEKALB DKC65-99	Trecepta	Apron, Maxim	40000	—	Atrazine Glyphosate Metalachlor	Azoxystrobin PropiMax EC	240/50/75	John Deere 1720 CCS Twin Row John Deere S680											
MARYLAND																					
<b>Christopher Davis</b> Galena, MD	302.7048	Pioneer P1506AM™	AM,LL,RR2	Poncho 250+Raxil	35500	—	—	—	300/0/0	Kinze 3660 Case IH 8230	<b>John Hofer</b> Milnor, ND	289.3177	DEKALB DKC50-08RIB	SSRIB	—	37000	—	Armezon Pro Atrazine 90 DF Roundup PowerMax	—	200/60/40	John Deere 1770 NT CCS John Deere S670
<b>Olin Davis</b> Galena, MD	289.5673	Pioneer P1464AML™*	AML,LL,RR2	Poncho 250+Raxil	35500	—	—	—	300/0/0	Kinze 3660 Case IH 8230	<b>James Frauenberg</b> LaMoure, ND	287.5607	DEKALB DKC47-27RIB	DG-VT2PRIB	Amplify D +Poncho	37500	Brigade 2EC	Harness Xtra Laudis Roundup PowerMax	—	280/120/180	John Deere DB66 Case IH 9230
<b>Thomas Gannon</b> Centreville, MD	266.0926	DEKALB DKC61-41RIB	VT2PRIB	Acceleron	33674	Warrior	AAtrex Acuron Flexi Roundup	Trivapro	0/0/0	Kinze 3600 New Holland TR98	<b>Justin Quandt</b> Oakes, ND	275.8574	Pioneer P0421Q™	Q,LL,RR2	Poncho 1250	34500	—	Atrazine 4L Laudis, Roundup	—	250/50/100	White 9824 Claas Lexion 8600
NEBRASKA																					
<b>Creighton Peterson</b> Smithfield, NE	347.9261	Channel 217-76VT2P	VT2P	—	34500	—	—	—	250/80/40	John Deere DR16 John Deere S680	<b>Dalton Peterson</b> Bertrand, NE	340.4535	Pioneer P1563AML™	AML,LL,RR2	—	34000	Besiege	Acuron FulTime	Miravis	200/30/0	John Deere DR16 John Deere S680
<b>Terry Hadwiger</b> Riverdale, NE	338.5419	Pioneer P1563AML™	AML,LL,RR2	—	33000	—	—	—	240/45/0	John Deere 1770 Drawn CCS MaxEmerge/John Deere S780											

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NCGA / 2021 WINNERS CORN YIELD GUIDE

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# TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
H: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL IRRIGATED										
NEW JERSEY										
<b>Steph Santini</b> Stewartsville, NJ	303.5010	Hefty Seed H6134	SMSTX	Acceleron	40000	—	Acuron	—	350/100/100	John Deere 1795 John Deere S760
NEW MEXICO										
<b>Jared Gordon</b> Dalhart, TX	276.7248	Pioneer P1108Q™	Q,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	32000	—	—	—	290/40/10	John Deere 1770 NT CCS Case IH 8250
NEW YORK										
<b>Thomas Jeffres</b> Wyoming, NY	263.4521	Pioneer P2088AMX™	AMX,LL,RR2	Cruiser 250	32500	—	—	—	132/13/0	Case IH 2150 Early Riser Front Fold/Case IH 8230
OHIO										
<b>Scott Haerr</b> Springfield, OH	305.6771	Pioneer P0953AM™	AM,LL,RR2	—	35000	—	—	—	249/0/0	John Deere 1775NT John Deere S780
<b>Catherine Kelbley</b> Fostoria, OH	270.4869	AgriGold A645-16 VT2RIB	VT2RIB	—	37500	—	—	—	0/0/0	John Deere 1775NT John Deere S680
<b>Evann Milless</b> Amanda, OH	252.0769	Seed Consultants SCS1141AM™	AM	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	34000	—	Bicep II Status	—	250/150/200	John Deere 7200 Gleaner R65
OKLAHOMA										
<b>Richard Rathjen</b> Clayton, NM	316.4529	Pioneer P1359AM™	AM,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	36000	—	—	—	300/50/120	John Deere 1760NT John Deere 9870 STS
<b>Fred Fischer</b> Hooker, OK	311.2572	DEKALB DKC70-27	VT2P	—	32500	—	—	—	200/55/0	Harvest International Other John Deere S770
<b>Todd Mason</b> Goodwell, OK	308.8480	Pioneer P1847AML™*	AML,LL,RR2	—	31000	—	—	—	280/90/40	John Deere 1755 John Deere S780
OREGON										
<b>Eti Ena</b> Boardman, OR	298.9193	Pioneer P1185AM™	AM,LL,RR2	—	37000	—	—	—	381/43/326	John Deere 1720 Integral Stack-Fold/John Deere S780
<b>Dean Harris</b> Umatilla, OR	273.4488	Pioneer P0589	CONV	—	38000	—	Callisto+Roundup Makaze, Outlook	—	305/0/0	John Deere 1700 MaxEmergePlus Vacuum John Deere S760
<b>Curt Sisson</b> Nyssa, OR	270.2126	DEKALB DKC62-08RIB	SSRIB	—	38000	—	—	—	0/0/0	John Deere 1725 CCS Stack-Fold/Claas Ixion
PENNSYLVANIA										
<b>Clifford Charles</b> Lancaster, PA	269.3294	Pioneer P1077AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	—	Brawl II, Explorer Gly Star Plus Hallex GT	Miravis Priaxor	275/25/100	Case IH 2150 Early Riser Front Fold/Case IH 8010
<b>Dawson Mast</b> Morgantown, PA	254.0285	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	35500	Capture LFR Lambda T	Balance Flexx Helmquat 3SL Trizmet	—	298/29/200	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9750 STS
SOUTH CAROLINA										
<b>Russ Jameson</b> Orangeburg, SC	309.8114	DEKALB DKC63-91	VT2P	Amplify+ Poncho 250	36000	Counter 20 G	Atrazine Roundup PowerMax	—	290/0/125	John Deere 1700 MaxEmerge XP Case IH 7140
<b>Tate Jameson</b> Orangeburg, SC	300.5757	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Amplify+ Poncho 250	36000	Counter 20 G	Atrazine, Laudis Roundup PowerMax	—	290/0/125	John Deere 1700 MaxEmerge XP Case IH 7140
<b>Daniel Garrick</b> Cope, SC	271.5374	DEKALB DKC70-27	VT2P	Amplify L+ Poncho 250	32000	Counter 20 G Permethrin	Atrazine, Impact Roundup II Salvo 2,4-D	Folicur Trivapro	300/250/300	John Deere 1750 Case IH Axial Flow 7250
SOUTH DAKOTA										
<b>Brennen Bird</b> Elk Point, SD	313.2930	DEKALB DKC59-82RIB	VT2PRIB	—	32000	—	—	—	0/0/0	John Deere 1770 John Deere S680
<b>Tyler and Jerry Poeschl</b> Yankton, SD	296.8577	Channel 213-19VT2PRIB	VT2PRIB	Acceleron	34000	—	—	—	250/80/80	John Deere 1775NT John Deere S780

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JOHN DEERE



	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
H: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL IRRIGATED										
<b>John Yaggie</b> Yankton, SD	275.0848	Pioneer P1366AM™	AM,LL,RR2	—	32000	—	Callisto+Roundup Keystone LA	—	240/80/60	John Deere 7000 Conservation John Deere 9500
TENNESSEE										
<b>Hunter Hooper</b> Brownsville, TN	316.5073	DEKALB DKC65-99	Trecepta	Poncho 1250	38000	Lambda	Atrazine, Dicamba Halex GT Roundup PowerMax	Trivapro	340/90/150	John Deere 1795 John Deere S780
<b>Joseph Sumara</b> Tiptonville, TN	265.6655	DEKALB DKC66-18	VT2P	green	28377	—	AAtrex 4L Acuron	—	0/0/0	Case IH 1230 John Deere S780
TEXAS										
<b>Todd Reinart</b> Amarillo, TX	318.5766	Pioneer P1828AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	—	—	—	0/0/0	John Deere 1775NT John Deere S780
<b>Jody Bezner</b> Texline, TX	317.0115	Pioneer P1572AM™	AM,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	33000	—	—	—	300/50/20	John Deere 1770 NT CCS Case IH 6140
<b>Brett Britten</b> Groom, TX	287.8742	Pioneer P1828Q™	Q,LL,RR2	—	31000	—	—	—	240/89/0	John Deere 1770NT John Deere S680
UTAH										
<b>Lee Summers</b> Tremonton, UT	281.5284	DEKALB DKC49-72RIB	SSRIB	—	32000	—	—	—	300/50/0	John Deere 1700 MaxEmerge XP John Deere S680
<b>Joseph Summers</b> Tremonton, UT	274.8092	DEKALB DKC49-72RIB	SSRIB	—	31000	—	—	—	300/50/0	John Deere 1700 MaxEmerge XP John Deere S680
<b>Ross Summers</b> Tremonton, UT	258.3770	DEKALB DKC51-91RIB	SSRIB	—	32000	—	—	—	300/50/0	John Deere 1700 MaxEmerge XP John Deere S680
VIRGINIA										
<b>John Mills</b> Hanover, VA	293.5224	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	31000	—	AAtrex, Keystone Realm Q, Roundup Sharpen	—	275/30/240	Kinze 3660 John Deere S770
<b>Michael Upton</b> South Hill, VA	292.1191	DEKALB DKC70-27	VT2P	—	42000	—	—	—	305/200/45	John Deere 1775NT John Deere S670
<b>Edwin Mills</b> Hanover, VA	286.9597	Pioneer P1464YYHR	AVBL,YGCB, HX1,LL,RR2	—	31000	—	AAtrex, Keystone Realm Q, Roundup Max Sharpen	—	310/30/240	Kinze 3660 John Deere S770
VERMONT										
<b>Caroline Pinto</b> West Rutland, VT	191.3839	DEKALB DKC44-80RIB	VT2PRIB	Acceleron	31740	Capture LFR	Atrazine 4L Resicore	Xyway	160/25/70	John Deere 1750 Drawn Conservation/Case IH 2388
WASHINGTON										
<b>Aaron Golladay</b> Warden, WA	270.2400	DEKALB DKC54-40RIB	VT2PRIB	—	38000	—	Clarity Roundup PowerMax	—	275/0/0	John Deere 1720 MaxEmerge XP John Deere S680
WISCONSIN										
<b>John Stasiak</b> Holmen, WI	250.6965	Golden Harvest G03R40-5222 E-Z Refuge	Duracade 5222	Cruiser 250	38000	—	Acuron Roundup PowerMax	—	235/92/120	Kinze 3600 John Deere 9760
WEST VIRGINIA										
<b>Grant Smith</b> Keyser, WV	309.2444	Pioneer P1197AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	37000	Ethos XB	SureStart	Xyway	250/20/200	John Deere 1770 Drawn CCS MaxEmerge/John Deere S670
<b>Ann Widmyer</b> Charles Town, WV	234.3786	Pioneer P1197AM™	AM,LL,RR2	—	35000	—	Lexar, Princep 4L Roundup PowerMax	—	200/90/90	John Deere 1770 Conservation Case IH 1660
WYOMING										
<b>Brad Hill</b> Lingle, WY	318.4201	Pioneer P0339Q™	Q,LL,RR2	Lumivia	38000	—	Abundit Edge Dicamba, Resicore	—	340/120/100	White 5700 John Deere 9670 STS
<b>Joe Speckner</b> Lingle, WY	296.1264	Pioneer P0707Q™	Q,LL,RR2	Lumivia	35000	—	Abundit Edge Dicamba, Resicore	—	250/100/50	Case IH 1230 Stackerbar Early Riser/John Deere 9670 STS
<b>Brett Meyer</b> Torrington, WY	285.3724	Pioneer P0339Q™	Q,LL,RR2	Lumivia	40000	—	Atrazine 4L Resicore	—	300/150/100	White 8800 Narrow Transport John Deere 9670 STS

# Advocacy counts.

“Grassroots advocacy is a fundamental component of NCGA’s mission. When we as corn growers come together with a unified message, we can make a difference.”



I urge each member to ensure you’re signed up to receive our advocacy alerts and be a part of positive change. It’s critical.”

Chris Edgington, Iowa Farmer  
President, National Corn Growers Association



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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
I: CONVENTIONAL IRRIGATED										
IDAHO										
Mike Moyle Star, ID	316.0928	Pioneer P0720Q™	Q,LL,RR2	Acceleron+ Poncho 250	40000	—	Atrazine 4F, Detonate Roundup PowerMax	—	325/40/30	Monosem MS Single Row John Deere 9600
Michael Potucek King Hill, ID	308.1089	Pioneer P9998Q™	Q,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	43000	Onager	Roundup PowerMax Status	—	290/50/50	John Deere 1730 John Deere S670
Jeremy Morris Hagerman, ID	301.3901	DEKALB DKC49-72RIB	SSRIB	—	38500	—	—	—	250/100/100	John Deere 1720 CCS Stack-Fold/Case IH 7230
ILLINOIS										
Scott Miller Tamm, IL	335.0725	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	40600	Lambda-Cy	Acuron	Headline AMP Trivapro	322/191/277	Kinze 3650 John Deere 9670 STS
Melissa Yocum Oregon, IL	320.7027	AgriGold A6659 VT2RIB	VT2RIB	Acceleron	34600	—	—	—	280/92/124	John Deere 1770 NT CCS John Deere 9770 STS
Josh Miller Tamm, IL	318.9919	FS InVISION FS 6595V RIB	VT2P RIB	Acceleron+ Poncho 250	40100	Lambda-Cy	Acuron	Headline AMP Trivapro	322/197/277	Kinze 3650 John Deere 9670 STS
INDIANA										
Brooks Cardinal Oaktown, IN	322.2388	AgriGold A6659 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	290/250/280	John Deere 1775NT John Deere S780
Randall Kron Evansville, IN	320.9071	DEKALB DKC67-44RIB	VT2PRIB	Acceleron	38000	—	Capreno	Veltyrna	400/180/400	White 8824 New Holland CR7.90
Joyce Kron Evansville, IN	319.8944	LG Seeds LG66C44-VT2PRIB	VT2PRIB	Poncho 1250 +VOTIVO	38000	—	Capreno	Veltyrna	400/180/400	White 8824 New Holland CR7.90
KANSAS										
Josh Koehn Montezuma, KS	330.2771	Pioneer P1572AM™	AM,LL,RR2	Poncho 250	32500	—	—	—	320/25/0	John Deere 1775 NT John Deere S780
Grant Webber Sublette, KS	318.1205	Pioneer P1197AM™	AM,LL,RR2	—	34000	—	—	—	0/0/0	John Deere DB90 John Deere S770
Alex Noll Winchester, KS	311.7015	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	35000	—	Callisto, Degree Xtra Roundup PowerMax	—	0/0/0	Kinze 4900 Case IH 9240
KENTUCKY										
Dennis McKay Owensboro, KY	311.8258	AgriGold A645-16 VT2RIB	VT2RIB	—	32500	—	—	—	200/100/200	John Deere 1770 NT CCS John Deere 9770
Hunter McKay Owensboro, KY	300.2257	Armor Seed 1447 VT2PRIB	VT2PRIB	Acceleron	32500	—	Lexar	—	200/100/200	John Deere 1795 John Deere 9770
Phillip Meredith Reed, KY	281.8607	Pioneer P2089AML™*	AML,LL,RR2	—	31000	—	—	—	30/85/91	John Deere 1790 CCS John Deere 9770
LOUISIANA										
John Moroni Gilbert, LA	280.5652	Pioneer P1870R	RR2	—	34500	—	—	—	0/0/0	John Deere 1750 MaxEmerge XP John Deere S790
Brady Moroni Winnsboro, LA	279.0397	Pioneer P2042VYHR	AVBL,YGCB, HX1,LL	—	34500	—	—	—	0/0/0	John Deere 1700 MaxEmerge XP John Deere S790

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
I: CONVENTIONAL IRRIGATED										
MASSACHUSETTS										
William Llewelyn Northfield, MA	215.8916	Pioneer P9608AM™	AM,LL,RR2	Acceleron+ Poncho 250	45000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9500
MARYLAND										
Jason Sheubrooks Sudlersville, MD	317.0136	DEKALB DKC65-95RIB	VT2PRIB	Acceleron	36000	Ethos XB	Atrazine Halex GT	Priaxor Veltyrna	320/40/125	John Deere 1775NT Case IH 8240
Michael Wood Denton, MD	288.9540	Hubner Seeds H09G056	DGVT2P	Bas250	31000	—	—	—	0/0/0	Kinze 3650 Case IH 7010
Bruce Bartz Denton, MD	288.5392	DEKALB DKC62-53RIB	VT2PRIB	Acceleron	42000	—	—	—	300/0/0	Kinze 3600 John Deere 9870 STS
MICHIGAN										
Don Stall Charlotte, MI	465.7725	Pioneer P0720AM™	AM,LL,RR2	PPST 250	48500	—	AAtrex 4L+Atrazine Makaze Yield Pro Realm Q	—	399/100/90	Case IH 1250 Front-Fold Early Riser/Case IH 8240
Nick Suwyn Wayland, MI	321.2114	AgriGold A636-11 STXRIB	STXRIB	Avicta	38700	—	Acuron	—	285/125/250	Case IH 1250 Front-Fold Early Riser/Case IH 8250
T Jon Drozd Allegan, MI	308.4470	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Invigor8	38000	—	Armezon, Callisto Cinch ATZ	Veltyrna	0/0/0	John Deere 1775NT John Deere S680
MINNESOTA										
David Kolb Paynesville, MN	295.0846	Pioneer P0421AM™	AM,LL,RR2	—	33000	Sniper	Laudis Roundup PowerMax Verdict	Headline AMP	324/0/58	John Deere DB44 John Deere 9870 STS
Gary Beskau Hastings, MN	281.8688	Pioneer P0924Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	35000	—	Callisto, Durango DMA Keystone LA, Outlook	—	225/50/150	Case IH 1265 Case IH 8240
Curt Haler Hastings, MN	280.1669	Pioneer P1108Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	34500	—	Callisto, Durango DMA Keystone LA, Outlook	—	230/50/100	Case IH 1265 Case IH 8240
MISSOURI										
Jane Cox Delta, MO	303.9133	Pioneer P1662YHR	YGCB,HX1, LL,RR2	Amplify D	35000	—	Triangle	—	300/25/75	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670 STS
Matthew Dumm Jasper, MO	292.7000	Pioneer P1464AML™*	AML,LL,RR2	Pioneer premium package...Ipconazole, Ethaboxom, L	27000	—	AMS, Armezon Pro Atrazine 4L Buccaneer Plus Crop Oil	Priaxor Veltyrna	220/0/0	John Deere 1790 CCS John Deere S770
Matt Lang Jackson, MO	285.4367	DEKALB DKC70-27RIB	VT2PRIB	Acceleron	34300	—	—	—	270/65/70	Case IH 1230 Stackbar Early Riser/John Deere 9770 STS
MISSISSIPPI										
Allen Cole Hernando, MS	290.9917	Pioneer P1870YHR	YGCB,HX1, LL,RR2	LumiGEN™ 2020 Premium	36000	—	—	—	300/0/0	John Deere 1725 Integral Stack-Fold/John Deere S770
Adron Belk Greenwood, MS	286.9156	DEKALB DKC70-27	VT2P	Acceleron+ Poncho 250	39000	—	Atrazine Halex GT	—	300/30/90	John Deere 1720 MaxEmerge XP Case IH 8250
Jason Hunter Glen Allan, MS	273.4224	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	35000	—	—	—	260/100/120	John Deere 1700 MaxEmerge XP John Deere S780



<div><div>TOP THREE WINNERS BY CLASS</div><div></div></div>											<div><div>TOP THREE WINNERS BY CLASS</div><div></div></div>											
Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester		Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester		
I: CONVENTIONAL IRRIGATED																						
MONTANA																						
<b>Bart Icopini</b> Hysham, MT	259.2060	Pioneer P9489AM™	AM,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	40000	–	DiFlexx, Outlook Roundup RT3 Roundup UltraMax Verdict	–	225/132/90	Monosem NG Plus Case IH 9230		<b>Paul Campbell</b> Nichols, NY	217.0192	DEKALB DKC51-25RIB	VT2RIB	Acceleron	37000	–	Atrazine 4L Roundup Max Yukon	102/40/60	John Deere 1750 MaxEmerge Plus/John Deere 6620	
<b>Brent Icopini</b> Hysham, MT	246.1791	Pioneer P9211AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	40000	–	DiFlexx, Outlook Roundup RT3 Roundup UltraMax Verdict	–	225/132/90	Monosem NG Plus Case IH 9230		<b>Curtis Mohler</b> OH	291.0103	Pioneer P1380Q™	Q,LL,RR2	–	34000	–	AAtrex+Harness Resicore	300/78/180	John Deere 1760 Drawn Sidney Wing-Fold Flex/Claas Lexion 730	
<b>Dale Hirsch</b> Kinsey, MT	213.6690	Pioneer P9489Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	33000	–	Glyphosate	–	250/100/100	John Deere 1700 MaxEmerge XP John Deere 7720		<b>Curt Potter</b> Sherwood, OH	287.2670	Pioneer P1197AM™	AM,LL,RR2	–	38000	–	–	280/150/350	John Deere 1770 NT CCS John Deere 9770 STS	
<b>Nick Kelbley</b> Fostoria, OH	276.5535	AgriGold A645-16	VT2RIB	–	37500	–	–	–	0/0/0	John Deere 1775NT John Deere S680		<b>Nick Kelbley</b> Fostoria, OH	276.5535	AgriGold A645-16	VT2RIB	–	37500	–	–	0/0/0	John Deere 1775NT John Deere S680	
NORTH CAROLINA																						
<b>Chase &amp; Allan Harris</b> Snow Hill, NC	278.0756	DEKALB DKC68-69	VT2P	–	38000	–	–	–	0/0/0	John Deere 1725 Integral Stack-Fold/John Deere 9870 STS		<b>Austin Sage</b> Texline, TX	311.5208	Pioneer P1108Q™	Q,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	33500	–	–	–	300/50/20	John Deere 1770 NT CCS John Deere S670
NORTH DAKOTA																						
<b>Chad Vander Vorst</b> Pollock, SD	283.8644	Pioneer P9492AM™*	AM,LL,RR2	Poncho 250 +Raxil	35200	–	Harness Xtra	–	260/75/80	Case IH 1265 Front-Fold Case IH 8240		<b>Roger Fischer</b> Hooker, OK	296.5091	Pioneer P1828Q™	Q,LL,RR2	–	29000	–	–	275/54/2	John Deere 1770NT CCS ProXP John Deere S670	
<b>Cody Frauenberg</b> Lamoure, ND	280.7093	DEKALB DKC45-66RIB	VT2PRIB	Amplify D +Poncho	36800	Brigade 2EC	Harness Xtra Laudis Roundup PowerMax	–	280/120/180	John Deere DB66 Case IH 9230		<b>Vern Frederickson</b> Boardman, OR	281.5359	Pioneer P0589	CONV	–	40000	–	Armezon Cadet, Outlook	304/51/0	John Deere 7340 John Deere S780	
<b>Nathan Quandt</b> Oakes, ND	259.9764	DEKALB DKC48-95RIB	VT2P	Poncho 1250	34500	–	Atrazine 4F, Laudis Roundup PowerMax	–	300/100/100	White 9824 Claas Lexion 8600		<b>Doug Scipioni</b> Newmanstown, PA	297.5943	Pioneer P1506AM™	AM,LL,RR2	–	35000	–	–	–	300/0/80	John Deere 1750 MaxEmerge Plus Vacuum/Gleaner R52
NEBRASKA																						
<b>Ashton Peterson</b> Bertrand, NE	338.2306	Pioneer P1847AMXT™	AMXT,LL,RR2	–	34000	Besiege	Acuron FulTime	Miravis	240/30/0	John Deere DR16 John Deere S680		<b>Eric Meyers</b> Mercersburg, PA	258.0967	Pioneer P1197AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	–	Trizar	Miravis	250/80/200	John Deere 7000 John Deere 9660 STS
<b>Miles Peterson</b> Bertrand, NE	336.7490	Pioneer P0924Q™	Q,LL,RR2	–	33000	Hero	Acuron Explorer, FulTime	Miravis	196/31/0	John Deere 1720 John Deere S680		<b>Ernest Mast</b> Morgantown, PA	243.3503	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	35500	Capture LFR	Balance Flexx Trizmet	–	290/29/200	John Deere 1750 MaxEmerge Plus Vacuum/John Deere 9750 STS
<b>Brent Safranek</b> Merna, NE	328.2196	Pioneer P1185AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	33500	–	Acuron	–	300/20/0	John Deere 1775NT John Deere S780		SOUTH CAROLINA										
<b>William Jameson</b> Ellore, SC	306.0191	DEKALB DKC70-27	VT2P	Amplify+ Poncho 250	37000	Counter 20 G	Atrazine, Laudis Roundup PowerMax	–	290/0/125	John Deere 1700 MaxEmerge XP Case IH 7140		<b>Daniel Garrick</b> Cope, SC	294.5268	DEKALB DKC63-91	VT2P	Amplify L+ Poncho 250	33000	Counter 20 G Permethrin	Atrazine Impact Roundup II Salvo 2,4-D	Folicur Trivapro	300/250/300	John Deere 1750 Case IH Axial Flow 7250
NEW JERSEY																						
<b>Garrett Woolf</b> Monroe Township, NJ	282.3267	Dyna-Gro D58VC65	VT2P	Acceleron+ Poncho 250	31000	–	Corvus	–	268/0/200	Kinze 3600 Case IH Axial Flow 2388		<b>Ray Jameson</b> Orangeburg, SC	276.5571	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Amplify+ Poncho 250	33000	Counter 20 G	Atrazine, Laudis Roundup PowerMax	–	290/0/125	John Deere 1700 MaxEmerge XP Case IH 7140
<b>Michelle Doyle</b> Newfield, NJ	276.0018	Pioneer P1197AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	33000	–	Halex GT	Ethos XB Headline AMP	300/200/200	John Deere 1790 CCS John Deere S670		SOUTH DAKOTA										
<b>Bob Creasey</b> Geddes, SD	318.3803	Pioneer P1185AM™	AM,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	34000	–	AAtrex Generic Roundup Resicore	–	245/110/80	John Deere 1770 NT CCS John Deere S680		<b>Kory Standy</b> Platte, SD	312.3255	DEKALB DKC59-82RIB	VT2PRIB	–	37000	–	Harness Xtra	Veltyrna	240/65/20	John Deere 1775 NT Case IH 6130
NEW MEXICO																						
<b>Angilene Jim</b> Farmington, NM	263.8398	Channel 203-01STXRIB	SSRIB	Acceleron	36000	–	–	–	195/50/40	John Deere 1710 Vertical-Fold John Deere S780		<b>Adam Wiese</b> Flandreau, SD	292.9014	DEKALB DKC59-82RIB	VT2PRIB	Acceleron	36500	–	Callisto Roundup PowerMax TripleFLEX	Trivapro	170/100/100	John Deere DB60 John Deere S780
NEVADA																						
<b>Nathan Wadsworth</b> Fallon, NV	151.5464	Pioneer P0507AM™	AM,LL,RR2	–	38000	–	Gly-4 Plus	–	0/0/0	John Deere 7300 MaxEmerge 2 John Deere 9600		NEW YORK										
<b>Logan Beck</b> Palatine Bridge, NY	304.2334	Pioneer P0947Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	36000	–	Atrazine, Resicore Roundup PowerMax	–	380/0/190	Case IH 2150 Early Riser Front Fold/Case IH 8250												
<b>Anthony Dellarocco</b> Melrose, NY	266.7888	Pioneer P0075Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	35000	–	–	–	280/50/400	Case IH 1250 Front-Fold Early Riser/Case IH 2588												



	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
I: CONVENTIONAL IRRIGATED										
TENNESSEE										
Erin Reed	295.0992	DEKALB DKC67-44	VT2P	—	36000	—	—	—	200/0/0	John Deere 1775NT John Deere S660
Elora, TN										
Fred Nichols	287.8650	AgriGold A6659 VT2PRO	VT2PRO	—	46000	—	Acuron	—	370/60/60	Case IH 2130 Gleaner F3
Lakeland, TN										
TEXAS										
Tommy & Valerie Cartrite	331.9006	Pioneer P2042AML™	AML,LL,RR2	—	42000	—	—	—	0/0/0	John Deere 1700 MaxEmergePlus Vacuum Case IH 8250
Sunray, TX										
UTAH										
Trevor Gardner	343.1362	DEKALB DKC62-05	RR2	—	32000	—	—	—	300/120/0	John Deere 1720 MaxEmerge XP Case IH 7120
Honeyville, UT										
KC Gardner	317.9307	DEKALB DKC62-05	RR2	—	32000	—	—	—	200/150/60	John Deere 1720 MaxEmerge XP Case IH 7120
Honeyville, UT										
Braydan Nelson	313.7190	Pioneer P1055Q™*	Q,LL,RR2	—	36000	Zeal	Generic Roundup Resolve Q	—	310/100/0	Case IH 1255 Front-Fold Early Riser/Case IH 7240
Tremonton, UT										
VIRGINIA										
Robert Newcomb	327.6546	Pioneer P1185YHR	YGCB,HX1,LL,RR2	Poncho 1250 +VOTIVO	33900	—	Bicep II Magnum Princep	—	300/30/300	John Deere 1770 Conservation Case IH 8240
Hanover, VA										
Patrick Newcomb	311.3273	Pioneer P1464VYHR*	AVBL,YGCB HX1,LL,RR2	Poncho 1250 +VOTIVO	32400	—	Bicep II Princep	—	300/30/300	John Deere 1770 Conservation Case IH 8240
Hanover, VA										
JR Newcomb	307.2337	Pioneer P1903YHR	YGCB,HX1,LL,RR2	Poncho 1250 +VOTIVO	33900	—	Bicep II Magnum Princep	—	300/30/300	Kinze 3600 Case IH 8240
Hanover, VA										
VERMONT										
Mary E Llewelyn	214.8776	Channel 203-01STXRIB	SSRIB	Accelaron+ Poncho 250	38000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9500
Northfield, VT										
WASHINGTON										
Scott Gross	320.4744	DEKALB DKC54-38RIB	SSRIB	—	36500	—	Atrazine+Roundup	—	280/70/50	John Deere 1720 CCS Stack-Fold/John Deere S780
Warden, WA										
Boe Clausen	317.2899	DEKALB DKC54-74RIB	VT2PRIB	—	38000	—	Clarity Roundup PowerMax	—	275/0/0	John Deere 1720 MaxEmerge XP John Deere S680
Warden, WA										
WISCONSIN										
Jeff Laskowski	290.6533	DEKALB DKC62-20RIB	VT2PRIB	—	38000	—	Cinch ATZ Lite	—	275/50/120	John Deere 1770NT John Deere 9560 STS
Plover, WI										
Trip Downing	284.1909	Pioneer P0924Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	36000	—	Glyphosate	—	300/92/120	John Deere 1770NT John Deere S790
Whitewater, WI										
Barb Laskowski	276.3010	Pioneer P9998Q™	Q,LL,RR2	—	38000	—	Cinch ATZ Lite	—	275/50/120	John Deere 1770NT John Deere 9560 STS
Plover, WI										
WYOMING										
Bryan Greenwald	275.9818	Pioneer P0339Q™	Q,LL,RR2	Lumivia	34500	—	Abundit Edge Dicamba, Resicore	—	250/80/0	John Deere 1700 MaxEmerge Case IH 1660
Vacuum Lingle, WY										
Robert Cook	260.4798	Pioneer P9551Q™	Q,LL,RR2	—	35000	—	Roundup PowerMax Verdict	—	0/0/0	Case IH 1235 Stackbar Early Riser/Case IH 8010
Lingle, WY										
Chris Cook	240.3181	Pioneer P9608AM™	AM,LL,RR2	—	34000	—	Roundup PowerMax Verdict	—	0/0/0	Case IH 1235 Stackbar Early Riser/Case IH 8010
Lingle, WY										

2021 ENTRIES BY STATE	
Affiliated States	
Alabama .....	50
Arkansas.....	63
Colorado.....	83
Georgia.....	95
Illinois* .....	953
Indiana* .....	330
Iowa* .....	1,000
Kansas.....	264
Kentucky .....	176
Louisiana .....	90
Maryland .....	106
Michigan.....	606
Minnesota* .....	271
Mississippi.....	73
Missouri* .....	197
Nebraska .....	841
New York.....	77
North Carolina.....	256
North Dakota.....	43
Ohio* .....	375
Oklahoma.....	49
Pennsylvania .....	103
South Carolina .....	77
South Dakota.....	146
Tennessee .....	119
Texas.....	64
Virginia .....	107
Wisconsin* .....	190
Unaffiliated States.....	409
Total Entrants .....	7,213

Sustainability Practices

	Yes	No
Are cover crops planted on any portion of your farming operation?....	3,542 – 49%	3,671 – 51%
Are you actively reducing tillage practices? .....	5,760 – 80%	1,453 – 20%
Do you have an active integrated pest management plan? .....	5,066 – 70%	2,147 – 30%
Are you an integrated crop & livestock operation utilizing manure? ..	2,610 – 36%	4,603 – 74%

Forty-seven states participated in the contest; Sixty-four seed companies were represented. The 531 State Winners planted 460 hybrid numbers. 7,213 entries represent a total of 567 different hybrids.

	All Entrants	National Winners
Average Yield	269.4164	376.7593
Avg. Plant Pop.	34,751	38,111
Avg. Harvest Pop.	33,984	37,533
Row Spacing	% of Entrants	% of Entrants
<30"	10.58%	0%
30"	85.81%	100%
36"	2.00%	0%
38"	1.60%	0%
40"	.001%	0%
	All Entrants	National Winners
Average Fertilizer Use		
Nitrogen (lbs)	210.5950	276.1851
Phosphorus (lbs)	62.4024	82.5925
Potash (lbs)	89.5297	134.074
Trace Elements (%)	41.00%	40.00%
Manure (%)	18.35%	45.00%
Timing of Nitrogen Fertilizer Application		
Fall (%)	15.60%	1.00%
Spring Pre-Plant (%)	44.44%	48.00%
At Planting (%)	52.64%	40.00%
Side Dress (%)	58.21%	45.00%
Starter (%)	66.61%	59.00%
Surface Applied (%)	58.21%	81.00%
Incorporated (%)	66.52%	63.00%
Irrigation (%)	17.04%	18.00%
Nitrogen/bu. (lbs)	0.89	0.88
Soil Test (%)	65.00%	60.00%
Previous Crop		
Corn (%)	24.00%	23.00%
Soybeans (%)	64.00%	67.00%
Wheat (%)	4.00%	7.00%
Alfalfa/Hay (%)	0.50%	3.00%
Other (%)	7.50%	0.00%
2021 ENTRIES BY CLASS*		
	# of Entries	Winning Yield
A: Conventional Non-Irrigated.....	679	391.3092
B: Conventional Non-Irrigated* .....	1,423	354.9850
C: No-Till Non-Irrigated.....	659	353.3610
D: No-Till Non-Irrigated*.....	578	391.4773
E: Strip-, Min.-, Mulch-, Ridge-Till Non-Irrigated.....	520	366.8270
F: Strip-, Min.-, Mulch-, Ridge-Till Non-Irrigated*.....	875	409.1868
G: No-Till Irrigated, All States.....	490	602.1684
H: Strip-, Min.-, Mulch-, Ridge-Till Irrigated..	1,182	390.7846
I: Conventional Irrigated.....	807	465.7725
Total .....	7,213	
* Corn Belt States IL IN IA MN MO OH WI		





# COMMIT

# CONTRIBUTE

# COMPETE

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**COMMIT** TO CONTINUOUS IMPROVEMENT IN ENVIRONMENTAL AND ECONOMIC SUSTAINABILITY.

**CONTRIBUTE** TO THE BODY OF AGRONOMIC RESEARCH THAT PUSHES THE NEEDLE FORWARD ON EFFICIENCY.

**COMPETE** AGAINST YOUR OWN PERSONAL BEST.

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