









2021 EXCLUSIVE SPONSORS



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 Macullum Steen





evin Ross is a sixthgeneration 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.



"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 longterm 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







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



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 waterholding 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



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."









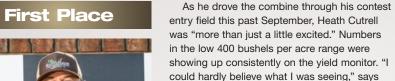
A: CONVENTIONAL NON-IRRIGATED CLASS



Heath, who also won first-place awards in this







class in 2018 and 2019. When final results came in. Heath learned that his official yield tally was just over 391 bushels. "It turns out the monitor was off by a little bit," he relates. "I can't say I wasn't a little disappointed. Breaking that 400-bushels mark would have been special. But then I realized that this was the best yield I've ever had. I'd take it any day."

> Heath is convinced the performance of his new 16-row, CaselH 2130 planter played a major role in shaping his winning yield. The planter is fitted with a full range of Precision Planting features. including DeltaForce down pressure. "The seed placement and spacing was incredible," he says. "We ended up with the best stand uniformity and emergence we've ever had. It really set us up for the rest of the season."

The planter was also set up so that Heath could put down an in-furrow pop-up fertilizer to help get the corn out of the ground quickly. At the same time, he laid a liquid fertilizer package two-inches deep and two-inches to each side of the seed trench. "With the 2x2x2, the liquid

fertilizer is right there when the plants start making roots," he explains. "They don't have to go off looking for nutrients."

Heath planted DEKALB DKC66-18, treated with Poncho 1250 insecticide. "We had used it for the first time the year before and really liked the results." he says, "It's a real race horse from start to finish and the yield potential is phenomenal. It gives you a great kernel set, filling completely to the end of the ear without any tip-back. And the stalk is healthy and girthy. We can get high winds and even hurricanes in this part of the country, so standability is always a consideration."

He built his nutrient management program around tissue sampling. Heath pulled samples weekly, starting at V3 and continuing through the end of the growing season. "Our fertility was pretty stout to begin with," he says. "It was mostly a matter of touching things up along the way and making sure the plants were getting whatever they needed when they needed it."

Basics Add Bushels

- · Focus on getting a uniform stand at planting.
- · Get corn off to a good beginning with starter fertilizers.
- Deliver nutrients to plants throughout the

SUPERVISORS

Lane Davis:

Valley Ag Credit

Josey Miller: FFA Advisor,

Lenior City High School

Ag Loan Officer, River

Second Place

DOUGLAS STALL

HEATH CUTRELL

Chesapeake, VA

391.3092 bu./acre

DEKALB DKC66-18

Population: 38,000

SUPERVISORS

Farm Credit

Harvester: CaselH 8240

Cory Hoar: Conservation Specialist,

Virginia-Dare Soil and Water Conservation

Andrew Turner: Ag Loan Officer, Colonial

Charlotte, MI

363.5288 bu./acre Pioneer P0414AM Population: 34.500

Harvester: CaselH 8240

SUPERVISORS

Kelly Aiken: Financial Services Officer, Greenstone Farm Credit Services

Yvonne Visger: Customer Service Representative. Greenstone Farm Credit Services

Douglas Stall believes in pacing himself. He's entered the contest many times over the years and has collected yield contest awards at the state level. This year, he enters the national winner's circle for the first time with a yield topping 363 bushels per acre, good enough for second place honors. Douglas is 89 years old. "I had to wait for it," he says. "But it feels pretty good."

Ahead of planting, Douglas gave his CaselH 1250 planter a thorough once over. "We want everything working just right as soon as we hit the field," he says. "Our goal is to get that seed into the ground at the right depth and spaced just right so that we end up with a nice even stand. This is the most important part of the season. If you don't get it planted right, you're sacrificing yield right out of the gate. You can't make up for that later on."

Douglas planted Pioneer P0414AM. "It's been a very good performer for us," he says. "It gives you a tall plant with a massive ear. It's not unusual to see ears with 1,000 to 1,200 kernels."

Douglas encourages other growers to participate in the contest. "There are just so many great people involved," he says. "We bounce ideas off each other and find out what is and isn't working. It's a great way to learn more about producing high-yield corn."

Third Place

JOSHUA WILL WATSON

Sweetwater, TN

343.4807bu./acre **DEKALB DKC67-44RIB** Population: 34,000

Harvester: John Deere 9760 STS

Mother Nature smiled on Joshua Watson and his first ever contest entry through most of the 2021 growing season, leading to a yield of just over 343 bu./acre and a third-place award. "We had a little rain just a few days after planting, but then it turned dry and didn't rain again for the next three weeks," Watson relates. "We were starting to get nervous.'

In mid-May, the weather turned. "It started raining, and it kept up all summer," he says. "We got one to two inches every week all the way through harvest. Between rains, the sun would come out, but it never really got hot. Best of all, the nights stayed cool during pollination. It was nearly perfect."

In his fertility program, Watson broadcast 200 units of granular urea on his contest field a day ahead of planting. At V7, he followed up with 50 units of 32 percent UAN, applied through drop nozzles, then made another 50-unit application at V9. At V6, he started taking tissue samples every other week to determine additional nutrient needs.

Three fungicide applications (Trivapro at V6 and silking; Revytek at full tassel) helped head off potential disease problems. "When we harvested the crop on Labor Day weekend, it was still nice and green," Watson reports. "It looked like we could have cut it for corn silage."



TOP THREE WINNERS BY CLASS







	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
			A: (CONVENT	IONAL	NON-	IRRIGATE	D		
ALABAMA Jackson Henderson Madison, AL	294.2947	AgriGold A645-16 VT2PRO	VT2PR0	Acceleron +Poncho 250	26600	-	-	-	110/0/0	John Deere 1775 NT John Deere S680
Forrest Anders Hartselle, AL	279.3484	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	-	34000	-	-	-	250/0/0	Case IH 2150 Early Riser Fro Fold/Case IH Axial Flow 9250
CALIFORNIA Aaron Beaver Isleton, CA	304.0539	Pioneer P1345	CONV	Fungicide, Insecticide, Nematicide	33000	-	Steadfast	-	300/25/100	White 8700 John Deere 9670 STS
COLORADO										
Harry Brinkema Holyoke, CO	136.7927	Pioneer P0622AML™	AML,LL,RR2	VOTiVO	16000	-	DiFlexx, Durango FulTime	-	80/30/0	John Deere 1710 John Deere S780
CONNECTICUT Jim Logue Woodbury, CT	219.724	Channel 210-79DGVT2PRIB	DG-VT2PRIB	Acceleron +Poncho 250	33400	-	-	-	250/125/180	Kinze 3500 Case IH 2388
Michael Logue Woodbury, CT	205.1441	Channel 209-15STXRIB	SSRIB	Acceleron +Poncho 250	33500	-	-	-	250/180/125	Kinze 3500 Case IH 2388
DELAWARE										
Bill Alfree Middletown, DE	307.7335	DEKALB DKC65-95RIB	VT2PRIB	Acceleron +Poncho 250	33000	Ethos XB	Callisto, Harness Xtra 5.6L, Princep 4L	-	125/20/80	Kinze 3660 John Deere S670
Jonathan Snow Smyrna, DE	269.2349	Pioneer P1506AM™	AM,LL,RR2	PPST 250	32500	Lambda	Atrazine 4L, Roundup PowerMax, Zidua	Veltyma	245/82/109	John Deere 1770NT John Deere S660
Whitney Snow Smyrna, DE	251.3017	Pioneer P1380Q™	Q,LL,RR2	PPST 250	33000	Lambda	Atrazine 4L, Roundup PowerMax, Zidua	Veltyma	245/82/109	John Deere 1770NT John Deere S660
FLORIDA										
Russell McLeod Ochlocknee, GA	222.1401	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	Amplify	27430	-	Atrazine 4L, Glyphosate 4 Plus, Prowl H20	Tebucon 3.6F	185/40/250	Monosem Twin Row John Deere 9500
GEORGIA										
Wallace Anderson Ellijay, GA	308.4083	Pioneer P1185YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 1250	34000	-	Atrazine+Glyphosate	-	414/259/303	John Deere 1780 Front-Fold Drawn Conservation John Deere 4420
Jerry Smith Dawsonville, GA	241.7101	Pioneer P1870YHR	YGCB,HX1, LL,RR2	-	32000	-	Atrazine, Glyphosate	-	10/10/10	John Deere 7000 Conservation John Deere 9510
KANSAS										
Jason Taylor White Cloud, KS	305.0157	Taylor Seed Farms 8013	VT2ProRibD0	G Cruiser MAX	33000	-	-	-	240/80/80	John Deere 1775NT Case IH 8250
Alan Wilson Horton, KS	283.9398	DEKALB DKC70-27RIB	VT2PRIB	-	33000	=	-	-	205/65/50	John Deere 1760NT MaxEmerge XP/John Deere S
Michael Justin Clifton, KS	228.8899	Pioneer P1548AM™	Am,LL,RR2	LumiGEN™ 2020 Premium	27500	-	-	-	0/0/0	Case IH 1255 Front-Fold Ear Riser/Case IH 7088
KENTUCKY										
John & Mark Mitchell Clay, KY	326.3194	DEKALB DKC67-94RIB	TRE	-	35000	-	-	-	220/80/120	John Deere 1775 Flex John Deere S780
Tom Goetz Owensboro, KY	317.1041	DEKALB DKC70-27RIB	VT2PRIB	Poncho 500	36000	-	Acuron, Atrazine 4L Roundup PowerMax	-	220/0/0	John Deere 1770NT Case IH 8240
Joe Goetz Owensboro, KY	315.2618	DEKALB DKC67-44RIB	VT2PRIB	Poncho 500	38000	-	Acuron, Atrazine 4L Roundup PowerMax	-	220/0/0	John Deere 1770NT Case IH 8240

NCGA / 2021 WINNERS CORN YIELD GUIDE NCGA / 2021 WINNERS CORN YIELD GUIDE









	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	e Herbicide	Fungicide	N/P/K	Planter/ Harvester
			A: C	ONVENT	IONAL	NON-	RRIGATED			
LOUISIANA										
Bill Moroni Sicily Island, LA	245.7212	Dyna-Gro D54VC14	VT2P	Poncho 1250, Awaken St, Avipel	33500	-	-	Xyway	260/50/75	John Deere 1700 MaxEmerge) John Deere S680
MASSACHUSE	_									
Matt Parsons 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
Dan Llewelyn Northfield, MA	193.5604	Pioneer P9608AM™	AM,LL,RR2	Acceleron+ Poncho 250	45000	-	Atrazine+Calisto	-	220/37/230	John Deere 7200 MaxEmerg 2 Vacuum/John Deere 9500
MARYLAND										
John Rigdon Jarrettsville, MD	324.043	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	35000	-	Lexar	-	0/0/0	John Deere 1770NT CCS Pro John Deere 9670 STS
Brenda Walsh Hampstead, MD	283.2521	AgriGold A645-16 STX	STX	-	34000	-	-	-	200/50/50	John Deere 1770NT John Deere 9670 STS
George Windsor 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										
Tyler Bartlett New Gloucester, ME	205.4089	Channel 185-30VT2PRIB	VT2PRIB	-	38000	-	-	-	210/0/50	White 6100 John Deere 9510
MICHIGAN										
Douglas Stall Charlotte, MI	363.5288	Pioneer P0414AM™	AM,LL,RR2	PPST 250	34500	_ M	AAtrex 4L+Atrazine, akaze Yield Pro, Realm	_ Q	248/85/60	Case IH 1250 Front-Fold Early Riser/Case IH 8240
Eric Voisinet Laingsburg, MI	309.4077	DEKALB DKC54-64RIB	SSRIB	-	37500	-	Buccaneer 5 TripleFLEX	-	220/65/90	John Deere DB60 John Deere S790
Robert & Jeff Grout Croswell, MI	300.1406	DEKALB DKC44-80RIB	VT2PRIB	Acceleron	38000	– Ac	uron, Roundup PowerM	ax –	190/65/125	Case IH 2160 Case IH 9240
MISSISSIPPI										
Justin Hurt Senatobia, MS	256.9841	AgriGold A6659 VT2PRO	VT2PR0	Poncho 500	38000	-	-	-	246/0/0	Monosem Twin Row John Deere S770
Kenny Hurt Coldwater, MS	254.7846	AgriGold A6659 VT2PRO	VT2PR0	Poncho 500	38000	-	-	-	246/0/0	Monosem Twin Row John Deere S770
Michael Williams Coldwater, MS	218.8292	AgriGold A6659 RR	RR	Poncho 500	38000	-	-	-	260/90/50	Great Plains YP-1225A John Deere S670
NORTH CAROL	INA									
Wesley Johnson Dobson, NC	313.3425	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Poncho 1250 +V0TiV0	32000	-	Atrazine Halex GT	Veltyma	176/0/0	John Deere 1770NT John Deere S770
Will Johnson Dobson, NC	298.8108	DEKALB DKC69-98	SS	-	31250	-	Atrazine 4F Halex GT	-	225/75/100	John Deere 1770NT John Deere S770
William Bell 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 DAKOT	Ά									
Steve Huber Berlin, ND	299.9246	DEKALB DKC45-66RIB	VT2PRIB	VOTiVO	34000		Armezon Pro, Atrazine 4 ss Act NG, Destiny, Interl		150/90/20	John Deere 1790 CCS John Deere S780
Bruce Huber Berlin, ND	298.8785	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTiVO	34000		Armezon Pro, Atrazine 4 ss Act NG, Destiny, Interl		150/90/20	John Deere 1790 CCS John Deere S780
Alexis Nogosek Berlin, ND	292.2477	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTiVO	34000		Armezon Pro, Atrazine 4 ss Act NG, Destiny, Interl		150/90/20	John Deere 1790 CCS John Deere S780

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THE CORN REVOLUTION IS HERE

That means new hybrids that have been through years of local testing, including two years of on-farm IMPACT™ plot testing, to perform as expected. To learn about hybrids suited exactly to your acres, contact your local Pioneer sales representative.

Pioneer.com/us/NCGA













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			A: C	ONVENT	ΓΙΟΝΑL	NON-I	RRIGATE	D		
NEBRASKA										
Jonathan Bodlak Wakefield, NE	272.5488	DEKALB DKC65-95RIB	VT2PRIB	Elite-500	32000	-	Roundup+Status Verdict	-	245/70/70	Case IH 1240 Pivot-Transpo Early Riser/ Case IH 2388
NEW HAMPSH	IRE									
Frederick Llewelyn Northfield, MA	198.6301	Channel 206-11STXRIB	SSRIB	Acceleron +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	Acceleron	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	Acceleron	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	Acceleron	35000	-	Roundup PowerMax Yukon	-	205/107/150	John Deere 1775 NT John Deere S680
Lewis Bickle Dansville, NY	270.9038	DEKALB DKC61-40RIB	SSRIB	Acceleron	34000	-	-	-	50/0/0	John Deere 1770 Conservat John Deere 9570
OKLAHOMA										
Zachary Rendel Miami, OK	213.4403	AgriGold A6572 VT2RIB	VT2RIB	Acceleron+ 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	4									
Andy Martin Lebanon, PA	285.6247	DEKALB DKC61-41RIB	VT2PRIB	Acceleron	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 CAROL	INA									
Jeff Dawson Beaufort, SC	277.1036	AgriGold A647-42 TRC	TRC	-	34000	-	-	-	350/80/300	John Deere 1700 MaxEmerge John Deere 9500
Tyler Seagroves Marion, SC	255.1509	Pioneer P1870YHR	YGCB,HX1, LL,RR2	-	38000	-	Atrazine 4L Halex GT	Trivapro	300/100/200	Case IH 1235 Stackerbar 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 Stackerbar Early Riser/Case IH 8250













	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
			A: C	ONVEN	ΓΙΟΝΑL	NON-I	RRIGATE	D		
SOUTH DAKOTA	4									
Eugene Johnson Flandreau, SD	272.5882	DEKALB DKC54-65RIB	VT2PRIB	Acceleron	34500	-	AAtrex 4L, Abundit Callisto, Keystone	-	150/0/0	John Deere 1760 Case IH 2366
Paul Scherff Trent, SD	262.4859	DEKALB DKC56-45RIB	SSRIB	Acceleron	34400	-	AAtrex 4L, Roundup PowerMax, TripleFLE		150/60/50	John Deere 1770 John Deere 9770 STS
Jeffery Fliehs Groton, SD	262.2127	Hefty Seed H4933	DGVT2 PRO	-	35000	– Hai	AAtrex 4L, Diablo mess, Roundup Power	– Max	200/50/50	John Deere DB60 John Deere S680
TENNICOCE										
TENNESSEE Joshua Watson Sweetwater, TN	343.4807	DEKALB DKC67-44RIB	VT2PRIB	Acceleron+ Poncho 250	34000	-	Atrazine 4F Roundup PowerMax	Veltyma	300/200/200	John Deere 1795 John Deere 9760 STS
Justin Woodall Decherd, TN	292.4124	AgriGold A647-42TRC	TRC	-	35000	-	-	-	250/0/0	John Deere 1770NT Claas 750
Madison Reed Elora, TN	290.164	DEKALB DKC67-44	VT2P	-	37000	-	-	-	200/0/0	John Deere 1775NT John Deere S660
TEXAS										
Justin Hansen Lorena, TX	237.9638	Dyna-Gro D58SS65	SS	Poncho 1250	25500	-	-	-	180/0/0	John Deere 1720 John Deere S780
Keith Kresta 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 Case IH Axial Flow 2388
Aaron Martinka Buckholts, TX	210.7477	DEKALB DKC67-94	VT2P	Acceleron 1250	25500	- ,	Atrazine, Balance Flex Gly Star, Laudis Roundup PowerMax		170/52/60	John Deere 1720 Case IH 8230
VIRGINIA										
Heath Cutrell Chesapeake, VA	391.3092	DEKALB DKC66-18	VT2P	Poncho 1250	38000	-	Atrazine	Headline AMP	350/80/350	Case IH 2130 Case IH 8240
Ryan Horsley Virginia Beach, VA	274.931	DEKALB DKC70-27	VT2P	Amplify D+ Poncho 1250	39000	-	-	-	300/150/275	John Deere 1795 John Deere S780
VERMONT Rene Bourdeau Swanton, VT	268.9725	Pioneer P0035Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	33000	-	-	-	240/80/200	John Deere 1770NT Case IH Axial Flow 7250
Jason Bourdeau 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
Theodore Grembowicz 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 238
WEST VIRGINIA										
Duncan Smith Keyser, WV	289.3454	Pioneer 1197am	-	LumiGEN™ 2020 Premium	34000	-	SureStart	-	200/20/150	John Deere 1770 John Deere S670
Chris Miltenberger 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





B: CONVENTIONAL NON-IRRIGATED* CLASS







ASSOCIATION

TOP THREE WINNERS BY CLASS







First Place



TROY UPHOFF

Findlay, IL

354.9850 bu./acre **DEKALB DKC64-64RIB** Population: 38,000 Harvester: John Deere S780

SUPERVISORS

Madison Bruns: Shelby County Manager, Farm Bureau Ted Huber: Agronomist, Pro Ag Consultants

Troy Uphoff is a man on the move. Last year, he entered the contest for the first time and netted third-place honors with a vield of 324 bu./acre. This year, he boosted his yield by 30 bushels and earned first-place honors.

"It took a real team effort again this year," says Uphoff. "I had great support from employees, family, friends and mentors, representatives of major ag business, local retail outlets and others."

The weather assisted, too. "We had an absolutely great growing season," he says. "It never got too dry or too hot. And we had rain when we needed it."

Uphoff planted DEKALB DKC64-64RIB, a 114-day variety. "This is the first year we've grown it," he notes. "It had been one of the top performers in DeKalb's central Illinois field plots the previous year. It has good stay green and good standability. We liked what we saw."

The contest entry was on a field with a complete field tile system in place. "We put it in two years ago, and it was one of the best investments we've ever made," says Uphoff. "It gives us more control over moisture levels in the soil, enhancing the potential for higher yields."

Uphoff views taking part in the contest as a way to explore new practices and products on limited acres. "For me, the contest isn't about producing a high yield on one plot in a single year," he says. "It's about assessing technology and innovations that can bring higher yields to all fields in the future."

His approach to nutrient management offers an example. On most of his corn production acres, he makes two nitrogen applications - the first one in the fall and the second one about a week ahead of planting. On this year's contest plot, Uphoff added a nitrogen side-dress at V3. Later in the season, he used tissue sample results to determine rates for foliar feedings of Loveland products at V7, V10 and tassel. "We want the nutrients to be available to the plant when they're needed," he says. "We do everything we can to make sure that plant never has a bad day."

Uphoff also flew Delaro fungicide onto his contest acres at V10 and brown silk. On his other corn ground, he made just one application. "Disease pressure was very heavy this year," he notes. "Tar spot was a real issue. With the second application, we were able to keep plants healthier longer. When we harvested (on September 17), the plants were still partially green. It made a difference on yield."

Basics Add Bushels

- Develop good personal and business support systems.
- Have nutrients in place to meet crop needs.
- · Keep plants healthy longer with fungicides.

SUPERVISOR

United Cooperative

Pete Clothier: Agronomist,

Second Place

RHYLAN KALB Dubois, IN

351.0520 bu./acre **DEKALB DKC65-99RIB** Population: 37,700 Harvester: CaselH 8230

SUPERVISORS

Nick Stevens: Ag Loan Officer, Old National Bank

Tim Robinette: Ag Loan Officer, Old National Bank

Population: 33.000

If you happen to be keeping score, you can now note that Rhylan Kalb is officially two for two in the contest. She entered for the first time in 2020 and won second-place honors with a yield of 345 bu./ acre. This year, she upped yield in this class by nearly six bushels, good enough for another second-place finish.

Kalb kept a close eye on the development of her contest entry throughout the growing season "We were out walking the field at least once a week to check on things like crop growth, plant stress, insect pressure and disease," she says. "You want to try to catch little problems before they turn into big problems."

Selecting the right hybrid was another part of Kalb's game plan. For her contest entry, she planted DEKALB DKC65-99RIB at a seeding rate of 42,000 seeds/acre. "It's a new variety, with great plant health overall," she says. "It gives you a short plant with an upright leaf. That's important in the summer when the plants are trying to release heat through the canopy. "

Adds Kalb: "There are a lot of great new corn hybrids coming along every year. The reps from our seed corn company do a great job of keeping us up to date and help us pick hybrids that will work well with our soils, weather and management."

Third Place

JARED RIPP

Dane, WI

322.5088 bu./acre **DEKALB DKC58-06RIB**

Harvester: John Deere S670

When Jared Ripp first learned the yield on his contest entry had topped 322 bu./acre, good enough for third-place honors in this class, he found himself scratching his head. "We had about as dry a year as I can remember," says Ripp, who entered the contest for the first time this year. "I never thought we'd see a yield this good."

Getting the contest entry off to a good start played a role. "We bought a new John Deere 24-row 1775NT planter this year. It helped us do a better job with seed spacing and depth," he says. "That gave us a nice, even stand."

Sporadic, but timely, rains mid-season also helped the cause. "About six weeks after planting, a lot of our fields were looking really rough," says Ripp. "But then we had a few rains around pollination and a few more in August. They weren't big rains. But there were just enough, coming at just the right times, to carry the crop through."

He believes having the right hybrid in place may have been the most important factor of all. He planted DEKALB DKC58-06RIB. "We've planted it in the past and have had good luck with it," he says. "We like it for its yield, test weights and standability. And it also showed good drought tolerance. That turned out to be pretty important this year."

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
			B: C	ONVENT	IONAL	NON-I	RRIGATEI	D *		
IOWA										
Brant Voss Dexter, IA	320.9558	DEKALB DKC66-18RIB	VT2PRIB	Amplify L	42000	-	-	-	0/0/0	John Deere DB60 John Deere S790
Gary Lowry Searsboro, IA	313.6979	Pioneer P1222AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	37000	-	Resicore	Aproach Prima	240/0/0	John Deere 1795 John Deere S770
Brent Voss Dexter, IA	309.0881	DEKALB DKC66-18RIB	VT2PRIB	-	38000	-	-	-	0/0/0	John Deere DB60 John Deere S790
ILLINOIS										
Troy Uphoff Findlay, IL	354.9850	DEKALB DKC64-64RIB	SS	-	38000	-	Lexar	-	300/300/300	Kinze 3600 John Deere S780
Ryan Albin Tuscola, IL	322.3768	DEKALB DKC66-18RIB	VT2PRIB	Acceleron+ Poncho 250	35000	-	Halex GT Infantry 4L	-	200/99/82	John Deere 1790 CCS John Deere 9770 STS
Braden Short Norris City, IL	322.1497	DEKALB DKC67-44RIB	VT2PRIB	-	37000	-	-	-	300/200/200	Case IH 1250 Front-Fold Early Riser/Case IH 8250
INDIANA										
Rhylan Kalb Dubois, IN	351.0520	DEKALB DKC65-99RIB	Trecepta Rib	Acceleron	37700	-	Degree Xtra, Laudis Roundup PowerMax	-	220/25/30	Case IH 2150 Early Riser Front Fold/Case IH Axial Flow 8230
Chris Cooper Fort Branch, IN	319.9907	AgriGold A647-42 TRC	VT2PR0	Poncho 500	36000	-	Atrazine 4L, FulTime Roundup PowerMax	Revytek Veltyma	350/150/200	Case IH 2150 Early Riser Front Fold/Case IH 8250
Emily Cooper Fold Fort Branch, IN	316.6495	AgriGold A645-16 VT2PR0	VT2PR0	Poncho 500	38000	-	Atrazine 4L, FulTime Roundup PowerMax	Revytek Veltyma	350/150/200	Case IH 2150 Early Riser Front Case IH 8250
MINNESOTA										
David Heublein Lewiston, MN	301.0291	DEKALB DKC60-80RIB	VT2P	Acceleron+ Poncho 250	37500	-	Resicore Roundup	-	220/240/230	Case IH 1200 Pivot Case IH Axial Flow 9250
Steve Lueck Lewiston, MN	297.3831	DEKALB DKC59-82RIB	VT2PRIB	Acceleron+ Poncho 250	34500	-	Resicore Roundup	-	200/240/230	Case IH 1200 Pivot Case IH Axial Flow 9250
Janneke Sobeck Winona, MN	290.2984	DEKALB DKC59-82RIB	VT2PRIB	Poncho 1250	34000	-	Cadence, Callisto Glyphosate, Stinger	-	250/48/120	Kinze 3600 Case IH Axial Flow 5088
MISSOURI										
Aaron Landes Jamesport, MO	321.7999	Pioneer P1213AM™	AM,LL,RR2	-	34400	-	-	-	290/0/0	John Deere 1790 CCS John Deere S670
Lane Aldrich Excelsior Springs, MO	310.3027	Lewis Hybrids 14CV849	Conv	Amplify D+ Poncho 1250	30500	-	_	-	260/80/80	Kinze 4900 John Deere S660
Jim Schreiner Chillicothe, MO	282.1991	DEKALB DKC65-95RIB	VT2PRIB	-	34000	-	-	-	260/80/80	John Deere 1795 John Deere 9770 STS
ОНЮ										
Cory Atley Cedarville, OH	322.0490	DEKALB DKC63-90RIB	SSRIB	Acceleron+ Poncho 250	38200	Capture LFR	Atrazine 4L Zidua	-	295/65/90	John Deere DB60 Fendt 9T
Jenna Stuckey Archbold, OH	308.0329	Pioneer P0953AM™	AM,LL,RR2	Poncho 250 +Raxil	34700	-	_	-	235/0/0	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9670 STS
Jakob Wilson Plain City, OH	306.4706	DEKALB DKC59-82RIB	VT2PRIB	-	34000	Lamcap Province	Callisto Roundup PowerMax Stalwart	Miravis Quilt Xcel	200/67/0	John Deere 1775NT John Deere S790
WISCONSIN										
Jared Ripp Dane, WI	322.5088	DEKALB DKC58-06RIB	SSRIB	Acceleron	33000	-	-	-	0/0/0	John Deere 1775 NT John Deere S670
Alex Coughlin Watertown, WI	289.7433	Pioneer P0953AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	-	Atrazine, Callisto Glyphosate, Harness	-	300/105/120	John Deere 1775NT Case IH 7230
Ron Digman Mount Hope, WI	288.3498	Beck's Hybrids 6622AM	AM	Escalate	33000	-	Lumax Roundup PowerMax	-	250/200/200	John Deere 1770 NT CCS Case IH 2388

*Corn Belt States: IL. IN. IA. MN. MO. OH. WI NCGA / 2021 WINNERS CORN YIELD GUIDE



C: NO-TILL NON-IRRIGATED CLASS







Harvest Insecticide Herbicide







First Place



LEONARD TRUSZKOWSKI

Stewartsville, NJ

353.3610 bu./acre Dvna-Gro D54VC14RIB Population: 38,000 Harvester: Lexion 575R

SUPERVISORS

Christian Bench: Soil Conservationist. NRCS

Hannah Tremblay: Soil Conservationist, NRCS

After three years of entering the corn yield contest, Leonard Truszkowski is getting it dialed in. His 353 bu./acre yield in this class lands him in first place.

"Planting conditions were near perfect this year, although it's rare for us to actually have wet conditions in early spring," Truszkowski says. "The growing season was good, too, except for a mid-summer dry spell. Still, we ended up with above-average rainfall."

He uses a John Deere 1770 NT for planting with a population rate of 38,000 on 30-inch rows.

The New Jersey farmer credits much of his success to his crop consultant from Nutrien. "We've used the same guy for 15 years and he helps us not only select hybrids, but also helps us develop our fertility and crop chemical program. He looks at hybrids that have performed well in our area and then makes recommendations. We'll often plant more than 20 different hybrids a year."

The backbone of his operation, however, starts with soil sampling in 1- to 2-acre grids, always with an eye toward improving soil health and increasing yields. Fifteen years of soil data has helped him build a consistent fertility program that includes using chicken manure from a local poultry operation.

Poultry manure provides about half his nitrogen and all his potash at half the price of commercial fertilizer. It also provides

micronutrients and organic matter. "Getting that organic matter is something you just don't get from commercial fertilizer," he says.

Tissue sampling has become a common agronomic practice on the entire farm, but it gets more rigorous attention on contest acres. "We sample every week once corn hits 2 inches tall right up until harvest," he says. "If results show we're lacking nutrients, we immediately foliar feed. This year we fed four different times." The rest of the farm gets tissue-tested about once a year. At this point, he's not sure additional whole-farm testing would pay.

Weed control starts with a preemerge application of Atrazine and Resicore, followed by Roundup at V5.

This year he also used Magistrate fungicide at 7 ounces per acre primarily to keep Gray Leaf Spot and Anthracnose in check.

Typically, about every three years he contends with wet harvest conditions, but not this year. "We started the end of September and it was smooth sailing."

Basics Add Bushels

· Wait for the right conditions to plant.

SUPERVISORS

Retired Aa Instructor.

Edgewood High School

Roy Norris:

- Conduct routine tissue sampling.
- Use proven hybrids.

Second Place

SHARON SANTINI Phillipsburg, NJ

352.3746 bu./acre DeKalb DKC63-90RIB Population: 40.000

Harvester: John Deere 9670

SUPERVISORS

Hank Bignell: Warren County Extension Agent, Rutgers Cooperative Extension

Robert Mickel: Retired Extension Aa Agent, Rutgers Cooperative University

The Santini family has been active in the yield contest for some 30 years and this year Sharon comes in with a whopping 352 bu./acre yield for second place in this class

It all starts, she says, by selecting the right hybrid. "I talk to our dealers and our crop consultant for input. This year we went with DEKALB DKC63-90RIB with a 114-day maturity from a group of about a dozen hybrids that we planted."

She bumped up the plant population to 40,000 on the contest field from the 35,000 to 37,000 rate on the rest of the farm's corn acres.

Starter fertilizer gets the corn crop off to a fast emergence and chicken litter from a local poultry operation plus commercial fertilizer keeps it growing. "About 20 to 30 percent of our nutrient needs come from poultry litter, plus it adds organic matter to the soil. And besides nitrogen, phosphorus and potassium, we add zinc, sulfur and boron," she says.

Santini regularly changes her herbicide program but this year went with Acuron at 2.5 quarts per acre and Roundup at 1 quart per acre. She came back twice with 13.7 ounces of Miravis Neo fungicide at V8 to V10 and again at R2. After tissue sampling four times, no additional fertilizer was needed.

Weather conditions couldn't have been better this season. "We had rain almost every week. It's almost like we had an irrigated crop," she says. "Next year I'm going to look more closely at fertilizer placement."

Third Place

WILLIAM RIGDON

Jarrettsville, MD

324.2236 bu./acre DeKalb DKC65-95RIB Population: 36.000

Harvester: John Deere 9670 STS

Although this was William Rigdon's first year entering the contest, he's hooked. His dad and brother have been previous winners and he hopes to follow in their footsteps.

Rigdon started with zone soil testing and will continue that on contest acres every year. On the rest of the farm, testing happens every other year.

Farming in a densely populated area comes with challenges, he admits. "We make sure we have all our certifications in place because often neighbors and landlords want to know what we're doing and what we're applying, especially when it comes to spraying."

Rigdon employs cover crops – radishes, rye and wheat – to build organic matter and reduce erosion. Some cover crops are also used for grazing cattle. Fertility starts with a spring application of 60-140-270, then a burndown of 30 percent UAN and Lexar herbicide one week before planting. He applies a starter at planting and three sidedress applications of 50 units of nitrogen at V4, V10 and V12. Soil pH is kept at 6.3 to 6.5.

Miravis Neo fungicide at a 13.7 ounce rate is applied at V5, V10 and R1. The last application is flown on using a helicopter. "Because of disease pressure, we got a 40 to 60 bushel per acre increase by using fungicides," he says.

Harvest started September 18, and warm, dry weather made for ideal conditions. "I like competition and getting to see our hard work pay off with higher yields," he says.

TOP THREE WINNERS BY CLASS

□-BASF
We create chemistry



	Yield	Brand/ No.	Traits	Seed Treatment I	Harvest Population	Insecticide	e Herbicide	Fungicide	N/P/K	Planter/ Harvester
				C: NO-TIL	L NON	I-IRRIG	ATED			
ALABAMA										
Ben Haynes Cullman, AL	276.9823	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	LumiGEN™ 2020 Premium	27360	Grizzley	Atrazine 4L, Halex GT Leadoff, Roundup PowerMax, Sharpen	Trivapro	0/0/0	Kinze 3600 Case IH 2588
Jamie Roberts Fort Payne, AL	273.9109	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	LumiGEN™ 2020 Premium	27075	Grizzley	Atrazine 4L, Roundup PowerMax, Select Max Sharpen		0/0/0	Kinze 3500 John Deere S670
John Bevel Albertville, AL	260.4043	DEKALB DKC68-69	VT2P	Acceleron+ Poncho 250	27360		Atrazine 90 DF, Dicamb audis, Roundup UltraMa		140/0/11	Kinze 3600 John Deere 9500
COLORADO										
Ross Brinkema Holyoke, CO	142.4439	Pioneer P0343AML™	AML,LL,RR2	VOTiVO	16000	-	Durango, FulTime	-	80/30/0	John Deere 1710 John Deere S780
Verdis Vieselmeyer Holyoke, CO	120.4110	Pioneer P0157AM™	AM,LL,RR2	Lumivia	15000	-	AMS, DiFlexx Durango, SureStart	_	70/30/0	John Deere 1775NT John Deere S670
Brian Hornung Stratton, CO	93.3180	Pioneer P0622AML™	AML,LL,RR2	Lumivia	11000	-	Atrazine+Glyphosate Bicep+Dual II, WideMate	- ch	60/20/10	John Deere 1775 NT New Holland CR8080
CONNECTICUT										
Louis Lipton Somers, CT	200.8931	Channel 194-49DGVT2PRIE	DG-VT2PRIB 3	Poncho 1250	33400	-	Glystar Plus Resolve Q	Aproach Prima	350/150/245	Kinze 3600V John Deere 9560
DELAWARE										
Aaron R Thompson Hartly, DE	269.7441	Channel 218-44VT2PRIB	VT2P-RIB	Poncho250	27500	-	-	-	130/0/45	Kinze 2600 Gleaner R75
Bruce Snow Smyrna, DE	264.0441	Pioneer P1077AM™	AM,LL,RR2	PPST 250	31000	Lambda	Atrazine 4L, Roundup PowerMax, Zidua	Veltyma	190/80/99	John Deere 1770NT John Deere S660
FLORIDA										
Sam Jones Jasper, FL	227.0755	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	Amplify	26950	-	Atrazine 4L Glyphosate 4 Prowl H2O	Tebucon 3.6F	200/50/260	Monosem Twin Row Case IH 1660
Samantha Jones Wellborn, FL	220.6105	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Acceleron+ Poncho 250	27200	-	Atrazine 4L, Prowl H20 Roundup WeatherMax		200/90/250	Monosem Twin Row Case IH 1660
Greg Brown Lee, FL	212.8119	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Acceleron+ Poncho 250	26490	Counter 15 G	Atrazine 4L Roundup PowerMax	-	210/0/250	Monosem Twin Row John Deere 9500
KANSAS										
Ronald Ohide Palmer, KS	289.7334	Ohlde Seed Farms 0 29-14	s VT2P	Cruiser MAX w/Vibrance	27500	-	Atrazine Buccaneer 5 Dicamba, FulTime Laudis	Headline AMP Trivapro	175/45/30	Case IH 2140 Early Riser Gleaner S77
Glenn Heinen Seneca, KS	283.8746	Pioneer P1464AML ^{TM*}	AML,LL,RR2	LumiGEN™	28000	-	Acuron SureStart	Lucento	170/60/80	John Deere 1775 NT John Deere S770
Dean or Victor Menold Hiawatha, KS	282.5659	Beck's Hybrids 6414VT2P	VT2P	Poncho 500+ Nemasect+Poncho 2.0	33500	-	Halex GT	Lucento	225/50/50	John Deere 1790 CCS John Deere S670
KENTUCKY										
Scott Zoglmann Owensboro, KY	322.1545	DEKALB DKC69-99	TRE	Capture	35000	-	Acuron	-	236/92/120	Case IH 2150 Early Riser Front Fold/John Deere 790
Mike Reynolds Campbellsville, KY	308.5691	Beck's Hybrids 6374V2P	V2P	-	34920	-	-	-	152/100/90	John Deere 1795 John Deere S780
David Peterson Loretto, KY	293.8881	DEKALB DKC63-58	CONV	Acceleron+ Poncho 250	32000	-	-	-	168/18/56	John Deere 1770 NT CCS John Deere S780

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TOP THREE WINNERS BY CLASS

BASF





• ASSOCIATION		We create cher						create chemistry	JOHN DEERE PIUNEEK.	
	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
				C: NO-TII	LL NON	I-IRRIG	ATED			
MASSACHUSET	TS									
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
MARYLAND										
William Rigdon Jarrettsville, MD	324.2236	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	36000	_	-	-	0/0/0	John Deere 1770NT CCS Pro John Deere 9670 STS
Brad Rill Hampstead, MD	301.0724	DEKALB DKC67-94RIB	TRE	-	34000	-	-	-	105/0/0	Fendt Momentum FTPM24-3 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, Sharpen	-	200/100/100	John Deere 1770 Front-Fold I Case IH 8120
MISSISSIPPI Adam Hurt Senatobia, MS	256.0391	AgriGold A645-16 VT2PRO	VT2PR0	Poncho 500	38000	-	-	-	246/0/0	Monosem Twin Row John Deere S770
NORTH CAROL	INA									
Isaac Boerema Pantego, NC	307.6111	DEKALB DKC68-69	VT2P	Poncho 1250	37000	Bifenthrin 2EC	Laudis Roundup	Veltyma	260/50/80	John Deere DB44 Case IH Axial Flow 9250
Dennis Boerema Pantego, NC	299.0778	DEKALB DKC70-27	VT2P	Poncho 1250	37000	Bifenthrin 2EC	Laudis Roundup	Veltyma	260/50/80	John Deere DB44 Case IH Axial Flow 9250
Ed Wood Andrews, NC	281.2896	Dyna-Gro D58VC65	VT2P	Poncho 1250	31000	Bifenthrin	Atrazine 4L Brawl II ATZ Credit Extra Dicamba, Peak	Veltyma	219/2/68	John Deere 1780 Drawn Rigio Gleaner R52
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
Jeff Baker Pender, NE	298.5487	DEKALB DKC65-95RIB	VT2PRIB	Elite 500	33000	_	-	-	240/80/100	John Deere 1795 John Deere 9770 STS
Gerald Steffensmeier Howells, NE	282.3979	DEKALB DKC63-91RIB	VT2PRIB	Acceleron+ Poncho 250	30000	_	Verdict	-	220/60/0	John Deere 1770 NT CCS John Deere S670
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	Priaxor	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

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
				C: NO-TIL	L NON	I-IRRIG	ATED			
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
SOUTH CAROL Michael Young		DEKALB	SS	A	00000				000/0/00	Jahra Daarra 7000 Oannamatian
Clinton, SC	230.3311	DKC62-08	55	Acceleron	20000	_	_	_	220/0/80	John Deere 7000 Conservation John Deere 9600
SOUTH DAKOT		D:	0.11.000						000/00/00	0
Scott McKee Hawarden, IA	281.1476	Pioneer P1185Q	Q,LL,RR2	Roundup, Liberty Lumigen,Qrome	33600	_	Aatrex+Calisto Roundup, Stinger	_	280/90/90	Case IH 955 Vertical-Fold Case IH Axial Flow Case IH 2366
Travis Swisher Groton, SD	266.6409	Croplan Seed 4188VT2PRIB	VT2PRIB	Amplify D+ Poncho 250	35000	-	Atrazine, Class Act NG Harness Xtra Roundup PowerMax	i –	195/20/7	John Deere 1770 NT CCS John Deere 9770 STS
Robert Swisher Groton, SD	243.5329	DEKALB DKC47-55RIB	VT2PRIB	Amplify D+ Poncho 250	34500	-	Atrazine, Class Act Harness Xtra Roundup PowerMax	-	195/20/7	John Deere 1770 NT CCS John Deere 9770 STS
TENNESSEE										
Elwin Tanner Union City, TN	315.9424	DEKALB DKC66-18RIB	VT2PRIB	Acceleron	33000	-	Laudis	_	300/8/150	John Deere 1770NT Case IH 8240
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
VIRGINIA										
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	Gaucho 250	34000	-	AAtrex, Medal II ATZ Roundup, Status	Veltyma	210/60/80	John Deere 1790 CCS John Deere 9770 STS
Billy French Woodstock, VA	264.8973	DEKALB DKC66-18RIB	VT2PRIB	-	36000	-	-	-	200/0/0	Kinze 3500 John Deere 9500
VERMONT										
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
WASHINGTON 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	4									
Bailey Wolpert Hurricane, WV	267.7103	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	33000	-	Brawl ATZ, Rifle Roundup PowerMax Status	_	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	-	210/50/100	John Deere 1790 CCS John Deere 9670 STS
Grace Wolpert Hurricane, WV	228.1185	Pioneer P1077AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	29500	-	Status Brawl ATZ, Rifle Roundup PowerMax Status	-	210/50/100	John Deere 1790 John Deere 9670 STS
WYOMING	67.074.4	Diorece	AMIL DDC	Crudera	14500		Armores Dec		60/20/0	John Doore 1770NT 000
Lee Peterson Albin, WY	67.2714	Pioneer P9188AM™	AM,LL,RR2	Cruiser+ Poncho 250	14500	_	Armezon Pro Durango DMA	_	60/30/0	John Deere 1770NT CCS ProXP/John Deere 9770 STS









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O R N G R O W E R S



SHAWN KALB

Dubois, IN

391.4773 bu./acre **DEKALB DKC65-99RIB** Population: 38.000 Harvester: CaselH 8230

SUPERVISORS

Tom Krodel: Ag Loan Officer, Old National Bank Nick Stevens: Ag Loan Officer, Old National Bank

Shawn Kalb didn't need a road map to find her way back to the contest winner's circle. Dating back to 2017, she's now won first-place awards four times and second-place honors once. This year, her contest entry came in at 391 bu./acre.

In crafting this year's winning yield. Kalb blended a handful of tried and true management basics with several new concepts. For starters, she planted DEKALB DKC65-99RIB, at a rate of 38,000 seeds/acre. "Over the years, we've backed off some on our planting population," she says. "With a thicker planting, the plants don't cool at night later in the season. At the thinner rate, the plants can release more heat through the canopy."

At planting, she decided to replace in-furrow starter fertilizer with an in-furrow application of one gallon of humic acid and two gallons of Agri-Sweet from Monty's Plant Food Company. Capture insecticide, PGR Radiate and zinc also went into the furrow. She laid a micronutrient package two inches deep and two inches to both sides of the seed trench. "We've done a good job of building up soil fertility levels over the years," she explains. "We thought we might be able to gain a little more by focusing on biological activity in the soil using the humic acid and Agri-Sweet."

In her nutrient management program, Kalb took weekly tissue samples, starting at 300 GDUs (Growing Degree Units) around V3 and continuing through black layer. Based on sampling results, she used Y-Drops on a Hagie Highboy sprayer

to apply nitrogen and other nutrients at critical growth stages. This year, she mixed humic acid with the liquid fertilizers for applications at V6 and V10 with the goal of promoting biological activity in the soil.

"We've been learning more and more about the relationship between microbes in the soil and yield," she says. "You can put all kinds of nutrients out there for the plants. But if you don't have bugs working to convert those nutrients into food, you aren't really gaining anything."

Working with a team of knowledgeable ag consultants also played a role in Kalb's contest win. "Agronomist Joe Dedman from Monty's helped us get our soil where it needed to be so seed could get out of the ground quickly," she says. "Our DeKalb seed rep, Chad Brown, helped us with getting the right hybrid for our soil types, and DeKalb agronomist, Matt Parmer, gave us great advice on how to keep the plant healthy throughout the growing season. With this type of help, how could we not do well in the contest?"

Basics Add Bushels

- Don't overdo on seeding rates.
- Tissue sample to determine nutrient needs and application timing.
- Take steps to enhance biological activity in the soil

Second Place

EMMERSEN KALB

Dubois, IN

352.3063 bu./acre **DEKALB DKC69-99RIB** Population: 41,700 Harvester: CaseIH 8230

SUPERVISOR

Nick Stevens: Ag Loan Officer, Old National Bank

Tim Robinette: Ag Loan Officer, Old National Bank

Talk about making a great first impression. Fourteen-year old Emmersen Kalb entered the contest for the first time this year and wound up earning a second-place award with a yield of 352 bu./acre.

Decent growing season weather helped shaped Kalb's winning yield. "It was dry off and on, but we always seemed to get rain when we needed it," she says. "You can do a lot of things just right. But if the weather doesn't cooperate, you might not get the yield you're looking for."

For a hybrid, Kalb planted DEKALB DKC69-99RIB at a rate of 42,000 seeds/acre. "It gives you a short plant with a great big ear and big, wide leaves which capture more sunlight," she notes. "We like shorter plants. With tall plants, it's harder to release heat from the canopy, especially when you're pulling in a lot of sunlight. That can cost you yield."

There's a lot to like about taking part in the contest, according to Kalb. "My whole family gets involved," she says. "It's a lot of hard work, and it can be challenging sometimes. But it also brings us closer together as family. We help each other out and encourage each other. We're always learning more about corn, and we have a lot of fun doing it."

Third Place

JONATHAN BORGES

Marshall, MO

339,5690 bu./acre AgriGold A645-16VT2PRO Population: 33,000 Harvester: CaselH 5140

SUPERVISOR

Mark Jensen: Ag Loan Officer, FCS Financial

Shelby Twenter: Ag Loan Officer, FCS Financial

Twists and turns in the weather had Jonathan Borges wondering at times if he'd make it back into the winner's circle for a third straight year. In the end though, the crop delivered a yield of over 339 bu./acre, an all-time personal best for Borges.

A cold, wet spring delayed planting in the contest field until April 27. "Ordinarily, we like to get going earlier than that," he says. "But if the conditions aren't just right, we won't push it."

At planting, Borges laid a liquid, pop-up fertilizer, along with calcium and micronutrients, into the furrow. "It gives the seed a little more kick to get going," he explains. "It also helps with stalk quality and makes for a healthier plant overall."

A two-week stretch of wet weather in late June, with pollination approaching, presented another challenge. "Toward the end of that period, we had a ten-inch rain," Borges notes. "The ground was really saturated, and the corn started to turn a little yellow."

Two, fly-on applications of Veltyma fungicide — the first at V10, the second at brown silk - helped carry the contest corn through. "With all the wet conditions, we had the potential for a lot of disease pressure," he says. "But the plants staved healthy. They were still pretty green when we combined. It was a life-saver for us this year."

TOP THREE WINNERS BY CLASS







	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
				D: NO-TIL	L NON	-IRRIG/	ATED*			
IOWA										
Kyle Schomers	322.2593	Wyffels Hybrids	VT2P	Acceleron+	34000	_	Atrazine, Bellum	Quilt Xcel	265/180/150	John Deere 1795
Westphalia , IA	022.2000	W7696RIB		Poncho 250	0.000		Generic Roundup	quiit 71001	200/100/100	John Deere S770
Tim, Dan & Joe Durick Council Bluffs, IA	308.5848	Pioneer P0953AM™	AM,LL,RR2	-	31500	_	Atrazine, Callisto Gly Star	-	220/100/100	John Deere 1770NT CCS Prox John Deere S680
Robert Jensen Neola, IA	308.4279	DEKALB DKC65-95RIB	VT2PRIB	AF-2VT2P ELT500 B-E	36000	-	_	-	160/100/100	John Deere 1790 CCS John Deere S660
ILLINOIS										
Wayne Rosenthal	305.4306	DEKALB	VT2P	500-B-EDC	35500	_	Resicore	Trivapro	250/115/180	Kinze 3200
Morrisonville, IL		DKC64-65RIB								Case IH 2366
Brandon Brooks Erie, IL	296.6417	Pioneer P1185AM™	AM,LL,RR2	-	33500	Hero	Atrazine 4L Callisto, Halex GT	Aproach Prima	200/140/160	John Deere 1770NT John Deere S680
Dan & Virginia Dietmeiei Durand, IL	281.1393	Pioneer P0720Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	35000	-	-	-	0/0/0	Kinze 3600 Case IH 8120
INDIANA										
Shawn Kalb Dubois, IN	391.4773	DEKALB DKC65-99RIB	Trecepta Rib	Acceleron	38000	_	Degree Xtra, Laudis Roundup PowerMax		220/25/30	Case IH 2150 Early Riser Fron Fold/Case IH Axial Flow 8230
Emmersen Kalb Dubois, IN	352.3063	DEKALB DKC69-99RIB	TRERIB	Acceleron	41700	-	Degree Xtra, Laudis Roundup PowerMax		220/25/30	Case IH 2150 Early Riser Fron Fold/Case IH Axial Flow 8230
Wally Linneweber Vincennes, IN	335.5600	Pioneer P1847AML™	AML,LL,RR2	Amplify D+ Poncho 1250	38000	-	Acuron, Rifle Roundup PowerMax	-	200/75/100	John Deere 1795 John Deere S780
MINNESOTA										
Chris Sobeck Winona, MN	308.8026	DEKALB DKC60-80RIB	VT2P	Poncho 1250	34000	-	Cadence, Callisto Glyphosate, Stinger	-	200/48/120	Kinze 3600 Case IH Axial-Flow 5088
Mike Unruh Winona, MN	281.1148	Dairyland Seed DS-4878Q™	Q	-	35000	-	-	-	180/0/0	White 8222 Flex Forward-Fold Case IH Axial Flow 6130
Jason LeVan Elgin, MN	272.9500	Gold Country Seed 106-96RSS	SSRIB	Acceleron	34000	-	-	-	130/0/179	Kinze 3600 John Deere S660
MISSOURI										
Jonathan Borges Marshall, MO	339.5690	AgriGold A645-16 VT2PRO	VT2PR0	-	33000	-	-	-	250/0/0	John Deere 7200 Case IH 5140
James Ball Fairfax, MO	335.8864	Lewis Hybrids 16DP887	VT2PRIB	Acceleron	36000	-	AAtrex+Harness Generic Roundup	-	280/90/90	Kinze 3200 John Deere S660
Miles Smith Fairfax, MO	323.1101	Wyffels Hybrids W7878RIB	SS	Acceleron+ Poncho 250	34000	-	-	-	230/50/50	John Deere 1760 Drawn Wing-Fold Flex John Deere 9570 STS
ОНЮ										
C. Davis South Vienna, OH	301.9297	AgriGold A644-32TRC	Trecepta	Apron Max+ Poncho 250	34000	-	Brawl II ATZ Explorer	-	270/60/65	Kinze 3660 John Deere 9670 STS
Nathan Ewing Waverly, OH	301.1237	DEKALB DKC66-18RIB	VT2PRIB	Poncho 500	34000	-	_	-	220/180/150	John Deere 1770NT John Deere S680
Kevin Mattinson South Solon, OH	298.8819	Croplan Seed 537VT2P	-	Advanced Coating Zn	36000	-	-	-	200/0/0	Case IH 1245 Split-Row Pivot- Transport Early Riser Case IH 2388
WISCONSIN										
Tim Appell Shullsburg, WI	323.9837	DEKALB DKC64-35RIB	VT2PRIB	Poncho 250	36500	-	-	-	200/80/80	Kinze 4900 Case IH 8230
Steven Wilkens Random Lake, WI	315.3779	Golden Harvest G02K39-5122 E-Z Refuge	Duracade 5122	-	41450	-	Acuron Roundup, Status	Miravis Trivapro	240/200/200	Kinze 3000 John Deere 9500
Kevin Bahr Darlington, WI	297.1093	Pioneer P0953AM TM	AM,LL,RR2	-	35500	-	Acuron Roundup PowerMax Status	-	250/70/90	John Deere 1775NT John Deere S770

*Corn Belt States: IL. IN. IA. MN. MO. OH. WI

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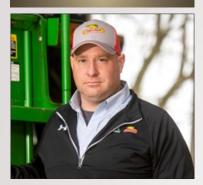
E: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, RIDGE-TILL NON-IRRIGATED CLASS







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 Anguscross 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.

Ridgon'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."

Ridgon 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.

SUPERVISOR

Troy Muse: Ag Advisor,

KCTCS Community College

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 preemerge 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

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 postemerge 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.













Yield

TOP THREE WINNERS BY CLASS

BASF

Harvest Insecticide Herbicide Fungicide N/P/K Planter/





	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
E: :	STRIF	P-TILL, M	IINIMU	M-TILL, I	MULCH	-TILL, I	RIDGE-TILI	NON	-IRRIG <i>I</i>	ATED
ALABAMA										
Mike Henderson Madison, AL	276.2079	AgriGold A6659 VT2PRO	VT2PR0	-	26600	-	-	-	200/52/52	John Deere 1775 NT John Deere S680
ARKANSAS										
Scott Williamson Eads, TN	202.6943	Pioneer P1563VYHR	AVBL,YGCB, HX1,LL,RR2	-	32000	_	_	_	220/30/75	John Deere 1755 Case IH 8120
George Williamson Mellwood, AR	188.2632	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	-	32000	-	-	-	220/30/75	Kinze 3600 Case IH 8120
CONNECTICUT	•									
Jocob Lipton Somers, CT	218.6344	Channel 194-49DGVT2PRIE	DG-VT2PRIB	Poncho 250	32300	-	Glystar Plus Resolve Q	Aproach Prima	350/150/245	Kinze 3600V John Deere 9560
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
Bryan Melvin Wyoming, DE	257.8029	Channel 211-66VT2PRIB	VT2PRIB	-	26000	-	-	-	0/0/0	Kinze 3600 Gleaner s78
GEORGIA										
Logan Poppell Odum, GA	205.5942	AgriGold A6544 VT2PR0	VT2PR0	Poncho 500	27000	-	Atrazine+Roundup Dual Magnum, Paraqua	Trivapro at	235/70/200	John Deere 1700 Twin Row John Deere 9500
Kenny Poppell Jesup, GA	203.3002	AgriGold A647-35 AS5222	AS5222	Poncho 500	27000	-	Atrazine+Roundup Dual Magnum, Paraqua	Trivapro at	220/70/230	John Deere 1700 Twin Row John Deere 9500
Will Foster Blakely, GA	181.8345	Dyna-Gro D58VC65	VT2P	-	18980	-	-	-	145/80/70	John Deere 1700 MaxEmerge X John Deere 9500
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
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
Donald Becker Everest, KS	286.1125	Pioneer P1289AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	34000	-	-	_	250/200/150	Case IH 1265 Case IH 8230
KENTUCKY										
Darrell Hagan Whitesville, KY	324.9635	Stewart Seeds 13DD360	DGVT2P	Acceleron	38000	-	Armezon Pro Atrazine 4L, Cornerstor Cornerstone Plus Simazine 90DF	Veltyma e	250/0/0	Kinze 3600 John Deere S670
Kevin Hayden Mayfield, KY	323.9038	DEKALB DKC69-99RIB	TRERIB	Poncho 500	39000	-	-	-	270/270/300	John Deere 1770 John Deere S680
Jason Greenwell Waverly, KY	318.7753	Channel 214-78DGVT2PRII	DGVT2P RIB B	Acceleron	39000	Steed	2,4-D, Atrazine 90 DF Roundup Roundup PowerMax Verdict	Priaxor Trivapro	300/92/120	John Deere 1775NT John Deere S780
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

	Yield	Hybrid Brand/No.	Traits	Seed Treatment	Population	Insecticide	Herbicide	Fungicide	N/P/K	Harvester
E:	STRIF	P-TILL, N	IINIMU	JM-TILL, I	MULCH	-TILL, I	RIDGE-TIL	L NON	-IRRIGA	TED
Nathan Lee Tallulah, LA	239.9253	Pioneer P1366YHR	YGCB,HX1, LL,RR2	-	36000	-	-	-	250/100/150	John Deere 1720 MaxEmerge XI John Deere S780
Billy Lee Tallulah, LA	236.0154	Pioneer P2042VYHR	AVBL,YGCB, HX1,LL	-	35000	-	-	-	250/50/100	John Deere 1720 MaxEmerge XI John Deere S780
MASSACHUSI	ETTS									
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
Wanda Liewelyn 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
MARYLAND										
Harrison Rigdon Jarrettsville, MD	366.8270	DEKALB DKC59-82RIB	VT2PRIB	Acceleron+ Poncho 250	38000	-	_	-	0/0/0	John Deere 1770NT CCS ProXF John Deere 9670 STS
Chad Rigdon Jarrettsville, MD	316.1227	DEKALB DKC65-95RIB	VT2PRIB	Acceleron+ Poncho 250	36000	-	Lexar+Roundup	-	0/0/0	John Deere 1770NT CCS ProXF John Deere 9670 STS
Felix Rutkoske Middletown, MD	268.7346	Pioneer P0935AM™	AM,LL,RR2	Poncho 250 +Raxil	32500	-	-	-	200/50/60	John Deere 1770NT Case IH 8240
MAINE										
James Hilton Norridgewock, ME	238.4423	Channel 185-30VT2PRIB	VT2PRIB	-	32000	-	-	-	150/80/120	Case IH 1200 Claas Lexion 450
MICHIGAN										
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
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
John Stanger Dundee, MI	303.7644	Channel 209-15VT2PRIB	VT2PRIB	stalwart 3w	34000	-	-	-	230/70/200	John Deere 1775NT John Deere S670
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 XF John Deere S770
Anna Hurt Senatobia, MS	255.8448	AgriGold A645-16 VT2PRO	VT2PR0	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 CARO	LINA									
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+VOTiV	/0 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









M	NATIONAL
V	CORNGROWERS
•	ASSOCIATION

Yield

Hybrid Traits

TOP THREE WINNERS BY CLASS

Seed

BASI

Harvest Insecticide Herbicide Fungicide N/P/K



Planter/



	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticid	e Herbicide	Fungicide	N/P/K	Planter/ Harvester
E:	STRIP	-TILL, N	IINIMU	M-TILL,	MULCH	-TILL,	RIDGE-TIL	L NON	-IRRIG <i>i</i>	ATED
NORTH DAKOT	ΓΑ									
Berlin, ND	299.9941	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTiVO	34000	-	Armezon Pro, Atrazine Class Act NG Destiny, Interlock	4F –	150/90/20	John Deere 1790 CCS John Deere S780
Robert Huber Edgeley, ND	298.8257	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTiVO	34000	-	Armezon Pro, Atrazine Class Act NG Destiny, Interlock	4F –	150/90/20	John Deere 1790 CCS John Deere S780
Shana Jordahi Berlin, ND	290.2938	DEKALB DKC45-66RIB	VT2PRIB	Poncho 1250 +VOTiVO	34000	-	Armezon Pro, Atrazine Class Act NG Destiny, Interlock	4F –	150/90/20	John Deere 1790 CCS John Deere S780
NEBRASKA										
Bradley Zierott 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 Ear Riser/Case IH Axial Flow 714
Mark Moody Auburn, NE	286.3865	DEKALB DKC65-95RIB	VT2PRIB	ELT500 B-E	34000	-	Buccaneer 5 Callisto, Resicore	Azoxystrobin	266/25/39	John Deere 1790 CCS John Deere 9670 STS
Paul Tighe Homer, NE	277.6205	DEKALB DKC64-65RIB	VT2P	Elite-500	33000	-	Acuron	-	175/60/30	Kinze 3600 Case IH 7140
NEW HAMPSH	IRE									
William Llewelyn Northfield, MA	179.5790	Channel 199-29STXRIB	SSRIB	Acceleron+ Poncho 250	40000	-	Lumax EZ	-	220/37/230	John Deere 7200 John Deere 9500
NEW JERSEY										
Scott Truszkowski Stewartsville, NJ	341.8442	Dyna-Gro D55VC80RIB	VT2P-RIB	Acceleron	38000	-	_	-	500/80/250	John Deere 1770NT Cat Lexion 575R
Jeffrey Barlieb Stewartsville, NJ	320.9778	Hefty Seed H6525	TCPTA	Acceleron+ Poncho 250	40000	-	Acuron	-	350/100/100	John Deere 1780 MaxEmerg Plus Vacuum/John Deere S7
Matt Santini Phillipsburg, NJ	303.3544	Hefty Seed H6524	SS	-	38000	-	Acuron	Priaxor	200/100/200	John Deere 1790 CCS John Deere S670
NEW YORK										
Adam Kirby Albion , NY	293.1075	Pioneer P0947Q	Q,LL,RR2	Cruiser+ Herculex	38000	-	Durango, Infantry 4L Resolve Q	Veltyma	320/90/300	John Deere 1770 NT CCS Case IH 8120
Ryan Siracusa Dansville, NY	282.9423	LG Seeds LG60C47	SSRIB	Poncho 500 + Votivo	37000	-	Makaze Verdict	-	220/60/120	John Deere 1770NT John Deere 9770 STS
Matthew Swede Piffard, NY	264.8426	DEKALB DKC58-64RIB	SS	Acceleron	35000	-	Roundup PowerMax Yukon	-	205/107/150	John Deere 1775NT John Deere S680
OKLAHOMA										
Lauren Foutch 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	John Deere 1770NT John Deere S770
Cody Sloan Gore, OK	268.4991	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Poncho 500	31000	-	-	Trivapro	240/0/0	John Deere 1770NT John Deere S780
Gayla Ledbetter Okmulgee, OK	240.8575	AgriGold A6659 VT2PRO	VT2PR0	Amplify D+Gauch	no 32000	-	Atrazine 4L Glyphosate Stalwart C	Aproach Prima Azoxystrobin Tebucon 3.6F	250/50/50	John Deere 1770 NT CCS John Deere S770
PENNSYLVANIA		B=	\	, .					000/5/:::	
Daryl Alger Lebanon, PA	312.4491	DEKALB DKC63-91	VT2P	Acceleron	37500	-	AAtrex, Metalachlor Roundup	-	300/0/140	John Deere 1775NT John Deere S780

		Brand/ No.		Treatment	Population			•		Harvester
E: :	STRIF	P-TILL, N	IINIMU	JM-TILL, N	MULCH	-TILL, I	RIDGE-TIL	L NON	-IRRIG	ATED
Lance Nimmo New Castle, PA	292.5384	DEKALB DKC62-05	RR2	Acceleron+ Poncho 250	32500	-	Lumax	-	225/108/155	Kinze 3600 New Holland CR7090
D Snyder 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 CAROL	INA									
Franklin Howey Monroe, NC	263.2547	DEKALB DKC63-57	VT2P	ELT1250	32000	-	Roundup PowerMax Warrant	Delaro	266/90/30	John Deere 1795 John Deere S780
Thomas Jameson Orangeburg, SC	214.7296	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	Poncho 250	26000	Counter 20 G	Atrazine Roundup PowerMax	-	200/0/100	John Deere 1700 MaxEmerge XP Case IH 7140
SOUTH DAKOTA	4									
Harold Wipf Scotland, SD	266.6552	Pioneer P1366Q™	Q,LL,RR2	-	30000	-	-	-	0/0/0	John Deere 1770 NT CCS John Deere S680
Caleb Loppnow Hazel, SD	262.2686	Croplan Seed 4188SSRIB	SSRIB	-	33500	-	Acuron Roundup	-	225/19/0	John Deere 1760 John Deere S680
Dean Bosse Elk Point, SD	257.3534	Pioneer P1082AM™	AM,LL,RR2	Acre Max	32500	-	-	-	212/95/30	White 9800 Narrow Transport Gleaner S78
TENNESSEE										
Ethan Tanner Union City, TN	312.7208	DEKALB DKC66-18RIB	VT2PRIB	Acceleron	33000	-	Laudis	Veltyma	300/8/150	John Deere 1770NT Case IH 8240
David Womack 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
Sam Bonner Viola, TN	296.6645	Dyna-Gro D55VC80	VT2P	-	36000	-	-	-	280/80/80	Kinze 3600 Case IH 5140
TEXAS Brian Fink Cost, TX	197.4779	Pioneer P1847VYHR*	AVBL,YGCB, HX1,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250 +Votivo	25000	-	Gly Star Plus Leadoff	Aproach Prima	170/55/12	John Deere 1720 John Deere S670
VIRGINIA										
Timmy French Woodstock, VA	274.5188	DEKALB DKC70-27RIB	VT2PRIB	-	36000	-	-	-	200/0/0	Kinze 3500 John Deere 9500
Austin Westbrook Wakefield, VA	273.9404	Axis 65D28	VT2P	Acceleron+ Poncho 250	36000	-	-	-	240/160/65	John Deere 1720 MaxEmerge XP Case IH Axial Flow 8120
Tammy Stephenson Wakefield, VA	267.8008	Local Seed Compar LC1307	ny TC	Acceleron+ Poncho 250	38000	-	-	-	240/160/65	John Deere 1720 MaxEmerge XP Case IH Axial Flow 8120
VERMONT										
Jeffrey Grembowicz Rutland, VT	194.7993	DEKALB DKC44-80RIB	VT2PRIB	Acceleron	31920	Capture LFR	Atrazine 4L Resicore	Xyway	160/25/70	John Deere 1750 Drawn West Conservation/Case IH 2388
WEST VIRGINIA										
Arnold Zirk Wiley Ford, WV	270.3136	Pioneer P1089AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	32000	-	-	-	220/30/150	John Deere 1770 Drawn CCS MaxEmerge/John Deere S670
Louis Miltenberger 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	John Deere 1770NT John Deere S760
Lynn Widmyer Charles Town, WV	189.5570	Pioneer P1298AM ^{TM*}	AM,LL,RR2	-	30000	-	Lexar, Princep 4L Roundup PowerMax	-	200/90/90	John Deere 1770 Conservation Case IH 1660



F: STRIP-TILL, MINIMUM-TILL, MULCH-TILL, DIBASE













KEVIN KALB Dubois, IN

409.1868 bu./acre **DEKALB DKC67-94RIB** Population: 41,700 Harvester: CaselH 8230

SUPERVISORS

Tom Krodel: Ag Loan Officer, Old National Bank Nick Stevens: Ag Loan Officer, Old National Bank

Mostly favorable weather throughout the growing season helped pave the way for Kevin Kalb's winning yield of nearly 410 bu./acre this year. He has now earned a first-place award in one of the contest classes six years in a row.

"I can't say the weather was ideal, but it was pretty decent," notes Kalb. "It got a little dry on us a few times. Then we'd get a nice rain, followed by more dry weather and then another rain. It never got overly hot, but we had plenty of sunshine. Having good soil fertility in place along with the right management allowed us to take advantage of the conditions."

Kalb did face a weather-related scare in early September (about two weeks ahead of harvest) when a rainstorm swept through his area, dumping eight inches of rain in less than two hours. "The headwaters of a nearby creek were running through the middle of our contest field," he says. "It didn't lay the corn flat. But when we walked the field after harvest, we did find ears on the ground here and there. We figure it probably cost us four or five bushels overall. It could have been worse."

A day ahead of his May 16 planting date, Kalb used a Soil Warrior strip-tillage machine to prep the seedbed. "With the large blades on it, we can go into the ground a little deeper and fracture any hardpan we might have. That helps with root growth," he says. "And it gave us a nice clean seed trench."

Kalb planted DEKALB DKC67-94RIB at a rate of 42,000 seeds/acre. "It was a new hybrid for us this year," he says. "It has a consistent ear size and good flex kernel depth. When you start pushing seeding rates, the plants are under stress because they're so close together. That can lead to stunted ears. This hybrid is able to handle that stress."

For disease management, Kalb made applications of Headline Amp fungicide at V10, pre-tassel and three weeks after brown silk. "Tar spot started showing up in some neighboring fields fairly early," he relates. "The early application helped us stave it off. The later applications helped us keep plants healthy through harvest, maximizing kernel weights. When you're going for high yields, you can't be thinking that the job is done when the corn tassels. You have to stick with it through the entire season and finish up strong."

Basics Add Bushels

- Prep the seedbed to help with root development.
- Select a hybrid that can handle stress associated with a high seeding rate.
- Apply fungicides to keep plants healthy and finish strong.

SUPERVISOR

Jeff Hodgson:

Vo Ag Instructor,

Belmont High School

Second Place

NIKIA B. KALB

Dubois, IN

365.4261 bu./acre **DEKALB DKC69-99RIB** Population: 41,500 Harvester: CaselH 8230

SUPERVISOR

Tom Krodel: Ag Loan Officer, Old National Bank Tim Robinette: Ag Loan Officer, Old National Bank

Nikia Kalb continues building on her impressive track record for producing high yields in the contest. She earned a third-place award in 2018, then came back to win second-place honors in 2020. This year, she's back again with a yield topping 365 bu./acre and another second-place award.

Getting her entry off to a good start was a major part of Kalb's high-yield strategy. Starting a few weeks before planting, she spent hours working with her step-dad, Kevin, to make sure the family's CaseIH 2150 planter was in tip-top condition once she hit the field. "We want everything working just right so that we get the consistent seed depth and uniform spacing that leads to a uniform stand," she says. "If you get things done things right on the front end of the season, you'll likely have a higher yield at the end of the season."

Kalb planted her contest field on May 19. "We're always eager to get going as soon as possible, but we don't push it," she says. "We want the soil temperature to be at least 55 degrees on average. If you plant before the soil warms up, you could have poor germination. This year, my contest entry was all out of the ground in five to six days. It was the quickest emergence we've ever had here."

Third Place

SCOTT BERGET

Gratiot, WI

322.0204 bu./acre **DEKALB DKC63-90RIB** Population: 37,000

Harvester: John Deere X9

This year would have marked Scott Berget's first appearance in the contest winner's circle. His yield of just under of 325 bu./acre qualifies for third-place honors in this class. Unfortunately, Berget passed away unexpectedly several months before final contest results were tabulated. He was 38 years old.

"He would have been very honored," says Matt Berget, Scott's brother and member of a family management team that also includes parents, Mike and Judy, and sister, Meghan Berget Saunders. "Growing corn was a passion for him. In the summer, when other guys were playing baseball or fishing, he would drive around to look at corn. To him, life was all about farming and family."

Berget entered the contest several times and won a state award in 2016. "He saw it as a great learning opportunity," says Matt. "He loved going to meetings and talking with other farmers about the things they were doing."

The Bergets take a fairly straight forward-approach to growing high yield corn. Emphasis points include matching up hybrids and soils, making timely nutrient applications, utilizing cover crops to protect soils and applying fungicides to keep plants healthy.

Growing season weather tilted to the dry side. "The contest field got about ten inches less rain than normal," says Matt. "But we always seemed to get a nice rain just when we needed it."



TOP THREE WINNERS BY CLASS







	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide n	Herbicide	Fungicide	N/P/K	Planter/ Harvester
F: 9	STRIF	P-TILL, N	IINIMU	M-TILL, I	MULCH	I-TILL, F	RIDGE-TIL	L NON	-IRRIG	ATED*
IOWA										
Jim Gregory Tabor, IA	320.7997	Pioneer P1563AM ^{TM*}	AM,LL,RR2	LumiGEN™ 2020 Premium	33000	-	Keystone Realm Q	Headline AMP	200/0/0	John Deere 1790 John Deere S770
Heath Johnson State Center, IA	316.5246	FS InVISION FS 6306T RIB	TRE RIB	-	34000	-	-	-	180/80/80	John Deere 1770 Drawn CCS MaxEmerge/New Holland CR9080 Twin Rotor
Rex Erickson Cumberland, IA	312.3670	DEKALB DKC65-95RIB	VT2PRIB	Acceleron	33650	-	-	-	160/50/50	Kinze 3600 Case IH 7120
ILLINOIS										
Dale Hadden Jacksonville, IL	314.4815	Pioneer P1359AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	35500	-	Abundit Edge Resicore	-	215/100/120	John Deere 1775 NT John Deere S780
Casey Watkins Woodstock, IL	308.9407	Pioneer P1185Q	Q,LL,RR2	LumiGEN™ 2020 Premium	35000	-	Callisto Roundup PowerMax TripleFLEX	-	240/80/150	John Deere 7200 MaxEmerge Vacuum/Claas Trion
Kevin or Sandra Keltner Pearl City, IL	299.2754	Pioneer P0924Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	34500	-	-	-	200/50/110	John Deere 1770 NT CCS John Deere S780
INDIANA										
Kevin Kalb Dubois, IN	409.1868	DEKALB DKC67-94RIB	TRERIB	Acceleron	41700	-	Degree Xtra, Laudis Roundup PowerMax	-	220/25/30	Case IH 2150 Early Riser Front Fold/Case IH Axial Flow 8230
Nikia Kalb Dubois, IN	365.4261	DEKALB DKC69-99RIB	TRERIB	-	41500	-	Degree Xtra, Laudis Roundup PowerMax	-	220/25/30	Case IH 2150 Early Riser Front Fold/Case IH Axial Flow 8230
Brian Warpup Warren, IN	319.3157	DEKALB DKC64-64RIB	SS	Acceleron	34000	-	Atrazine 4L Corvus, Roundup	-	220/0/0	John Deere 1775NT John Deere S770
MINNESOTA										
Jennifer Pospichal Lewiston, MN	298.3469	DEKALB DKC60-80RIB	VT2P	Acceleron+ Poncho 250	34500	-	Resicore Roundup	-	220/230/240	Case IH 1200 Pivot Case IH Axial Flow 9250
Gary Sobeck Winona, MN	296.0929	DEKALB DKC59-82RIB	VT2PRIB	Poncho 1250	34000	-	Cadence, Callisto Glyphosate, Stinger	-	200/48/120	Kinze 3600 Case IH Axial-Flow 5088
Pat Fohrman Saint Charles, MN	291.2872	DEKALB DKC59-81RIB	SSRIB	Poncho 500	35500	_	Durango DMA Resicore	-	220/140/200	John Deere 7200 MaxEmerge 2 Vacuum/Case IH 2588
MISSOURI										
Brad Schmidt Portage Des Sioux, MO	312.3494	DEKALB DKC70-27RIB	VT2PRIB	-	35000	-	-	-	250/100/300	John Deere 1770NT Case IH Axial Flow 8120
Kendall Littleton Keytesville, MO	260.9633	DEKALB DKC67-44RIB	VT2PRIB	Acceleron+ Poncho 250	33000	Tombstone Tombstone Helio	Bicep II Magnum s Explorer Roundup	Trivapro	250/60/60	Kinze 3600 John Deere S660
Galt Porter Mercer, MO	256.4515	Pioneer P1563AM TM *	AM,LL,RR2	Amplify D	33800	Lambda-Cy	Abundit Edge Atrazine, FulTime Realm Q	-	200/133/149	John Deere DB60 John Deere S670
OHIO Andrew Bond New Vienna, OH	309.3021	Pioneer P1506AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36500	Arctic	AAtrex 4L Instigate, Resicore	-	325/81/105	John Deere 1755 John Deere S670
Jim Dauch Bellevue, OH	306.3935	Pioneer P1197AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	34000	-	AMS, Atrazine 90 DF Durango DMA FulTime	-	275/200/250	Kinze 3600 Case IH 5088
Neal Bond New Vienna, OH	306.3240	Pioneer P1506AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	37500	Arctic	AAtrex 4L Instigate, Resicore	-	325/81/105	John Deere 1755 John Deere S670
WISCONSIN										
Scott Berget Gratiot, WI	322.0204	DEKALB DKC63-90RIB	SSRIB	Poncho 500	37000	-	-	-	200/80/80	John Deere 1775NT John Deere X9
Reginald Kamps Darlington, WI	304.8985	Pioneer P0421Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	35400	-	-	-	264/34/152	Kinze 3200 Case IH 2388
Wade Wendhausen Livingston, WI	300.3585	Pioneer P0924Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	36000	_	Resicore	-	250/46/90	John Deere 1775NT John Deere S680

*Corn Belt States: IL. IN. IA. MN. MO. OH. WI

NCGA / 2021 WINNERS CORN YIELD GUIDE



G: NO-TILL IRRIGATED CLASS







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 vield 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

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 lateseason 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.

ASSOCIATION

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 2015¹, corn farmers have:





IMPROVED IRRIGATION EFFICIENCIES, LEADING TO PER BUSHEL DECLINES IN IRRIGATION



AMOUNT OF LAND REQUIRED TO PRODUCE A BUSHEL OF CORN BY

58% 46% 41% 41% 31%



IMPROVED ENERGY USE EFFICIENCY PER BUSHEL BY



GREENHOUSE GAS (GHG) EMISSIONS PER BUSHEL BY

Second Place

CRAIG HULA

583.0674 bu./acre

Pioneer P1222YHR Population: 40,000

Harvester: John Deere S770

Charles City, VA Soil & Water Conservation Phil Hickman: Marketing

> Specialist, Virginia Department of Agriculture

SUPERVISOR

Tabea Zimmerman:

Conservation Tech. Colonial

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

Jake Schaben:

SUPERVISOR

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, asneeded 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 vield 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.

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:





FROSION BY



INCREASE IRRIGATION WATER USE FEFICIENCY BY





EMISSIONS BY

¹ 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











TOP THREE WINNERS BY CLASS

□ - BASI





	Yield	Hybrid	Traits	Seed	Harvest	Insecticide	Herbicide	Fungicide	N/P/K	Planter/
_		Brand/ No.	_	Treatment	Population	DICAT	- D	_		Harvester
				G: NO	-IILL IR	HIGAI	=0			
ALABAMA Stewart McGill Meridianville, AL	291.3243	DEKALB DKC67-94	VT2P	-	36000	-	-	-	305/150/200	John Deere DB60 John Deere s680
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
Jeff Tate Meridianville, AL	268.8694	AgriGold A644-32TRC	Trecepta	-	36000	-	-	-	305/150/200	John Deere DB60 John Deere S680
ARKANSAS										
Len Nall Lake City, AR	309.0656	Dyna-Gro D57CC51	CONV	Acceleron	36000	-	-	-	294/80/120	John Deere 1725 CCS Stack-Fold/John Deere S790
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
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
COLORADO Aaron Waitman Wray, CO	293.9852	Pioneer P1082AM TM	AM,LL,RR2	-	32250	-	-	-	0/0/0	John Deere 1770 NT CCS John Deere S670
DELAWARE										
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 Earl Riser/Case IH Axial Flow 723
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
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
FLORIDA										
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
Jason Mills Live Oak, GA	240.2461	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 1250	35220	-	Atrazine 4L Prowl H20 Roundup Pro	Headline AMP	240/0/350	John Deere 1700 MaxEmergePlu John Deere 9570
GEORGIA 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
IOWA	00=5555	D.	*****		00				0== (46 = 11 = 1	
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
Todd Folkerts Inwood, IA	303.7689	Pioneer P0953AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	35000	Bifenthrin 2EC Chlorpyrifos	,	Aproach Aproach Prima	250/0/0	John Deere 1770 NT CCS John Deere 9560 STS
Greg Lynott Hawarden, IA	301.3387	DEKALB DKC59-82RIB	VT2PRIB	Poncho 500	37000	-	Harness+Roundup	-	260/0/0	Kinze 3120 Case IH 1660
IDAHO Brad McIntyre Caldwell, ID	292.7582	Pioneer P9998	Conventional	LumiGEN™ 2020 Premium	38000	-	Glyphosate, Resolve (Sterling Blue) –	97/1/0	John Deere 1750 MaxEmerge Gleaner S67
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 S
ILLINOIS 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
Blake Luckett Ridgway, IL	290.6904	DEKALB DKC67-44RIB	VT2PRIB	Acceleron	35000	-	Resicore Verdict	-	310/146/219	John Deere 1770NT Case IH 2388

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
				G: NO	-TILL IF	RRIGAT	ED			
INDIANA 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
Dallas Cardinal Oaktown, IN	319.7704	AgriGold A647-90 VT2RIB	VT2RIB	Poncho 500	36000	-	-	-	280/200/250	John Deere 1775NT John Deere S780
Tim Wischmeier Crothersville, IN	318.8949	DEKALB DKC67-94RIB	TRE	Acceleron+ Poncho 250	36000	-	-	-	280/92/250	John Deere 1770NT John Deere S660
KANSAS										
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
David Olson Hiawatha, KS	270.0648	Pioneer P1572AM™	AM,LL,RR2	-	34000	-	-	-	0/0/0	Kinze 3500 Case IH 7088
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
KENTUCKY Drew Langley Glendale, KY	318.1660	DEKALB DKC65-99RIB	Trecepta Rib	-	32000	-	-	-	240/69/90	Kinze 3600 Case IH 2388
Meredith Halcomb Adairville, KY	315.3179	Pioneer P1442	CONV	PPST 250	36000	Lamcap	Abundit Edge Atrazine, Diablo Leadoff, Status	-	350/69/0	John Deere DB60 John Deere S780
Summer Langley Glendale, KY	310.9583	AgriGold A645-16 VT2PRO	VT2PR0	-	32000	-	-	-	240/69/90	Kinze 3600 Case IH 2388
MARYLAND										
Catherine Bostic Church Hill, MD	273.3241	AgriGold A645-16 VT2PRO	VT2PR0	_	36000	-	_	-	300/85/250	John Deere 1770 NT CCS John Deere S760
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
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
MICHIGAN 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
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
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
MINNESOTA										
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
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
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
MISSOURI										
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
Kaden Cooper Fairfax, M0	270.2239	Pioneer P1359AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	33500	-	-	-	220/100/100	John Deere 1790 CCS John Deere S780











TOP THREE WINNERS BY CLASS

- BASF





	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
				G: NO	TILL IR	RIGAT	ED			
MISSISSIPPI Christian Good	263.6211	DEKALB	VT2P	Poncho 250	32000	_	Atrazine, Capreno	_	265/0/120	John Deere 1720 MaxEmerge XI
Macon, MS	203.0211	DKC65-95	VIZE	FUNCTIO 250	32000	_	Roundup PowerMax	_	203/0/120	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 CAROL										
Kevin Matthews East Bend, NC	315.3918	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 250	39000	-	Atrazine 4L Clarity, Resolve Q Roundup PowerMax	Veltyma	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 DAKOT										
Bobby Frauenberg 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	0.40.0000	Diopos	AMI II DDO		25000	Dogiogo	Aguran	Mirovio	240/20/0	John Doors DD10
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 X 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	040 7440	Haft Oard	DOUTOD	A I	40000		•		050400400	leb - De 4705
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									- 40	
Victoria Carroll Hermiston, OR	233.0205	DEKALB DKC62-05	RR2	Acceleron	34000	_	Makaze Yield Pro Resolve Q	-	0/0/0	John Deere 1700 MaxEmerge X 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 X John Deere S780
PENNSYLVANIA Christopher Mast Morgantown, PA	266.9148	Pioneer P1077AM TM	AM,LL,RR2	Poncho 1250	35500	Capture LFR Lambda T	Balance Flexx Helmquat 3SL	-	298/24/200	John Deere 1750 MaxEmerge Plus Vacuum

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
				G: NO-	TILL IR	RIGATE	ĒD			
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 CAROL	INA									
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 A	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 XP 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 C	-	250/100/100	John Deere 1700 MaxEmerge XP John Deere 9660 STS



H: Strip-Till, Minimum-Till, Mulch-Till, Ridge-Till Irrigated Class







First Place



BEN KRON

Evansville, IN

390.7846 bu./acre LG Seeds LG66C44-VT2PRIB Population: 39,600

Harvester: New Holland CR7.90

SUPERVISORS

Janet Ault: County Executive Director, Farm Service Agency Stephanie Rexing: Agronomist Continuing what worked and tweaking what didn't, Ben Kron returned to the top of the class in 2021 after finishing first in 2020. He says a new hybrid with trusted genetics, an adjustment in planting population and close attention to nutrient needs were factors in his success.

"I chose LG66C44-VT2PRIB, a 116-day hybrid from LG Seeds and a product of parents we previously used. I am very familiar with the genetics. The hybrid developed a strong root system and was productive on both our light, sandy soil and our heavy, black soil," says Kron. "Based on experience, I was comfortable it would handle the variability."

Cold weather held off planting until May 15, about a month later than he intended. "Last year, I planted 39,000 seeds/acre about the same time and didn't quite make 400 bushels. I wanted to push this hybrid higher. I was pleased, although it wasn't quite 400," he says. "I don't think I can take the population any higher than 41,000. In fact, I may drop it back some in 2022 because I think less density among the plants would help manage heat in the field."

The southern Indiana growing season yielded timely rains and few too-hot days, which Kron says he was able to supplement with sprinkler irrigation. He ran the system less than the previous year but relied on it at night during a critical two-week dry period during grain fill to cool off the corn. Kron applied 0.5- to 0.6-inches of water two times per week.

Timely scouting also was an element of achievement for Kron. Waterhemp infestations from 2020 did not reappear and he stayed ahead of Gray Leaf Spot and Southern Rust relying on high disease scores from his hybrid and from a timely Veltyma fungicide application.

With the strip-till as his nutrient base, Kron's fertility program included 445 pounds nitrogen, 200 pounds phosphorus and 500 pounds potash along with 50 pounds sulfur and 10 pounds each of boron and zinc. His goal was to maintain a consistent level of nutrients to the plants as they needed them, which he was able to do with regular tissue sampling. Nutrients were applied through Y-Drops five times during the season, along with a starter fertilizer application.

"I try and stay on top of what the crop will need before it needs it, and this year was no different," Kron says. "I harvested November 17 and was happy with the results."

Basics Add Bushels

- Work with agronomists and other ag professionals that can guide management decisions.
- Continually scout your crops to gauge plant health and prevent loss of yield potential.
- Be proactive with choosing and applying fungicides before disease becomes a problem.

SUPERVISORS

Crop Consultant

Brennan Williams:

Ag Insurance Agent.

Ag Services Associates

Jake Dreiling: Independent

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

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.



TOP THREE WINNERS BY CLASS

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
	H: STI	RIP-TILL,	MININ	/IUM-TILL	_, MUL	CH-TILL	, RIDGE-1	TILL IRI	RIGATE	D
ARKANSAS Matt Miles McGehee, AR	317.8918	AgriGold A6659 VT2PRO	VT2PR0	Acceleron+ Poncho 250	33800	-	Atrazine 4L Halex GT	-	290/150/200	Monosem NG Plus 4 John Deere S780
Layne Miles McGehee, AR	301.7661	DEKALB DKC68-69 VT2PRI	VT2PRIB B	Cruiser 250	33850	-	Atrazine 4L Halex GT	-	290/150/200	Monosem NG Plus 4 John Deere S780
Paige Catt Corning, AR	290.6470	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	LumiGEN™ 2020 Premium	34000	-	Atrazine Bicep	_	350/150/250	John Deere 1720 MaxEmerge XI John Deere S690
CALIFORNIA Robert Sproat 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 Tom Rusier Avondale, CO	348.4575	DEKALB DKC63-91RIB	VT2PRIB	Acceleron+ Poncho 250	32500	Comite II	Atrazine, Explorer Roundup PowerMax WideMatch	<u>-</u>	250/60/0	Case IH 1235 Stackerbar Early Riser/Case IH 7230
Marty Buoy Holyoke, CO	338.5539	DEKALB DKC63-91RIB	VT2PRIB	Elite 500	32000	-	-	-	225/50/40	John Deere 1770 John Deere S780
Nathan Weathers Yuma, CO	303.6046	Channel 207-27VT2PRIB	VT2PRIB	-	33000	-	-	-	280/15/15	Case IH 1230 Claas Lexion 8600
DELAWARE										
C Wyatt 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 John Deere 9770 STS
Randall Willin 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	John Deere 1770NT Case IH 8250
Mark Collins 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										
Gary Cone Jennings, FL	278.5608	DEKALB DKC62-08	SS	Apron Max+ Poncho 250	35590	-	Atrazine 4L Outlook Roundup PowerMax	Headline AMP	275/50/350	Monosem Twin Row John Deere 9570 STS
Christopher Dietrich Graceville, FL	274.8351	DEKALB DKC62-08	SS	-	35000	Bifenthrin Counter 20 G	Atrazine+Roundup Impact	Aproach Prima	300/75/300	John Deere 1700 MaxEmerge X Case IH 2388
Gordon Dietrich 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	John Deere 1700 MaxEmerge X Case IH 2388
GEORGIA Jed Daniel Dawson, GA	280.2285	Dyna-Gro D58VC65	VT2P	-	31800	-	-	-	330/160/220	John Deere 1700 MaxEmerge Vacuum/John Deere 9670 STS
Caleb Traugh Blakely, GA	270.1417	Hefty Seed H6552	VT2P	Acceleron+ Poncho 250	33000	Bifenthrin	Atrazine Laudis, Roundup Warrant	Headline AMP Trivapro	330/110/230	Monosem NG Plus 3 Case IH 1640
Kevin Tabb Damascus, GA	240.9135	Dyna-Gro D58VC65	VT2P	-	30800	-	-	-	330/180/240	John Deere 1700 MaxEmerge X John Deere S670
IOWA Melissa Schleisman	300.9674	Pioneer	Q,LL,RR2	LumiGEN™	34000	_	Gly Star	_	245/60/60	John Deere 1775NT
Lake City, IA	000.0014	P1366Q™	W, LL, I II I L	2020 Premium	0.000		ai, otai		210/30/00	John Deere S780
Landon Schleisman Lytton, IA	291.4828	Pioneer P1185Q	Q,LL,RR2	LumiGEN™ 2020 Premium	34000	-	Gly Star	-	245/60/60	John Deere 1775NT John Deere S780
Matthew Schleismar Lake City, IA	286.8834	AgriGold A636-11 STXRIB	STXRIB	Poncho 250 +Trilex	34000	-	Gly Star	-	215/60/60	John Deere 1775NT John Deere S780









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	ASSOCIATION

TOP THREE WINNERS BY CLASS

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
	H: ST	RIP-TILL	, MINII	MUM-TILL	., MUL	CH-TILI	L, RIDGE-	TILL IR	RIGATE	D
IDAHO										
David Hults Gooding, ID	311.1248	DEKALB DKC49-72RIB	SSRIB	-	36500	-	-	-	250/40/40	John Deere 1720 MaxEmerge) John Deere S670
Jared Zito Glenns Ferry, ID	294.2997	Pioneer P9998AM™	AM,LL,RR2	Maxim	36000	-	Roundup+Status	-	250/175/125	John Deere 1730 Case IH 7720
Billy Wolfe 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) Case IH 7230
LLINOIS				12001100110						
Greg McClure Saint Francisville, IL	309.8683	AgriGold A645-16 VT2PRO	VT2PR0	Poncho 500	36000	-	-	-	0/0/0	Kinze 3650 Case IH 8240
David Luepkes 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
Cameron McClure Saint Francisville, IL	282.3447	AgriGold A645-16 VT2PRO	VT2PR0	Poncho 500	36000	-	-	-	0/0/0	Kinze 3650 Case IH 8240
NDIANA										
Ben Kron Evansville, IN	390.7846	LG Seeds LG66C44-VT2PRII	VT2PRIB	Poncho 1250 +V0TiV0	39600	-	Capreno	Veltyma	445/200/500	White 8824 New Holland CR7.90
Brandon Cardinal Oaktown, IN	323.8373	Pioneer P1847AML TM *	AML,LL,RR2	Poncho 500	36000	-	-	_	280/280/280	John Deere 1775NT John Deere S780
Jerry Cardinal Daktown, IN	313.5989	Pioneer P1903AM™	AM,LL,RR2	Poncho 500	36000	-	-	-	280/280/280	John Deere 1775NT John Deere S780
KANCAC										
KANSAS Ryan Jagels Garden City, KS	324.0219	Pioneer P1847AML TM	AML,LL,RR2	Poncho 1250	33000	-	-	-	300/0/0	John Deere 1720 Stack-Fold MaxEmerge Plus New Holland CR8090
Thad Arganbright 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
Kelby Ross Plains, KS	313.5947	AgVenture AV4313AM™	АМ	Poncho 250+Raxil	35000	-	Degree Xtra	-	300/50/0	John Deere 1710 Vacuum John Deere S770
KENTUCKY										
Brandon Hunt 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										
Wesley Moroni Winnsboro, LA	291.7578	Dyna-Gro D58VC65	VT2P	Cruiser 5FS, Avipel, Awaken ST	33000	_	-	-	250/6/80	John Deere 1720 MaxEmerge > John Deere S670
Nolan Clark 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 R John Deere S680
Erle Clark 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 R John Deere S680
MARYLAND										
Christopher Davis Galena, MD	302.7048	Pioneer P1506AM™	AM,LL,RR2	Poncho 250+Raxil	35500	-	-	-	300/0/0	Kinze 3660 Case IH 8230
Dlin Davis Galena, MD	289.5673	Pioneer P1464AML ^{TM*}	AML,LL,RR2	Poncho 250+Raxil	35500	-	-	-	300/0/0	Kinze 3660 Case IH 8230
Thomas Gannon Centreville, MD	266.0926	DEKALB DKC61-41RIB	VT2PRIB	Acceleron	33674	Warrior	AAtrex Acuron Flexi Roundup	Trivapro	0/0/0	Kinze 3600 New Holland TR98
MICHIGAN										
Jake Drozd Allegan, MI	337.9680	Pioneer P0953AM™	AM,LL,RR2	Detonate stc	40000	-	Callisto, Capreno Cinch ATZ, Makaze	Veltyma	0/0/0	John Deere 1775NT John Deere S680

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	e Herbicide	Fungicide	N/P/K	Planter/ Harvester
	H: ST	RIP-TILI	_, MINII	MUM-TILI	L, MUL	CH-TIL	L, RIDGE-	TILL IF	RRIGATI	E D
Scott Jirgens 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
Jim Schaendorf Dorr, MI	308.6635	Renk Seed RK842SSTX	Conv	-	40000	-	-	-	350/150/250	Kinze 3600 John Deere 9570 STS
MINNESOTA Deanna Sobeck 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
Joseph Hopkins Buffalo, MN	272.2451	Pioneer P0507Q™	Q,LL,RR2	PPST 250	36500	-	AAtrex 4L Durango, Resicore	-	265/85/200	White 9816 Case IH 8120
Devin Hopkins Buffalo, MN	272.0508	Pioneer P0688Q™	Q,LL,RR2	PPST 250	36500	-	DiFlexx, Durango Resicore	-	280/75/110	White 9816 Case IH 8120
MISSOURI Matthew Cox 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
Tory Meyr Jackson, M0	317.2244	DEKALB DKC62-89RIB	TRE	-	35000	_	SureStart	Preemptor	289/150/150	Case IH 1235 Stackerbar Early Riser/Case IH 7230
Chad Fullerton Dexter, MO	277.1067	AgriGold A6659 VT2PR0	VT2PR0	-	34000	-	-	-	250/46/90	John Deere 1725 CCS Stack-Fold/Case IH 9230
MISSISSIPPI Betsy Belk 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
Scott Hunter Glen Allan, MS	272.5959	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	-	35000	_	-	-	270/100/120	John Deere 1700 MaxEmerge XP John Deere S780
Carol Hunter Glen Allan, MS	271.0533	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	-	35000	=	-	-	270/100/120	John Deere 1700 MaxEmerge XP John Deere S780
MONTANA John Yerger Hardin, MT	228.8706	Pioneer P9489AM TM	AM,LL,RR2	-	40000	-	-	-	0/0/0	John Deere 7300 MaxEmerge 2 John Deere S670
Darren Miller Billings, MT	206.7349	DEKALB DKC45-65RIB	SSRIB	Acceleron	36000	-	Roundup PowerMax	-	250/70/50	John Deere 7300 MaxEmerge 2 John Deere 9650 STS
NORTH CAROL John Sykes 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
Henry Locklear 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
NORTH DAKOT		DEWALD	OODID		07000		A.v Du		000/00/40	L.L. D 4770 NT 000
John Hofer 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
James Frauenberg 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
Justin Quandt 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	0.47.0004	01:	VTOP		0.4500				050/00/10	John Dear, DD40
Creighton Peterson Smithfield, NE	347.9261	Channel 217-76VT2P	VT2P	-	34500	_	-	_	250/80/40	John Deere DR16 John Deere S680
Dalton Peterson Bertrand, NE	340.4535	Pioneer P1563AML TM	AML,LL,RR2	-	34000	Besiege	Acuron FulTime	Miravis	200/30/0	John Deere DR16 John Deere S680
Terry Hadwiger Riverdale, NE	338.5419	Pioneer P1563AML™	AML,LL,RR2	-	33000	_	-	-	240/45/0	John Deere 1770 Drawn CCS MaxEmerge/John Deere S780









	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
	H: ST	RIP-TILL	, MINI	MUM-TILL	., MUL	CH-TILI	_, RIDGE-	TILL IF	RRIGATE	D
NEW JERSEY										
Steph Santini Stewartsville, NJ	303.5010	Hefty Seed H6134	SMSTX	Acceleron	40000	-	Acuron	-	350/100/100	John Deere 1795 John Deere S760
NEW MEXICO	070 7040	D'	0.11.000	L'OFNTM 0000	20000				000/40/40	Lib. D 4770 NT 000
Jared Gordon 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										
Thomas Jeffres 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
ОНЮ										
Scott Haerr Springfield, OH	305.6771	Pioneer P0953AM™	AM,LL,RR2	-	35000	_	_	_	249/0/0	John Deere 1775NT John Deere S780
Catherine Kelbley Fostoria, OH	270.4869	AgriGold A645-16 VT2RIB	VT2RIB	-	37500	-	-	-	0/0/0	John Deere 1775NT John Deere S680
Evann Milless 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										
Richard Rathjen 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
Fred Fischer Hooker, OK	311.2572	DEKALB DKC70-27	VT2P	-	32500	-	-	-	200/55/0	Harvest International Other John Deere S770
Todd Mason Goodwell, OK	308.8480	Pioneer P1847AML ^{TM*}	AML,LL,RR2	-	31000	-	-	-	280/90/40	John Deere 1755 John Deere S780
OREGON										
Eti Ena Boardman, OR	298.9193	Pioneer P1185AM™	AM,LL,RR2	-	37000	-	_	_	381/43/326	John Deere 1720 Integral Stack-Fold/John Deere S780
Dean Harris Umatilla, OR	273.4488	Pioneer P0589	CONV	-	38000	-	Callisto+Roundup Makaze, Outlook	-	305/0/0	John Deere 1700 MaxEmergePlus Vacuum John Deere S760
Curt Sisson Nyssa, OR	270.2126	DEKALB DKC62-08RIB	SSRIB	-	38000	-	-	-	0/0/0	John Deere 1725 CCS Stack-Fold/Claas lexion
PENNSYLVANIA		D'	AAALL DDO	I'OENTM	00000		Do III 5 days		075 (05 (4 00	0 1.0450 5 1.0150
Clifford Charles Lancaster, PA	269.3294	Pioneer P1077AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	_	Brawl II, Explorer Gly Star Plus Halex GT	Miravis Priaxor	275/25/100	Case IH 2150 Early Riser Front Fold/Case IH 8010
Dawson Mast Morgantown, PA	254.0285	Pioneer P1197AM TM	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 CAROLI										
Russ Jameson 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 Case IH 7140
Tate Jameson 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 Case IH 7140
Daniel Garrick 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	4									
Brennen Bird Elk Point, SD	313.2930	DEKALB DKC59-82RIB	VT2PRIB	-	32000	_	-	_	0/0/0	John Deere 1770 John Deere S680
Tyler and Jerry Poeschi	296.8577	Channel 213-19VT2PRIB	VT2PRIB	Acceleron	34000	-	_	-	250/80/80	John Deere 1775NT John Deere S780











	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticid	le Herbicide	Fungicide	N/P/K	Planter/ Harvester
	H: ST	RIP-TILI	L, MINI	MUM-TILI	L, MUL	CH-TIL	L, RIDGE-	TILL II	RRIGAT	ED
John Yaggie 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 Hunter Hooper 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
Joseph Sumara Tiptonville, TN	265.6655	DEKALB DKC66-18	VT2P	green	28377	-	AAtrex 4L Acuron	-	0/0/0	Case IH 1230 John Deere S780
TEXAS										
Todd Reinart Amarillo, TX	318.5766	Pioneer P1828AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	36000	-	-	-	0/0/0	John Deere 1775NT John Deere S780
Jody Bezner 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
Brett Britten Groom, TX	287.8742	Pioneer P1828Q™	Q,LL,RR2	-	31000	-	-	-	240/89/0	John Deere 1770NT John Deere S680
UTAH Lee Summers Tremonton, UT	281.5284	DEKALB DKC49-72RIB	SSRIB	-	32000	-	-	-	300/50/0	John Deere 1700 MaxEmerge XF John Deere S680
Joseph Summers Tremonton, UT	274.8092	DEKALB DKC49-72RIB	SSRIB	-	31000	-	-	-	300/50/0	John Deere 1700 MaxEmerge XF John Deere S680
Ross Summers Tremonton, UT	258.3770	DEKALB DKC51-91RIB	SSRIB	-	32000	-	-	-	300/50/0	John Deere 1700 MaxEmerge XF John Deere S680
VIRGINIA										
John Mills 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
Michael Upton South Hill, VA	292.1191	DEKALB DKC70-27	VT2P	-	42000	-	-	-	305/200/45	John Deere 1775NT John Deere S670
Edwin Mills Hanover, VA	286.9597	Pioneer P1464VYHR	AVBL,YGCB, HX1,LL,RR2	-	31000	-	AAtrex, Keystone Realm Q, Roundup Max Sharpen	-	310/30/240	Kinze 3660 John Deere S770
VERMONT Caroline Pinto 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 Aaron Golladay Warden, WA	270.2400	DEKALB DKC54-40RIB	VT2PRIB	-	38000	-	Clarity Roundup PowerMax	-	275/0/0	John Deere 1720 MaxEmerge XF John Deere S680
WISCONSIN										
John Stasiak 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 Grant Smith Keyser, WV	309.2444	Pioneer P1197AM TM	AM,LL,RR2	LumiGEN™ 2020 Premium	37000	Ethos XB	SureStart	Xyway	250/20/200	John Deere 1770 Drawn CCS MaxEmerge/John Deere S670
Ann Widmyer 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										
Brad Hill Lingle, WY	318.4201	Pioneer P0339Q™	Q,LL,RR2	Lumivia	38000	-	Abundit Edge Dicamba, Resicore	-	340/120/100	White 5700 John Deere 9670 STS
Joe Speckner 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
Brett Meyer 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

Opt-in and make your voice heard.

TEXT GROW TO 50457





I: Conventional Irrigated Class

Don Stall is on a roll. He's now registered

a first place finish in this class four out of the

just under 466 bu./acre. Conditions were cool,

but dry, when Stall planted his contest entry

P0720AM, the same variety that produced a

on April 27. For a hybrid, he planted Pioneer's

contest winning yield of nearly 477 bu./acre in

2020. "It's been a very good performer for us,"

he notes. "It has the same female parent as the

contest wins a few years ago. This one has the

higher, Also, it's not quite as tall. We're planting

at 50,000 seeds/acre, so standability is always

For an early boost, Stall placed 30 gallons

per acre of a 10-34-0 starter fertilizer with zinc,

liquid humus and several other "secret sauce"

ingredients two inches below and two inches

to the side of the seed row. "We're pretty far

north and we're often planting into cool, wet

corn get out of the ground and off to the races. It also hastens maturity in the fall. We've found

that corn will always be a couple of points drier

The crop looked good coming out of the

ground 10 days after planting. But extremely

dry conditions were a concern. "It stayed dry

soils," Stall explains. "The starter helps the

at harvest when we use a starter."

P0574AM variety that gave us back-to-back

same kind of upright leaf, but there's a little

more flex to the ear and the kernel depth is

last five years. This year's yield came in at











DON STALL Charlotte, MI

465,7725 bu./acre Pioneer P0720AM

Population: 48,500 Harvester: CaseIH 8240

SUPERVISORS

Kelly Aiken: CRS, Greenstone FCS Stone Smith: Ag Loan Officer, Greenstone FCS

all the way into June," he says. "It was starting to feel like 1988.'

The weather then took a 180-degree turn later in June with nine inches of rain falling in a week's time. "After that we went another whole month without moisture," Stall says. "Then in early August, we started getting more rain than we really needed."

The weather flip-flops made scheduling irrigation difficult. "We had to pull flooded pumps off our sprinklers three different times," Stall says. "We also had a tough time determining whether the water we were getting in rainfall was going where we needed it or was iust running off."

The August wet spell also brought on a major outbreak of tar spot. As a counter measure, he flew on an application of Approach Prima fungicide at half-brown silk. "The fungicide didn't really stop the tar spot," says Stall. "It still spread. But it did protect the ear leaf a little longer. It definitely made us some bushels we might not have had."

Basics Add Bushels

- Plant a proven hybrid.
- Use a starter for an early boost.
- Utilize a fungicide to extend plant life.

Second Place

TREVOR GARDNER

Honeyville, UT

343,1362 bu./acre **DEKALB DKC62-05** Population: 38,500

Harvester: Case IH 7120

SUPERVISOR Mike Pace:

County Director, Utah

State Extension

a consideration."

James Hall:

County Executive Director, Farm Service Agency

A "perfect storm" and a gamble on the right corn hybrid paid off for Trevor Gardner. A long, extra hot growing season allowed the 112-day hybrid to go full season for the dairy producer who feeds the corn. Farmers in the area generally plant 98- to 112-day hybrids.

Gardner notes the corn was planted on May 1 at 38,500 seeds/acre in a field that was previously planted to wheat. He farms in a conventional tillage system.

"We got the corn in and had great emergence. It got hot at the right time before it could affect yield potential," says Gardner. "We were able to take full advantage of growing degree units."

While the farm's irrigation water allotment was reduced due to drought, he took water from other crops to keep the right amount of water going to the corn crop via in-furrow irrigation.

Because the farm historically has manure spread on it, Gardner says all the micronutrients required for corn were present in the soil. No manure was applied to the field this year, and he was able to apply all 300 pounds of nitrogen before planting - half as urea and half as a slow-release fertilizer ESN. About 120 pounds phosphorus and 80 pounds sulfur were also spring applied. Rarely does he need to add any potassium to the mix.

"We really didn't do anything unusual. We had a long season and we hit a home run," he says. "We had a late freeze that didn't come until after we harvested the corn in late October."

Third Place

ASHTON PETERSON

Bertrand, NE

338.2306 bu./acre Pioneer P1847AM XT

Population: 34,000

Harvester: John Deere S680

SUPERVISOR

Jake Dreiling: Independent Crop Consultant

Brennan Williams:

Ag Insurance Agent, Ag Services Associates

It's a repeat for Ashton Peterson. He entered the contest winner's circle for the first time last year, earning third-place honors with a yield of 324 bu./acre. This year, he captures another third-place award with a 338-bushel yield. "We've had a good couple of years,"

With the exception of a major windstorm right around pollination, growing conditions were favorable from start to finish during the season. "We were fortunate with the storm," says Peterson. "We had some plants that leaned over, but they came back pretty quickly. In some fields near here, there was a fair amount of green snap."

Moisture was on the short side all season long. "It seemed like we were right on the edge of every rain that went through," says Peterson, noting that he applied 12 inches of water onto the contest entry through his center pivot irrigation system. "That's about normal for us. For the most part, conditions were just about ideal."

Along with his two awards in the national contest, Peterson has also won several state awards in recent years. He says participating in the contest appeals to his competitive nature. "I like seeing how I'm doing compared to some of the best corn growers in the state and country," he says. "It motivates me to look for ways to get better at what I do."



TOP THREE WINNERS BY CLASS







	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
			l:	CONVE	ANOIT	L IRRIC	GATED			
ALABAMA Chad Henderson Madison, AL	324.1170	AgriGold A644-32TRC	Trecepta	Acceleron+ Poncho 250	34200	-	-	-	285/0/44	John Deere 1775 NT John Deere S680
ARKANSAS Gregg Garner Lake City, AR	304.0934	Dyna-Gro D57CC51	CONV	Acceleron	35000	-	-	-	294/80/81	John Deere 1725 CCS Stack-Fold/John Deere S79
Bradley Wallace Monette, AR	277.7435	Dyna-Gro D57CC51	CONV	-	34000	-	-	-	240/0/0	John Deere 1720 John Deere S790
Clay Smith Paragould, AR	271.9372	DEKALB DKC70-27RIB	VT2PRIB	Acceleron	34000	-	Atrazine, Halex GT Roundup PowerMax	Trivapro	500/200/200	John Deere 1720 CCS Stack-Fold/John Deere S67
COLORADO Bryan Crites Avondale, CO	321.9832	DEKALB DKC63-90RIB	SSRIB	Acceleron	32700	Comite II	Dicamba Roundup PowerMax	-	250/80/0	Monosem NG Plus 4 Case IH 2388
Joe Newton Eckley, CO	315.3571	Pioneer P1366AML TM	AML,LL,RR2	LumiGEN™ 2020 Premium	32500	-	-	-	0/0/0	Case IH 1230 Stackerbar Early Riser/Case IH 8250
Jerold Hasart Stratton, CO	302.5312	DEKALB DKC63-90RIB	SSRIB	Acceleron	31800	-	Atrazine 4L, Callisto Roundup PowerMax Tough	-	278/20/0	John Deere 1770 Conserva Gleaner S78
DELAWARE Dale Ockels Milton, DE	315.8317	DEKALB DKC63-91RIB	VT2PRIB	Acceleron	39000	Ethos XB	Bicep II Princep 4L	-	200/0/0	Case IH 1255 Front-Fold E
Clarence Dempsey Dover, DE	313.7120	Hubner Seeds H4744RC2P	VT2PRIB	-	35000	-	-	-	0/0/0	John Deere 1770NT John Deere S680
Michael Wicks Middletown, DE	308.5504	DEKALB DKC64-65RIB	VT2P	Acceleron+ Poncho 250	36500	-	-	-	280/20/100	Case IH 2130 John Deere 9560 STS
FLORIDA										
Ethan Cone Jennings, FL	286.3013	DEKALB DKC62-08	SS	Acceleron+ Poncho 250	35450	Bifenture	Atrazine 4L Outlook Roundup PowerMax	Headline AMP	285/90/400	Monosem Twin Row John Deere 9570 STS
GEORGIA										
Jonathan Hitchcock Tennille, GA	323.1831	DEKALB DKC62-06	CONV	Acceleron+ Poncho 250	35188	Besiege	Atrazine 90 DF Laudis	Trivapro	300/100/250	John Deere 1725 Integral Stack-Fold/John Deere S78
John Williams Colquitt, GA	277.9129	Dyna-Gro D58VC65	VT2P	-	31800	-	-	-	330/160/220	John Deere 1700 MaxEme Vacuum/Massey Ferguson
Jerry Heard Newton, GA	270.0069	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	Bifenthrin 2EC Lorsban 4E	Atrazine 4L Laudis Roundup PowerMax	Trivapro	325/120/220	John Deere 1725 Integral Stack-Fold/John Deere S77
IOWA										
Brandy Winter Lake City, IA	294.5072	Channel 216-36STXRIB	SSRIB	Poncho 1250 +VOTiVO	34000	-	Gly Star	-	245/60/60	John Deere 1775NT John Deere S780
Mark Schleisman Lake City, IA	293.2703	AgriGold A6572 STXRIB	STXRIB	Poncho 250 +Trilex	34000	-	Gly Star	-	245/60/60	John Deere 1775NT John Deere S780
Kent Beebe Missouri Valley, IA	280.0928	Wyffels Hybrids W8646RIB	VT2P	Acceleron+ Poncho 250	34000	-	-	-	220/0/0	Kinze 3600 Case IH 7230

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TOP THREE WINNERS BY CLASS

□-BASF





	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	e Herbicide	Fungicide	N/P/K	Planter/ Harvester
				: CONVEN	NTIONA	L IRRI	GATED			
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 Tamms, 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 Tamms, 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	VT2PR0	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	Veltyma	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	Veltyma	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 TM	AM,LL,RR2	-	34000	-	-	-	0/0/0	John Deere DB90 John Deere S770
Alex NoII 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 ^{TM*}	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 John Deere S790
Brady Moroni Winnsboro, LA	279.0397	Pioneer P2042VYHR	AVBL,YGCB, HX1,LL	-	34500	-	-	-	0/0/0	John Deere 1700 MaxEmerge John Deere S790

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	e Herbicide	Fungicide	N/P/K	Planter/ Harvester
			l:	CONVE	NTIONA	AL IRR	IGATED			
MASSACHUSE William Llewelyn Northfield, MA	215.8916	Pioneer P9608AM TM	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 Veltyma	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	Veltyma	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 ^{TM*}	AML,LL,RR2	Pioneer premium ackagelpconazole, Ethaboxom, L	27000	-	AMS, Armezon Pro Atrazine 4L Buccaneer Plus Crop Oil	Priaxor Veltyma	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 Stackerbar 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











TOP THREE WINNERS BY CLASS

□-BASI





ASSOCIATION								vve cr	eate chemistry	JOHN DEERE PIUNEEK.
	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
			l:	CONVEN	ANOIT	L IRRIG	GATED			
MONTANA										
Bart Icopini 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
Brent Icopini 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
Dale Hirsch Kinsey, MT	213.6690	Pioneer P9489Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	33000	-	Glyphosate	-	250/100/100	John Deere 1700 MaxEmerge John Deere 7720
NORTH CAROL	.INA									
Chase & Allan Harris Snow Hill, NC	278.0756	DEKALB DKC68-69	VT2P	-	38000	-	-	-	0/0/0	John Deere 1725 Integral Stack-Fold/John Deere 9870 S
NORTH DAKOT	Ά									
Chad Vander Vorst Pollock, SD	283.8644	Pioneer P9492AM TM *	AM,LL,RR2	Poncho 250 +Raxil	35200	-	Harness Xtra	-	260/75/80	Case IH 1265 Front-Fold Case IH 8240
Cody Frauenberg 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
Nathan Quandt Oakes, ND	259.9764	DEKALB DKC48-95RIB	VT2P	Poncho 1250	34500	-	Atrazine 4F, Laudis Roundup PowerMax	-	300/100/100	White 9824 Claas Lexion 8600
NEBRASKA										
Ashton Peterson Bertrand, NE	338.2306	Pioneer P1847AMXT™	AMXT,LL,RR2	-	34000	Besiege	Acuron FulTime	Miravis	240/30/0	John Deere DR16 John Deere S680
Miles Peterson Bertrand, NE	336.7490	Pioneer P0924Q™	Q,LL,RR2	-	33000	Hero	Acuron Explorer, FulTime	Miravis	196/31/0	John Deere 1720 John Deere S680
Brent Safranek Merna, NE	328.2196	Pioneer P1185AM™	AM,LL,RR2	LumiGEN™ 2020 Premium	33500	-	Acuron	-	300/20/0	John Deere 1775NT John Deere S780
NEW JERSEY										
Garrett Woolf Monroe Township, NJ	282.3267	Dyna-Gro D58VC65	VT2P	Acceleron+ Poncho 250	31000	-	Corvus	-	268/0/200	Kinze 3600 Case IH Axial Flow 2388
Michelle Doyle 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
NEW MEXICO										
Angilene Jim Farmington, NM	263.8398	Channel 203-01STXRIB	SSRIB	Acceleron	36000	-	-	-	195/50/40	John Deere 1710 Vertical-Fo John Deere S780
NEVADA										
Nathan Wadsworth Fallon, NV	151.5464	Pioneer P0507AM™	AM,LL,RR2	_	38000	-	Gly-4 Plus	-	0/0/0	John Deere 7300 MaxEmerg John Deere 9600
NEW YORK										
Logan Beck 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
Anthony Dellarocco 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	CONVE	NTIONA	AL IRRI	GATED			
Paul Campbell Nichols, NY	217.0192	DEKALB DKC51-25RIB	VT2RIB	Acceleron	37000	-	Atrazine 4L Roundup Max Yukon	Veltyma	102/40/60	John Deere 1750 MaxEmerge Plus/John Deere 6620
ОНЮ										
Curtis Mohler OH	291.0103	Pioneer P1380Q™	Q,LL,RR2	_	34000	-	AAtrex+Harness Resicore	Veltyma	300/78/180	John Deere 1760 Drawn Sidney, Wing-Fold Flex/Claas Lexion 730
Curt Potter Sherwood, OH	287.2670	Pioneer P1197AM™	AM,LL,RR2	-	38000	-	-	-	280/150/350	John Deere 1770 NT CCS John Deere 9770 STS
Nick Kelbley Fostoria, OH	276.5535	AgriGold A645-16 VT2RIB	VT2RIB	-	37500	-	-	-	0/0/0	John Deere 1775NT John Deere S680
OKLAHOMA										
Austin Sage Texline, TX	311.5208	Pioneer P1108Q TM	Q,LL,RR2	LumiGEN™ 2020 High Rate; Poncho 1250+Votivo	33500	-	-	_	300/50/20	John Deere 1770 NT CCS John Deere S670
Roger Fischer Hooker, OK	296.5091	Pioneer P1828Q™	Q,LL,RR2	-	29000	-	-	-	275/54/2	John Deere 1770NT CCS ProXP John Deere S670
OREGON										
Vern Frederickson Boardman, OR	281.5359	Pioneer P0589	CONV	-	40000	-	Armezon Cadet, Outlook	=	304/51/0	John Deere 7340 John Deere S780
PENNSYLVANIA	4									
Doug Scipioni Newmanstown, PA	297.5943	Pioneer P1506AM™	AM,LL,RR2	-	35000	-	-	-	300/0/80	John Deere 1750 MaxEmerge Plus Vacuum/Gleaner R52
Eric Meyers 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
Ernest Mast 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
SOUTH CAROL	INA									
William Jameson Elloree, 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
Daniel Garrick 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
Ray Jameson 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
SOUTH DAKOT	A									
Bob Creasey 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
Kory Standy Platte, SD	312.3255	DEKALB DKC59-82RIB	VT2PRIB	-	37000	-	Harness Xtra	Veltyma	240/65/20	John Deere 1775 NT Case IH 6130
Adam Wiese Flandreau, SD	292.9014	DEKALB DKC59-82RIB	VT2PRIB	Acceleron	36500	-	Callisto Roundup PowerMax TripleFLEX	Trivapro	170/100/100	John Deere DB60 John Deere S780



















	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
			l:	CONVE	NTIONA	L IRRIC	GATED			
TENNESSEE										
Erin Reed Elora, TN	295.0992	DEKALB DKC67-44	VT2P	-	36000	-	-	-	200/0/0	John Deere 1775NT John Deere S660
Fred Nichols Lakeland, TN	287.8650	AgriGold A6659 VT2PRO	VT2PR0	-	46000	-	Acuron	-	370/60/60	Case IH 2130 Gleaner F3
TEXAS										
Tommy & Valerie Cartr Sunray, TX	ite 331.9006	Pioneer P2042AML TM	AML,LL,RR2	-	42000	=	-	-	0/0/0	John Deere 1700 MaxEmergePlus Vacuum Case IH 8250
UTAH										
Trevor Gardner Honeyville, UT	343.1362	DEKALB DKC62-05	RR2	-	32000	-	-	-	300/120/0	John Deere 1720 MaxEmerge 2 Case IH 7120
KC Gardner Honeyville, UT	317.9307	DEKALB DKC62-05	RR2	=	32000	-	-	-	200/150/60	John Deere 1720 MaxEmerge 2 Case IH 7120
Braydan Nelson Tremonton, UT	313.7190	Pioneer P1055Q TM *	Q,LL,RR2	-	36000	Zeal	Generic Roundup Resolve Q	-	310/100/0	Case IH 1255 Front-Fold Early Riser/Case IH 7240
VIRGINIA										
Robert Newcomb Hanover, VA	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
Patrick Newcomb Hanover, VA	311.3273	Pioneer P1464VYHR*	AVBL,YGCB HX1,LL,RR2	Poncho 1250 +V0TiV0	32400	-	Bicep II Princep	-	300/30/300	John Deere 1770 Conservation Case IH 8240
JR Newcomb Hanover, VA	307.2337	Pioneer P1903YHR	YGCB,HX1, LL,RR2	Poncho 1250 +V0TiV0	33900	-	Bicep II Magnum Princep	-	300/30/300	Kinze 3600 Case IH 8240
VERMONT										
Mary E Llewelyn Northfield, VT	214.8776	Channel 203-01STXRIB	SSRIB	Acceleron+ Poncho 250	38000	-	Lumax EZ	-	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum/John Deere 9500
WASHINGTON										
Scott Gross Warden, WA	320.4744	DEKALB DKC54-38RIB	SSRIB	-	36500	-	Atrazine+Roundup	-	280/70/50	John Deere 1720 CCS Stack-Fold/John Deere S780
Boe Clausen Warden, WA	317.2899	DEKALB DKC54-74RIB	VT2PRIB	-	38000	-	Clarity Roundup PowerMax	-	275/0/0	John Deere 1720 MaxEmerge) John Deere S680
WISCONSIN										
Jeff Laskowski Plover, WI	290.6533	DEKALB DKC62-20RIB	VT2PRIB	-	38000	-	Cinch ATZ Lite	-	275/50/120	John Deere 1770NT John Deere 9560 STS
Trip Downing Whitewater, WI	284.1909	Pioneer P0924Q™	Q,LL,RR2	LumiGEN™ 2020 Premium	36000	-	Glyphosate	-	300/92/120	John Deere 1770NT John Deere S790
Barb Laskowski Plover, WI	276.3010	Pioneer P9998Q™	Q,LL,RR2	-	38000	-	Cinch ATZ Lite	-	275/50/120	John Deere 1770NT John Deere 9560 STS
WWOFFIE										
WYOMING Bryan Greenwald Vacuum Lingle, WY	275.9818	Pioneer P0339Q™	Q,LL,RR2	Lumivia	34500	-	Abundit Edge Dicamba, Resicore	-	250/80/0	John Deere 1700 MaxEmerge Case IH 1660
Robert Cook Lingle, WY	260.4798	Pioneer P9551Q™	Q,LL,RR2	_	35000	-	Roundup PowerMax Verdict	(-	0/0/0	Case IH 1235 Stackerbar Early Riser/Case IH 8010
Chris Cook Lingle, WY	240.3181	Pioneer P9608AM™	AM,LL,RR2	-	34000	-	Roundup PowerMax Verdict	-	0/0/0	Case IH 1235 Stackerbar Early Riser/Case IH 8010

2021 ENTRIES BY STATE

Affiliated States	
Alabama	50
Arkansas	63
Colorado	83
Georgia	95
Illinois*	953
Indiana*	330
lowa*	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

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%
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Total Entrants

..... 7,213

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

Average Yield Avg. Plant Pop. Avg. Harvest Pop.	All Entrants 269.4164 34,751 33,984	National Winners 376.7593 38,111 37,533
Row Spacing <30" 30" 36" 38" 40"	% of Entrants 10.58% 85.81% 2.00% 1.60% .001%	% of Entrants 0% 100% 0% 0% 0%
	All Entrants	National Winners
Average Fertilizer Use	Entrants	winners
Nitrogen (lbs) Phosphorus (lbs) Potash (lbs) Trace Elements (%) Manure (%)	210.5950 62.4024 89.5297 41.00% 18.35%	276.1851 82.5925 134.074 40.00% 45.00%
Timing of Nitrogen Ford	ilinas Annliantian	
Timing of Nitrogen Fert Fall (%) Spring Pre-Plant (%) At Planting (%) Side Dress (%)	15.60% 44.44% 52.64% 58.21%	1.00% 48.00% 40.00% 45.00%
Starter (%) Surface Applied (%) Incorporated (%) Irrigation (%) Nitrogen/bu. (lbs)	66.61% 58.21% 66.52% 17.04% 0.89	59.00% 81.00% 63.00% 18.00% 0.88
Soil Test (%)	65.00%	60.00%
Previous Crop Corn (%) Soybeans (%) Wheat (%) Alfalfa/Hay (%) Other (%)	24.00% 64.00% 4.00% 0.50% 7.50%	23.00% 67.00% 7.00% 3.00% 0.00%
2021 ENTRIES R	V CI ASS*	

2021 ENTRIES BY CLASS*

	# of	Winning
E	ntries	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	d1,182	390.7846
I: Conventional Irrigated	807	465.7725
Total	7,213	
* Corn Belt States IL IN IA MN MO OH W	/1	



COMMIT

TO CONTINUOUS IMPROVEMENT IN ENVIRONMENTAL AND ECONOMIC SUSTAINABILITY.

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