



NATIONAL CORN YIELD CONTEST

2018 Winners Guide



BEST IN THE FIELD



NATIONAL
CORN GROWERS
ASSOCIATION

A Message From the President

2018 brought many challenges for America's corn farmers, from weather-related issues to persistently low prices. Despite the many difficulties confronting them, the men and women who grow U.S. corn to supply the world's growing demand for food, feed and fiber persevered to grow an abundance.

America's farmers demonstrated their incredible ability to adopt new technologies and refine farming practices to make resources stretch further, make crops grow more sustainably and adapt to a rapidly changing world. We work tirelessly to maintain the traditions we cherish while creating a better, brighter future for the next generation.



Lynn Chrisp, President
National Corn Growers Association

Leaping beyond what was believed possible, our nation's farmers remain on-track to hit another record high in 2018, with national average yields topping its highest mark at 178.9 bushels per acre. In doing so, they have shown an ability to excel in difficult circumstances unforeseeable just a few years ago.

The National Corn Growers Association's National Corn Yield Contest met many new leaders in their field in 2018 with 417 new winners. This fresh crop of

corn all-stars achieved an average of 348.8129 bushels per acre across the 18 winners of the six production categories.

These winners showed how farmers from across the country, new and old, can adapt, achieve and inspire through their excellence. Their achievements serve as a tribute not only to America's corn farmers but also to the industry that supports them.

I thank every entrant, personally and on behalf of the entire association, for undertaking this challenge and making valuable contributions to the data set which will drive our industry forward. National Corn Yield Contest (NCYC) entrants, whether they set a national record or strive to beat

their personal best, make a concrete contribution to the collective body of agronomic research. The combined efforts of these men and women, and the information they share, enables farmers across the country to feed and fuel the world in an increasingly sustainable way, preserving both the nation's natural resources, and the farm families who rely upon them, for the many generations yet to come.



The Chemical Company



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As they have for decades, seed companies remained steady in their unwavering support for the National Corn Yield Contest in 2018. The generous, steadfast support shoots forth from the fertile soil of their understanding that the contest will nurture their own growth, offering an exceptional and valuable showcase for their many new seed offerings. Their generous support nurtures a spirited competition that thrives while maintaining the highest standards of integrity.

For this, I thank our 2018 sponsors: BASF Corporation, John Deere and Pioneer. Through their generosity, this guide, as well as the events and online media recognizing contest winners, are possible. Through this support, they show a true, solid commitment to continually improving agriculture and creating a prosperous, productive future for our nation's farmers.

The volunteer contest supervisors and the seed companies who make this contest possible also deserve our gratitude. The contest is a major undertaking, which would not be possible without their support and service.

NCYC volunteer supervisors freely give their personal time and energy to ensure the contest maintains its tradition of integrity. These crop advisors, extension personnel, government employees and financial professionals contribute an important service to our industry whether they take part in one yield check or more than a dozen.

NCGA leadership, members and staff offer up a healthy round of applause for all of our 2018 contest winners. In this guide, explore their stories and the insight they provide into the innovative practices being cultivated today to grow a brighter future for corn farmers tomorrow.

The uniquely American character that farmers embody, their independence, determination and pioneering spirit, drives them to excellence. Bound together by deep respect and shared pride in an industry that is more a way of life than simply a living, America's farmers embrace competition while placing the highest value on the advances it makes possible for the farmers across the country who, while they may never meet, they treat as family.

Grassroots at the core of its mission, a compelling desire to support and grow opportunities for America's corn farmers permeates every aspect of NCGA's work. As America's farmers face challenges, NCGA stands with them, resolute in its commitment to build a better future for U.S. corn farmers, humbled by the importance of this undertaking and ever-aware that every member's contribution lends strength which will not fail. ●

ON THE COVER "Harvest Glow"

2017 Fields of Corn Grand Prize
Photo by Lance Otto,
Redwood Falls, Minnesota



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Emptying The Bin

NCGA takes action to build profitable demand for a growing supply of corn.

North Dakota farmer Kevin Skunes is confident developing new and expanded uses for corn will help shrink the nation's corn supply.

If there's one thing U.S. farmers can hang their hats on, it's the ability to produce corn. Billions of bushels of corn. But as supplies grow with successive favorable growing seasons, the National Corn Growers Association (NCGA) is implementing strategies to move those bushels into more customer hands.

"We work well at producing corn. Now we need to work well at finding homes for it," confirms Kevin Skunes, NCGA chairman and farmer from Arthur, North Dakota. "The main goal for our strategic plan is profitable demand for a growing pile of corn."

Adds Jim Bauman, NCGA Vice President of Market Development, "U.S. corn is a consistent, reliable, economically competitive, sustainably produced feedstock. Moving forward, U.S.

corn is positioned to support demand growth simultaneously on multiple fronts."

NCGA has developed goals to drive growth within three key areas:

- 1) Increase ethanol use by four billion gallons
- 2) Develop three new uses of corn using 75 million incremental bushels

- 3) Grow animal agriculture product exports by 40 percent.

Skunes says all three areas are capable of using "substantial amounts of corn" on their own. Animal agriculture continues to be the top market for corn used as feed, ethanol has become an established market with growth potential, and new value-added corn products are in the research and development pipeline. Together, he says, the demand picture is bright.

"We are always looking for the next great use to help offset our ability to produce. We know we haven't seen our full potential on the production side," says Skunes. "The good news is corn can be used in so many ways. NCGA is working hard every day to create more profitable demand."



Kevin Skunes



NCGA continues to support multiple efforts that drive the installation of pumps capable of delivering higher blends.

Fueling Ethanol Opportunities

High petroleum prices and multiple ethanol uses contribute to the potential for ethanol's continued growth.

"Our ethanol work has come a long way in the last decade. We are now part of the liquid fuel conversation and not just as an additive," says Mark Palmer, NCGA Director of Renewable Fuels. "We are engaged in agriculture, auto and ethanol alliances and are bringing partners together. We are working with new groups like the Fuels Institute to help expand markets."

In October 2018, President Donald Trump set the necessary regulatory steps in motion to allow for year-round sales of E15, a move NCGA has long championed. The association also has supported, through Growth Energy's Prime the Pump program, putting more pumps in stations capable of delivering higher ethanol blends. Palmer says promoting a higher gasoline grade at a lower price is critical to introducing higher blends.

"We need to upgrade the nation's fuel infrastructure so new pumps can hold a 25 percent blend of ethanol," he explains. "We need to get it in place before we can offer higher blends."

Palmer refers to the Renewable Fuel Standard (RFS) as the "bread and butter" for ethanol demand because it forces compliance

with the standard in the wake of petroleum industry opposition.

"Higher blends are key," he continues. "We are involved with engine and octane testing for E25 and E30. We are putting resources into research and infrastructure to get dispenser certifications."

Jeff Sandborn, a farmer and former Corn Board liaison to the NCGA Ethanol Action Team from Portland, Michigan, adds that EPA's small refinery waivers also have limited ethanol use. "That cuts 1.5 to 2.5 billion gallons of ethanol or up to one billion bushels of corn from the market. Ethanol is the cheapest source of octane available, so we must continue pressure for its acceptance and use."

NCGA uses meta-analyses from USDA and other research resources to provide the information needed to combat ethanol detractors and to enter new markets, like California and the Pacific Northwest. On the trade front, Palmer says China is critical for ethanol export growth.

On a smaller scale, NCGA ethanol promotion efforts include sponsorships for CrappieMasters and Bass Pro events to show anglers and boaters the performance of

E10 blends. NCGA also works with small original engine manufacturers (OEMs) for lawn mowers and motorcycles.

"The ethanol industry is reaching new potential users," says Sandborn. "The Renewable Fuels Association (RFA) worked with American Chopper, who built a motorcycle to run on E85, and found the fuel burns cooler. We were able to gain a new ethanol proponent."

Value-Added Corn Challenge

On the industrial front, NCGA successfully identified several potential new value-added corn uses through its Consider Corn Challenge program. Last year, the association received 33 submissions from eight countries for bio-based industrial products that use corn as the feedstock.

"We targeted bio-based chemicals or molecules as we believe corn and corn-based products provide a sustainable alternative with the ►

Jeff Sandborn and other NCGA farmer leaders have adopted a plan to harvest higher demand for U.S. corn.



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ability to compete on performance and price with petroleum products. Growing consumer demand for bio-products combined with advances in technology has made it an exciting time for this industry,” says Bauman.

NCGA officials met with several of the winning startups using corn-based feedstock.

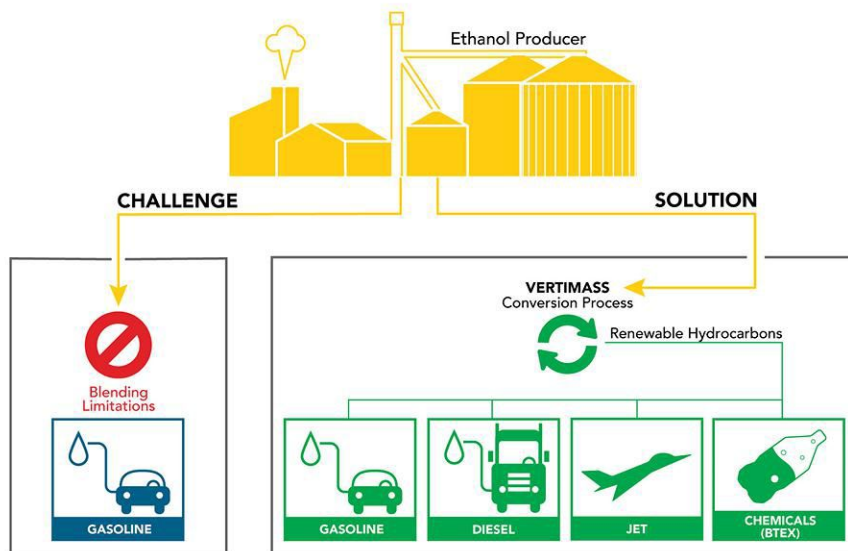
“In supporting these startups, NCGA can help link them with venture capitalists so they can hit commercialization scale,” says Nathan Danielson with BioCognito, who consults with NCGA. “As demand grows for corn-based sugars, we could see traction to build manufacturing in the Midwest. These potentially could be large-volume uses, which, like ethanol, will add good-paying jobs in the Midwest. However, it is the long game approach.”

One of the challenge winners was Lygos, Inc., based in Berkeley, California. The company uses biology to create materials that generally are complex, extremely expensive or hazardous to make from petrochemicals. Their first compound, malonic acid, will compete as a high-performance, environmentally friendly solvent in large chemical markets.

CEO and Founder Eric Steen says malonic acid in its current formulation is made only in China. Environmental regulations prevent its production in Europe and the U.S.

“Lygos’ Bio-Malonic is broadly useful today in fragrances, pharmaceuticals and food flavors,” says Steen. “We’re excited about bio-malonic’s ability to impact large, rapidly growing markets like automotive coatings. If malonic acid from corn were used in the coatings market alone, it would require millions of bushels of corn.”

Lygos is developing a platform of bio-organic acid products where



Vertimass’ technology can be turned on and off to produce ethanol or other fuels, depending on which fuels the market currently demands.

corn-based sugars could be used, including one to sequester nutrients to increase corn yields.

Corn Challenge winner Vertimass LLC, based in Irvine, California, produces aromatic chemicals using corn ethanol to replace petrochemicals. Vertimass officials believe their technology converting sustainable ethanol into fungible gasoline, diesel, jet fuel blend stocks and chemical building blocks benzene, toluene and xylene can substantially increase corn use.

“Our technology allows for further expansion of renewable fuels and chemicals use while maintaining a low greenhouse gas footprint,” says John Hannon, chief operating officer and process engineer. “We essentially can convert ethanol into gas, diesel and jet fuel, add more jobs and provide a new use for corn.”

Hannon notes since the U.S. gasoline market is 135 billion gallons annually and ethanol is 15 billion gallons, there is tremendous potential. “This technology offers a way to increase corn demand and corn prices, and we hope corn growers can help us push this technology along,” he says. “We are working with TechnipFMC to scale up the technology.”

Vertimass has provided a “bolt-on” technology to seven ethanol producers to test the process. Plants will be able to turn the technology on and off to produce ethanol or other fuels, depending on what the market demands. Vertimass will expand efforts as the technology catches on.

Cornstarch is the ingredient being tested by Annikki LLC in Chicago, Illinois, another challenge winner. Their technology produces FDCA (furandicarboxylic acid), which is a replacement for petroleum-derived terephthalic acid used to manufacture plastic bottles and fibers. FDCA is a popular product because it allows for plastic soda bottles to be lighter, uses less energy in manufacturing and extends shelf life for carbonated products.

“FDCA has superior performance properties. One step in the Annikki process is to manufacture the pure fructose for FDCA production, which is very expensive,” says CEO John Bump. “Cornstarch is a plentiful source for fructose. We have developed a new process completely different, far cheaper and achieves the very high purity needed in chemical manufacturing.”

Bump says the market potential for FDCA is large, in the millions of tons per year range and tens of billions of dollars. “FDCA was listed by the U.S. Department of Energy as one of the top 12 chemicals made from biomass. The potential FDCA market in the U.S. is 15 million tons of production.

This would use the starch from nearly one billion bushels of corn, he says. “NCGA has been valuable in helping us make industry contacts and publicizing our company and its technology. We expect to start using cornstarch in 2021 to manufacture FDCA.”

Livestock Export Growth

The third pillar of NCGA’s demand strategy is to help grow meat and poultry exports by 40 percent. Using 2015 as a baseline, that represents about 330 million bushels in incremental corn demand and 1.15 billion total bushels used for U.S. meat and poultry exports.

“Animal agriculture remains the largest, single use of corn,” says Sarah McKay, NCGA Director of Market Development. “We are working to strengthen our relationships with animal ag groups, as well as collaborating on efforts to improve corn’s nutrient composition, to meet our goal.”

NCGA representatives this past summer participated in the World Meat Congress for the first time. Attendance allowed them to meet with buyers from foreign countries and talk about the nutritional value of corn, the quality of corn-fed beef and pork, and the safety of U.S. meat.

“We are working with such groups as the National Pork Board (NPB), National Cattlemen’s Beef Association (NCBA), U.S. Meat Export Federation (USMEF) and U.S.A. Poultry and Egg Export Council (USAPEEC),” says McKay. “We see animal agriculture, and especially exports, as areas where we can build consensus to benefit all of us.”

Similarly, NCGA talked with buyers at a USAPEEC international marketing conference in spring 2018

and met with packers and processors at a North American Meat Institute summit.

In addition to conference participation, NCGA partnered with USAPEEC on a value of exports study and will partner with USAPEEC, National Turkey Federation and Ohio Corn and Wheat Growers to fund an infectious bursal disease study to demonstrate U.S. turkey is free from disease and eligible for export to countries like Australia. NCGA has helped advance pig welfare and dairy and beef sustainability through sponsorships of a new pig welfare symposium and participation with the Dairy Sustainability Alliance and U.S. Roundtable for Sustainable Beef.



Most recently, NCGA partnered with NCBA in sponsorship of the Cattlemen’s Education Series which offers grants to state beef associations for programs like using corn byproducts in feed rations. Several state corn associations also help fund research and overseas promotions.

NCGA is involved with the pet and aquaculture industries to further expand corn use as feed. For example, NCGA is exploring research opportunities for fish feed and trials for using corn ingredients such as dried distillers grains.

“Our grower leaders recognize it is crucial for our animal ag partners and corn consumers to be sustainable both environmentally and economically. Corn can help them achieve productivity goals,” says NCGA’s McKay. “We help leverage their dollars to achieve positive export growth results.” ●

Corn used in feed rations still represents the largest, single use of the commodity.



First Place



HEATH CUTRELL
Chesapeake, VA

360.8030 bu./acre
DEKALB DKC65-20
Population: 38,000
Harvester: Case IH 8230

SUPERVISORS

Cory Hoar: Conservation Specialist,
Virginia-Dare Soil & Water Conservation
Watson Lawrence: Extension Agent,
Virginia State University Cooperative
Extension

Heath Cutrell returns to the national contest winner's circle this year with a class-topping yield of nearly 361 bu./acre. Two years ago, his yield of just over 347 bu./acre also led to a first-place award in this class.

Getting his contest entry into the ground "just so" was an emphasis point for Cutrell. To ensure a smooth, even seedbed, he made multiple trips over the ground with a variety of equipment including a zone builder/ripper, a Case IH True Tandem and a field cultivator pulling a culti-packer behind it. "By the time we were done, the ground was about as chewed up as it could be," he says. "It was just as flat as a piece of paper."

At planting, Cutrell focused on proper seed placement and spacing. "We bought a new planter (Case IH 2140) this year," he explains. "One of the features we really like is the new seed tubes that allow us to place the seed more precisely rather than just dropping it on the ground. We didn't see much at all in the way of skips or doubles."

He also applied three gallons of a starter fertilizer package in the furrow. "It helps the plant get off to a good start," he says.

Cutrell planted DEKALB DKC65-20 at 38,000 seeds/acre. "The test weight on this number is phenomenal, and we really like the fact that it

has a lower ear placement on the stalk. That's important in our area of the country where we can get hurricanes and high winds coming through."

When the corn was knee high, he sprayed an application of one quart Atrazine and one quart Roundup. He coupled that application with an insecticide treatment for stink bugs.

With the corn at V7, he used a ground rig to top-dress with nitrogen and several other nutrients. "We used to hold off on the top-dressing until just before tassel," he says. "But we think going on earlier gives the plant a little more time to utilize the nutrients we're putting out there. I'm always looking for ways to tweak those nutrient applications, both the amounts and the time, to see where I can get a boost."

At pre-tassel, Cutrell flew on a combination of the fungicide, [Headline Amp](#) at label rates, a micronutrient package and an insecticide. "We've been using fungicide for as long as we've been growing corn," he says. "If you want that plant to live up to its potential, you have to keep it healthy."

Yield Builders

- Give corn an early boost with starter fertilizer.
- Focus on timely nutrient applications.
- Utilize fungicides to keep plants healthy longer.

Second Place

GEORGE CUTRELL
Chesapeake, VA
324.8530 bu./acre
DEKALB DKC67-44
Population: 40,000
Harvester: Case IH 8230

George Cutrell was "more than a little happy" when he learned his yield of 325 bu./acre had earned second-place honors in this class. But he can't help but wonder what might have been with more cooperative weather later in the season.

With the exception of a two-week dry period in mid- to late-July, the weather was favorable for much of the growing season, relates Cutrell. Things took a turn for the worse, though, in early October with the arrival of Hurricane Michael. "Initially, it looked like it was going to dead-head right for us," he recalls. "It veered to the south, but we still got enough wind from it to break down the corn a bit. We had to slow down with the combine, put the header on the ground and creep along. It cost us some bushels."

On the value of taking part in the yield contest, Cutrell points to a variety of benefits. "It keeps you focused on trying to get better," he says. "I like seeing how far I can go in pushing the different products I'm using. It's also a great way to meet a lot of other farmers and learn about the different things they're trying on their farms. It's a great group of people and a really fun contest."

SUPERVISORS

Cory Hoar: Conservation Specialist, Virginia-Dare Soil & Water Conservation

Jake Browder: Extension Agent, Virginia State University Cooperative Extension

Third Place

JASON GREENWELL
Waverly, KY
319.6887 bu./acre
Channel 218-44VT2PRIB
Population: 38,000
Harvester: John Deere S680

Twists and turns in the weather throughout the growing season had Jason Greenwell wondering at times about the yield prospects for his contest entry. In the end, though, the crop pulled through. His yield of nearly 320 bu./acre earned third-place honors in this class.

Greenwell planted his crop into wet and cool conditions on April 25. "Right after planting, things changed pretty quickly," he relates. "It warmed up, and we were having daytime highs in the 80s just like that. It stayed wet until the last week of June."

The weather took a turn in July and August. "We went through a mini-drought," says Greenwell. "We'd get a tenth- or two-tenths inches of rain here and there, but it was real spotty. We were a little concerned during grain fill."

Looking back, he says using a highboy sprayer to make over-the-top, full-rate applications of [Headline Amp](#) fungicide at three critical times—V5, V10 and R1—spelled the difference between success and disappointment. "Most years, we'll just do two applications (V5 and R1)," he explains. "But this year, we had really high disease pressure because of all the warm and wet conditions early on. That extra application helped us protect the plants and kept them healthy."

SUPERVISORS

Mike Obert: Market President, Old National Bank

Dana Onan: Retired Ag Teacher, Union County High School

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED										
ALABAMA										
Elvie Hunter Hazel Green, AL	298.0814	AgriGold A6499 STX	STX	Acceleron+ Poncho 250	37300	—	Halex GT	—	237/46/135	Kinze 3600 Case IH Axial-Flow 8120
Janson Patterson Meridianville, AL	292.9095	AgriGold A6544 VT2PRO	VT2PRO	—	32000	—	—	—	384/86/0	John Deere 1790 Case IH 7010
Mike Henderson Madison, AL	282.3843	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	26600	—	—	—	147/0/22	John Deere 1790 John Deere S690
ARKANSAS										
Lily Williamson Eads, TN	241.2042	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	32000	—	Atrazine Halex GT	—	220/60/80	Kinze 3600 John Deere 9760
Michelle Williamson Eads, TN	238.4670	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	32500	—	Atrazine Halex GT	—	220/60/80	Kinze 3600 John Deere 9760
Scott Williamson Eads, TN	237.4257	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	32500	—	Atrazine Halex GT	—	220/60/80	Kinze 3600 John Deere 9760
CALIFORNIA										
Aaron Beaver Isleton, CA	261.9419	Pioneer P1197AM™	AM,LL,RR2	—	32000	Onager	Roundup PowerMax	—	300/50/150	White 8700 John Deere 9500
COLORADO										
Harry Brinkema Holyoke, CO	131.6461	Pioneer 35F37	RR2	Acceleron+ Poncho 250	15500	—	Abundit Extra FulTime	—	80/25/25	John Deere 1710 Vacuum John Deere S680
CONNECTICUT										
Harris Cohen Ellington, CT	252.0673	DEKALB DKC64-34RIB	SSRIB	Acceleron	32000	— —	Bicep II Magnum Roundup WeatherMax	Fortix Manticor	250/60/150	John Deere 1750 Gleaner L3
DELAWARE										
Jonathan Snow Smyrna, DE	259.8486	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	35000	Bifenthrin 2EC	Atrazine Roundup Zidua	Headline AMP	245/80/80	John Deere 1770NT John Deere S670
Russell Hudson Frankford, DE	200.5340	DEKALB DKC67-44RIB	VT2PRIB	—	35500	—	Harness Xtra Roundup	—	250/0/150	John Deere 1790 CCS John Deere 9770 STS
Bill Alfree Middletown, DE	197.8017	DEKALB DKC62-53RIB	VT2PRIB	Acceleron+ Poncho 250	32600	—	—	—	85/20/10	Kinze 3660 John Deere 9650
FLORIDA										
Ann McLeod Ochlocknee, GA	221.9484	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Apron+Poncho +Trilex	26165	—	Atrazine 4L Generic Roundup	—	200/120/235	Monosem NG Plus John Deere 9870 STS
Jack Flowers Live Oak, FL	208.7282	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Poncho 250	27645	—	Atrazine 4L Generic Roundup	—	175/90/180	John Deere 1700 MaxEmergePlus Vacuum John Deere 9870 STS
Greg Brown Lee, FL	194.4313	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Poncho 250+Raxil	28120	—	Atrazine 4L Generic Roundup	—	170/50/170	John Deere 1700 MaxEmergePlus John Deere 9870 STS
GEORGIA										
Wallace Anderson Ellijay, GA	293.2897	Pioneer P1870AM™	AM,LL,RR2	—	34000	—	AAtrex 4L Atrazine+Glyphosate	—	93/27/43	John Deere 7000 Conservation John Deere 4420
Jerry Smith Dawsonville, GA	253.1697	DEKALB DKC62-08	SS	FALH3V	32000	—	Atrazine Glyphosate	—	275/67/86	John Deere 7000 Conservation John Deere 6620
Lucas McElvy Whigham, GA	197.6016	Pioneer P1916YHR	YGCB,HX1, LL,RR2	—	26000	Bifenthrin	Atrazine Dual II Magnum	Quilt	140/90/111	John Deere 1700 John Deere 9750 STS
KANSAS										
Hugh Kinsey Troy, KS	284.2713	Pioneer P1197AMT™	AMT,LL,RR2	Poncho 1250	33000	—	2,4-D LV6, AAtrex 4L Durango+Glyphosate Lexar	—	225/100/100	John Deere 1795 John Deere S670

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED - CONTINUED										
Alex Noll Winchester, KS	284.2518	DEKALB DKC66-74RIB	SSRIB	—	32000	—	—	—	230/60/60	Kinze 3600 Case IH 8230
Corey Franken Troy, KS	282.9980	Pioneer P1197AMT™	AMT,LL,RR2	Poncho 1250	33000	—	2,4-D LV6, AAtrex 4L Durango+Glyphosate Lexar	—	225/100/100	John Deere 1795 John Deere S670
KENTUCKY										
Jason Greenwell Waverly, KY	319.6887	Channel 218-44VT2PRIB	VT2P-RIB	Acceleron	38000	Hero	Atrazine 90 DF Roundup PowerMax Warrant	Avaris Priaxor	280/100/100	John Deere 1770 NT CCS John Deere S680
Scott Zoglmann Owensboro, KY	294.6410	DEKALB DKC70-27RIB	VT2PRIB	—	34000	—	Halex GT	—	236/92/120	Case IH 2150 Early Riser Front Fold John Deere 680
Tom Goetz Owensboro, KY	292.8543	DEKALB DKC67-44RIB	VT2PRIB	—	34500	—	Acuron	—	204/0/0	John Deere 1770NT Case IH 7230
LOUISIANA										
Wil Miller Ferriday, LA	249.7411	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Cruiser	34000	—	2,4-D+Roundup AAtrex, Roundup	—	250/0/0	John Deere 1720 John Deere S690
Donald Schexnayder Port Allen, LA	242.1032	Dyna-Gro D58VC65	VT2P	—	34000	Sniper	2,4-D Salvo Atrazine 90 WDG Me-Too Lachlor Touchdown Total	—	220/35/35	John Deere 1700 MaxEmerge XP John Deere S680
John Leckie Vidalia, LA	232.3342	Pioneer P1870VYHR	YGCB,HX1, LL,RR2	Cruiser	29000	—	2,4-D+Round up AAtrex, Roundup	—	228/51/35	John Deere 1720 Case IH 8240
MASSACHUSETTS										
Brian Llewelyn Northfield, MA	303.2396	Pioneer P9840AMXT™	AMXT,LL,RR2	Poncho 1250 +VOTIVO	50000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
Matt Parsons Hadley, MA	290.2102	Pioneer P0414AMT™	AM,LL,RR2	PPST 250	31000	Sniper	Atrazine 90 DF Harness	—	250/0/150	Kinze 2500 John Deere 9500
MARYLAND										
Brenda Walsh Hampstead, MD	272.8577	AgriGold A6544 STXRIB	STXRIB	—	36000	—	—	—	220/92/120	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9660
Edward Appenzeller Millington, MD	235.5863	DEKALB DKC67-44RIB	VT2PRIB	Acceleron+ Poncho 250	37000	Sniper	Atrazine 4L Zidua	Headline AMP	300/70/150	Kinze 3660 Case IH 7230
MAINE										
Ryan Crane Exeter, ME	278.1142	Channel 185-15VT2PRIB	VT2P-RIB	Acceleron	33000	—	—	—	210/40/100	John Deere 1775NT John Deere S660
Tyler Bartlett New Gloucester, ME	216.4666	Channel 189-03VT2PRIB	VT2P-RIB	—	34000	—	—	—	0/0/0	White 6100 John Deere 9510
James Hilton Norridgewock, ME	212.2693	DEKALB DKC41-99RIB	VT2PRIB	—	30500	—	Capreno Trizmet II	—	210/160/170	Great Plains YP-625A Claas Lexion 450
MICHIGAN										
Randy Eschenburg Almont, MI	294.5830	DEKALB DKC44-15RIB	VT2PRIB	A500	32000	—	Atrazine 90, Capreno Roundup PowerMax	—	180/0/0	John Deere 7000 Case IH 7230
Douglas Stall Charlotte, MI	274.4315	Pioneer P0506AMT™	AM,LL,RR2	PPST 250	34500	—	AAtrex 4L, Realm Q Makaze Yield Pro	—	227/50/30	Case IH 1250 Front-Fold Early Riser Case IH 8010
Eric Jager Shelbyville, MI	272.8082	Golden Harvest G07F23-3111	3111	Avicta	35400	—	Acuron	—	300/50/150	Kinze 3600 Gleaner A76
MISSISSIPPI										
Daniel Brooks Coldwater, MS	270.3190	DEKALB DKC67-44	VT2P	Poncho 250	36000	—	—	—	218/37/135	Great Plains YP-625A John Deere S670

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Pioneer Field Agronomist

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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED - CONTINUED										
Kenny Hurt Coldwater, MS	253.8390	AgriGold A6499 STX	STX	Poncho 500	38000	—	—	—	248/35/150	Monosem Twin Row John Deere S670
Sarah Nipper Chatham, MS	238.4932	DEKALB DKC68-26	VT2P	—	36000	—	—	—	250/150/150	John Deere 1720 John Deere S680
NORTH CAROLINA										
Heath Cutrell Chesapeake, VA	360.8030	DEKALB DKC65-20	DG-VT2P	Poncho 1250	38000	—	AAtrex Roundup	—	115/60/40	Case IH 2140 Early Riser Case IH 8230
Keith Wood Andrews, NC	267.1332	DEKALB DKC66-97	VT2P	Poncho 1250	30500	Sniper	Atrazine 4L, Dicamba Bicep II Magnum Buccaneer Plus, Peak	Priaxor	233/13/70	John Deere 1780 Drawn Rigid Gleaner R52
Mitch Britt Fairmont, NC	256.7230	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Poncho 1250 +VOTIVO	29000	—	—	—	200/90/120	John Deere 1720 MaxEmerge XP John Deere 9870 STS
NORTH DAKOTA										
Steve Huber Berlin, ND	299.7842	DEKALB DKC44-15RIB	VT2PRIB	—	34000	—	Armezon Pro, Atrazine Roundup PowerMax	—	140/85/25	John Deere 1770NT John Deere S680
Betty Huber Berlin, ND	298.5539	DEKALB DKC44-15RIB	VT2PRIB	—	32000	—	Armezon Pro, Atrazine Roundup PowerMax	—	120/80/25	John Deere 1770NT John Deere S680
John Hofer Milnor, ND	289.4955	DEKALB DKC49-72RIB	SSRIB	—	31000	—	Armezon Pro Atrazine 90 DF	—	180/62/60	John Deere 1790 CCS John Deere S670
NEBRASKA										
Dave Schmit David City, NE	286.1805	Pioneer P1828AM™	AM,LL,RR2	—	28000	Aztec 4.67G	Acuron, Halex GT Atrazine 4L	Trivapro —	200/0/0	Case IH 1250 Front-Fold Early Riser New Holland CR9060 Twin Rotor
Bradley Zierott Murdock, NE	280.8758	Wyffels Hybrids W7888RIB	SS	Poncho 1250	34650	—	Halex GT	Fortix	266/86/15	Case IH 1255 Case IH Axial-Flow 7088
Paul Tighe Homer, NE	276.6178	DEKALB DKC70-27RIB	VT2PRIB	Acceleron+ Poncho 250	36000	—	Armezon, SureStart Durango DMA	Priaxor	230/80/80	Kinze 2600 Case IH 6130
NEW HAMPSHIRE										
William Llewelyn Northfield, MA	213.2948	Channel 199-29STXRIB	SS-RIB	Poncho 1250 +VOTIVO	40000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
NEW JERSEY										
Sam Santini Stewartsville, NJ	281.8136	Hubner Seeds H6755RCSS	SSRIB	—	40000	—	Acuron	—	300/100/100	John Deere 1790 CCS John Deere S660
Scott Clucas Califon, NJ	259.1212	DEKALB DKC62-52RIB	SSRIB	Acceleron	36000	—	—	—	0/0/0	Kinze 3600 Case IH 6130
Thomas Meyer Pittstown, NJ	242.6208	Hubner Seeds H4663RC2P	VT2PRIB	Acceleron	38000	—	Anthem ATZ Roundup Max	—	175/65/120	John Deere 1775NT John Deere S660
NEW YORK										
Henry Everman Dansville, NY	273.0603	DEKALB DKC63-60RIB	SSRIB	—	44000	—	—	—	200/90/60	John Deere 1760NT MaxEmerge XP John Deere 9770 STS
Jason Swede Pavilion, NY	260.7338	DEKALB DKC57-75RIB	SSRIB	Acceleron	35000	—	Roundup PowerMax Yukon	—	257/72/189	John Deere 1770NT John Deere 9670
Katharine Senft Pavilion, NY	260.4932	DEKALB DKC52-84RIB	SSRIB	Acceleron	35000	—	Roundup PowerMax Yukon	—	257/72/189	John Deere 1770NT John Deere 9670
OKLAHOMA										
Lauren Foutch Okmulgee, OK	237.3828	DEKALB DKC70-27RIB	VT2PRIB	Amplify D +Gaucho	31500	—	Atrazine, Glyphosate Bicep II Magnum	Approach	260/50/50	John Deere 1770NT John Deere S670
Michael Killmer Weleetka, OK	192.7826	Pioneer P2089YHR	AVBL,YGCB, HX1,LL,RR2	Amplify D	23000	—	Atrazine Metalachlor	—	188/11/29	John Deere 1760 MaxEmerge Plus Vacuum Case IH 2388

A close-up photograph of a young green plant with several leaves, some of which have small dew drops on them. The plant is growing out of dark, rich soil. The background is blurred, showing more of the soil and some distant foliage.

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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED - CONTINUED										
OREGON										
Wes VanDyke Cornelius, OR	79.7283	Pioneer P7227R	RR2	Poncho 250 +Raxil	24000	—	Cornerstone Plus	—	120/70/100	John Deere 7000 Case IH 2188
PENNSYLVANIA										
Danielle Powell Greenville, PA	269.3224	Pioneer P0339AM™	AM,LL,RR2	—	36000	—	—	—	220/50/175	John Deere 1770NT John Deere S680
Gavin Mast Morgantown, PA	263.9703	Pioneer P1442AM™	AM,LL,RR2	Poncho 250	33400	Capture LFR	Balance Flexx Brawl II ATZ, Spirit Buccaneer Plus, Status	Trivapro	285/0/0	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9750 STS
Linda Krall Lebanon, PA	254.4918	Pioneer P0843AM™	AM,LL,RR2	—	32500	—	Atrazine, Resolve Q Gly Star Plus	—	154/12/4	Kinze 3500 Gleaner R65
SOUTH CAROLINA										
Tyler Seagroves Marion, SC	241.7954	Croplan Seed 5678VT2PRIB	VT2PRIB	—	32000	—	Atrazine, Realm Q Charger Max, Roundup	Headline AMP Priaxor	250/55/100	John Deere 7100 Case IH 2388
SOUTH DAKOTA										
Scott McKee Hawarden, IA	299.3337	Pioneer P1151AMX™	AMX,LL,RR2	Poncho 1250 conklin amplify fortied D 2–10–0	35400	—	Callisto+Aatrex Roundup WeatherMax	—	325/90/80	Case IH 955 Early Riser Case IH 1660
Travis Mockler Centerville, SD	292.5008	Pioneer P1366AM™	AM,LL,RR2	PPST 250	30000	—	Callisto Roundup PowerMax TripleFLEX	Quilt Xcel	200/50/50	John Deere 1760 Case IH 1666
Dean Bosse Elk Point, SD	291.0797	Pioneer P1197AM™	AM,LL,RR2	Cruiser 250 +Dynasty	34500	—	2,4–D+Atrazine	—	190/70/30	Case IH 1250 Front–Fold John Deere 9760 STS
TENNESSEE										
James Davis Sparta, TN	288.4959	AgriGold A6499 STX	STX	—	45000	—	—	—	260/92/120	Kinze 3660 Case IH 8230
Matthew Davis Sparta, TN	276.6790	AgriGold A6572 VT2PRO	VT2PRO	500 Votivo	45000	—	—	—	260/92/120	Kinze 3660 Case IH 8230
Jeremy Barnes Union City, TN	270.3325	DEKALB DKC64–35	VT2P	—	35000	Ruckus	Atrazine 4L, Warrant Roundup PowerMax	Trivapro	340/200/200	John Deere DB60 Case IH 8230
TEXAS										
Chad Wetzel Tom Bean, TX	150.8026	Axis 65H25	VT2P	Accelaron +Poncho 250	24000	—	—	—	160/45/25	John Deere 1770 Drawn CCS MaxEmerge John Deere 9870 STS
Justin Hansen Lorena, TX	116.8378	Dyna–Gro D57VP51	VT3P	Poncho 250	28000	—	Atrazine 4L, Halex GT Roundup PowerMax	—	150/50/0	John Deere 1770NT John Deere S670
UTAH										
Cody Pali Bryham City, UT	136.6233	DEKALB DKC54–38RIB	SSRIB	Poncho 500	26000	—	Roundup PowerMax	—	200/50/0	Case IH 1200 Case IH 9230
VIRGINIA										
George Cutrell Chesapeake, VA	324.8530	DEKALB DKC67–44	VT2P	Poncho 1250	40000	—	Atrazine Roundup	—	115/60/40	Case IH 2140 Early Riser Case IH 8230
VERMONT										
Theodore Grembowicz North Clarendon, VT	203.9278	DEKALB DKC45–66RIB	VT2PRIB	Accelaron	30000	Capture LFR	AAtrex 4L Acuron	—	160/30/80	John Deere 1750 MaxEmerge Plus Case IH 2388
WEST VIRGINIA										
Lynn Widmyer Charles Town, WV	229.0435	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	32000	—	Acuron, Princep, Silkin Roundup PowerMax	—	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660
Chris Mittenberger Keyser, WV	222.4340	DEKALB DKC70–27RIB	VT2PRIB	Accelaron + Poncho250	34000	Capture LFR Lambda–Cy	Dicamba DMA Gly Plus, Resolve Q	—	125/2/2	John Deere 1770NT John Deere S660

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First Place



KEVIN KALB

Dubois, IN

388.0654 bu./acre

DEKALB DKC67-44RIB

Population: 38,000

Harvester: Case IH 8230

SUPERVISORS

Thomas J. Krodol: Ag Loan Officer,
Old National Bank

Tim Robinette: Ag Loan Officer,
Old National Bank

Kevin Kalb continues rolling along. His first-place finish, with a yield of just over 388 bu./acre, marks the third straight year he's topped all comers in this class.

Weather posed a few challenges for Kalb, especially on the front end of the season. "It was just plain weird" he says. "I can't think of any other word to describe it." Wet and cool conditions kept him out of his contest field until April 30. "I usually like to get in there somewhere around April 10," he says. "But we want the soil temperature to be at least 55 degrees and it took us a while to get there. It's one envelope we just won't push."

After the corn came out of the ground (six days post-planting), the weather turned dry and warm. For the entire month of May, only three-tenths inches of rain fell.

Things stayed that way until mid-June when a major storm swept through the area. "It wasn't the kind of mega-flood we saw last year (when a mid-April storm dumped ten inches of rain on his contest fields in an eight-hour period), but the ground was 100% saturated," he points out.

With the warm and humid conditions, the corn grew quickly. "By the time we saw the first tassels we were 300 GDUs (Growing Degree Units) ahead of normal," he says. "We were concerned the corn was growing too fast and that we weren't keeping up with plant nutrient requirements."

Kalb began taking weekly tissue samples at 300 GDUs. At V6, he used the Y-drops on his Hagie highboy sprayer to apply 30 gallons of 32 percent nitrogen, along with five gallons of KTS, four gallons of ATS, two gallons of zinc and one gallon of boron. At V10, he made another application with 25 gallons of 32 percent nitrogen, five gallons of ATS and a "small" micronutrient package.

For disease control, he made multiple applications of fungicide—the first at V10, a second at brown silk and a third three weeks after brown silk. "We used to go on earlier, around V5, and then do another application at tassel," he explains. "But we think we get more complete coverage on the ear leaf by starting later."

"Also, with the later applications, we're keeping plants alive and healthy as long as we possibly can," Kalb continues. "That adds test weight. A lot of corn growers think their job is done once the corn gets through tasseling. But that's a mistake. If you want high yields, you have to stay with it and finish up strong."

Yield Builders

- Use tissue sampling to determine nutrient needs.
- Limit disease outbreaks with fungicides.
- Finish strong.

Second Place

JERRY REINHART

Sadorus, IL

345.6367 bu./acre

DEKALB DKC64-34RIB

Population: 34,500

Harvester: John Deere S680

SUPERVISORS

Dan Schaefer: Illinois
Council of Best Management
Practices

Michael Beaird: Ag
Insurance Agent, Beaird
Insurance

When Jerry Reinhart saw the final yield tally for his contest entry, he almost didn't believe his eyes. "While we were scouting the fields later in the season, I was pretty sure it would be above average," says Reinhart, who makes his first appearance in the national contest winner's circle this year. "But I had absolutely no idea it would be that good."

He gives Mother Nature the lion's share of the credit for the eye-popping yield. "There were a few periods in mid-May and June where we had some heavy rains, but they really didn't affect the crop," Reinhart says. "Once we got into July and August, the weather was near perfect. We had some timely rains and it wasn't too hot around pollination."

On the front end of the season, Reinhart relied on his John Deere 1775NT variable rate planter to ensure near-perfect seed spacing. "Getting the crop planted just right is so important for yield," he says. "You want those plants to come up uniformly and at the same time. Once a plant gets behind the others, it can't compete. Eventually it becomes a weed."

Flying on a fungicide with a helicopter at tasseling also helped the crop along. "It keeps the plant healthier longer and improves stalk strength and standability," he says.

Third Place

NIKIA KALB

Dubois, IN

343.2296 bu./acre

DEKALB DKC67-44RIB

Population: 38,000

Harvester: Case IH 8230

SUPERVISORS

Thomas J. Krodol: Ag Loan
Officer, Old National Bank

Tim Robinette: Ag Loan
Officer, Old National Bank

Nikia Kalb's knack for producing a top-flight yield is a matter of genetics. Her parents, Kevin and Shawn, have been making frequent trips to the contest winner's circle for more than a decade. This year Kevin, claimed a first-place award in this class, while Shawn took the top spot in the AA No-Till/Strip Till Non-Irrigated class. "I'm in a pretty good place for learning how to get the most out of a corn crop," Kalb says.

She had to wait out cool and wet conditions in April to put her contest entry into the ground. "We like to plant as early as we can, but you can't rush it," she says. "We want the soil temperature to be at least 55 degrees. If you plant before the soil warms up, you run the risk of not having good germination."

The family's new Case IH 2150 planter helped ensure the kind of consistent depth and uniform seed spacing that's necessary for uniform emergence. Key features on the planter include hydraulic down pressure and seed meters that place the seed in the row rather than just dropping it. "It's all about setting up the seed to be successful," she says. "You're losing bushels as soon as you open the seed bag. You can't get behind at the start of the season and expect to see a high yield at the end."

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
AA NON-IRRIGATED										
IOWA										
Brant Voss Dexter, IA	306.3420	DEKALB DKC64–34RIB	SSRIB	–	44000	–	–	–	0/0/0	John Deere DB60 John Deere S690
Mike Gaul Strawberry Point, IA	303.5598	Pioneer P1366AM™	AM,LL,RR2	PPST 250	34500	–	Halex GT	–	260/0/0	Case IH 1255 Front–Fold Early Riser Case IH 7240
Marc Knupp Washington, IA	301.7250	Pioneer P1563AM™	AM,LL,RR2	–	35000	–	–	–	240/65/70	John Deere 1770 NT CCS John Deere S660
ILLINOIS										
Jerry Reinhart Sadorus, IL	345.6367	DEKALB DKC64–34RIB	SSRIB	Acceleron +Poncho 250	34500	–	Acuron Roundup PowerMax	–	200/171/98	John Deere 1775NT John Deere S680
Chuck Walsh Bement, IL	323.2441	DEKALB DKC63–21RIB	SSRIB	–	36000	–	–	–	0/0/0	Case IH 1250 Case IH 8240
Roger Hendrix Bement, IL	320.1699	DEKALB DKC64–34RIB	SSRIB	–	38000	–	–	–	0/0/0	John Deere 1770 John Deere S680
INDIANA										
Kevin Kalb Dubois, IN	388.0654	DEKALB DKC67–44RIB	VT2PRIB	Acceleron +Poncho 250	38000	–	Degree Xtra Roundup PowerMax	–	240/80/200	Case IH 2150 Early Riser Front Fold Case IH 8230
Nikia Kalb Dubois, IN	343.2296	DEKALB DKC67–44RIB	VT2PRIB	Acceleron +Poncho 250	38000	–	Degree Xtra Roundup PowerMax	–	240/80/200	Case IH 2150 Early Riser Front Fold Case IH 8230
Kathy Little Hebron, IN	322.9830	Pioneer P0574AM™	AM,LL,RR2	Poncho 250+Raxil	46000	Cobalt Defcon	Abundit Cinch ATZ, Status	Headline AMP Trivapro	244/42/18	John Deere 7200 Case IH 6140
MINNESOTA										
Josh Theisen Albany, MN	294.1367	Croplan Seed 3899VT2PRIB	VT2PRIB	–	33700	–	–	–	0/0/0	John Deere 7000 Conservation Case IH 7230
Mark Schroeder Elgin, MN	293.1608	DEKALB DKC54–38RIB	SSRIB	Acceleron	39000	–	Roundup PowerMax Status, Verdict	Headline AMP	230/52/93	John Deere 1770NT John Deere 9670 STS
Scott Schroeder Elgin, MN	277.0561	DEKALB DKC55–84RIB	SSRIB	Acceleron	38000	–	Roundup PowerMax Status, Verdict	Headline AMP	230/52/93	John Deere 1770NT John Deere 9670 STS
MISSOURI										
Adrian Cox Trenton, MO	318.9499	DEKALB DKC64–35RIB	VT2PRIB	BAS250	34000	–	–	–	300/80/120	Kinze 3600 Case IH 8230
Leslie Lindner Keokuk, IA	299.9995	Beck's Hybrids 6368V2P	V2P	–	35000	–	Halex GT	–	235/120/350	White 9824 John Deere S680
Chris Lindner Keokuk, IA	294.3533	Pioneer P1637AM™	AM,LL,RR2	PPST 250	35000	–	Halex GT	–	225/150/300	White 9824 John Deere S680
OHIO										
Wesley Roberts Morral, OH	305.8504	Channel 214–00DGV2PRIB	VT2P/DG–RIB	Acceleron +Poncho 250	37000	Warrior II	AMS, Roundup PowerMax Atrazine, Callisto	–	340/0/120	Case IH 1265 Front–Fold Case IH 8240
Cory Atley Cedarville, OH	304.8917	Croplan Seed 4895VT2PRIB	VT2PRIB	Acceleron +Poncho 250	39500	Capture LFR Fastac	Atrazine 4L, Corvus Roundup PowerMax	Headline AMP Stratego YLD	350/100/170	John Deere DB60 Claas Lexion 760
Jeff Martin Greenville, OH	299.0851	Specialty Hybrids 42A843	SSRIB	Laddius, Dual, Basagram	40000	–	–	–	0/0/0	John Deere 1770NT John Deere S670
WISCONSIN										
Betty Steiger Bloomington, WI	304.2245	Pioneer P1366AMXT™	AMXT,LL,RR2	Poncho 250 +Raxil	40000	–	Harness, Instigate TripleFLEX	–	0/0/0	John Deere 1760 MaxEmerge Plus Vacuum John Deere 9660 STS
Mitch Mezera Bagley, WI	293.4663	Pioneer P0574AMXT™	AMXT,LL,RR2	VOTIVO	44000	–	Breakfree ATZ Realm Q, Roundup	Headline	300/50/150	John Deere 1790 John Deere 9700
Cody Mezera Bagley, WI	290.9760	AgriGold A641–78 STX	STX	VOTIVO	44000	–	Breakfree ATZ Realm Q, Roundup	Headline	300/50/150	John Deere 1790 John Deere 9770

First Place



DREW HAINES

Middletown, MD

366.2872 bu./acre
DEKALB DKC60-88RIB
Population: 40,000
Harvester: John Deere 9500

SUPERVISORS

Mary Jane Roop: Ag Loan Officer, Mid-Atlantic Farm Credit

Kellie Wilson: Ag Loan Officer, Mid-Atlantic Farm Credit

When it comes to the contest, think of Drew Haines as a man on the move. In 2015 and 2016, he captured back to back, second-place awards in the A Non-Irrigated class. Moving to a different class this year, he earned first-place honors with a yield of just over 366 bu./acre.

Weather conditions were "near perfect" when Haines planted the contest field on April 24. For a hybrid, he opted for DEKALB DKC60-88RIB planted at a rate of 40,000 seeds/acre. "On most of our acres we'll plant at about 35,000," he notes. "We also do several test plots each year where we plant hybrids we're thinking of using for the next year's contest. We'll plant those at about 37,000. Then in the contest fields, we'll push the populations a little higher to see what a particular variety can do."

This year, Haines also used the contest to tinker with starter fertilizer applications. As he's been doing for years, he put out a 39-46-60 blend of dry fertilizer with the planter. But, for the first time, he also made an in-furrow application consisting of three gallons of a 6-24-6 carrier mixed with an AgXplore micronutrient package. "We wanted to see if we could get a little extra boost," he says.

Once the crop was out of the ground, Haines turned his attention to fine-tuning his intensive foliar feeding management program. "With nutrients, it's all about the timing," he says. "It's not just a matter of what and how

much of something you put out. You have to make sure it's in place before the crop needs it."

When the corn was six inches tall, he made a helicopter application consisting of one quart each of three AgXplore products—CornScience, NutriPak and Charge.

At V6, Haines came back with the helicopter for a dry fertilizer application of nitrogen and potash. Just prior to tassel, he top-dressed again with nitrogen and potash (dry fertilizer), then immediately followed up with a spray application that included four ounces per acre of Fortix fungicide and three gallons per acre of a "home-brewed" package of AgXplore products mixed with additional biologicals and nutrients. He used it for the first time last year and calls it "dillweed juice."

After pollination, Haines made two more applications of the dillweed juice about two weeks apart. "I think of those applications as an I.V. for the plants," he says. "The whole idea is to keep dribbling nutrients out to them so they keep growing and stay healthy."

Yield Builders

- Get nutrients to plants before they're needed.
- Utilize starter fertilizers.
- Use the contest to evaluate new ideas.

Second Place

BRUCE HUBER

Berlin, ND

299.7807 bu./acre
DEKALB DKC44-15RIB
Population: 34,000
Harvester: John Deere S680

SUPERVISOR

Jared Cook: Agronomist, Allied Agronomy

Uncooperative weather conditions forced Bruce Huber to delay putting his contest entry in the ground. But in the end, the crop overcame the slow start, delivering a yield of just under 300 bu./acre.

Huber planted his contest field on May 2. "That's about two weeks later than normal," he says. "But we had a big snowstorm in mid-April and the ground was slow to warm up. It was tough waiting things out. But we know that if you plant before the soil temperature is just right, the seed won't take off and grow. It will just sit idle."

Following planting, the weather turned dry for three weeks. "There were a few spots where the corn showed some stress," he says. "But after that, we started getting good rains every other week and the corn just took off. It was chest-high by the Fourth of July. Overall, it was an exceptional year for growing corn."

For a hybrid, Huber planted DEKALB DKC44-15RIB at 34,000 seeds/acre. "We've had it for three years or so now," he says. "It's a showy corn with thick leaves and massive ears. And it responds well to different weather conditions. If you have a dry year, it will still produce. If you get a year with a lot of moisture, it will really produce."

Third Place

WILLIAM MARK DAVIS

Sparta, TN

296.6741 bu./acre
AgriGold A6499 STX
Population: 45,000
Harvester: Case IH 8230

SUPERVISORS

Allen Willmore: Soil Conservationist, NRCS

Adam Daugherty: District Conservationist, NRCS

Paying close attention to the crop's nutrient needs throughout the growing season was the cornerstone of Mark Davis' strategy for building a yield of nearly 297 bu./acre.

"You hear about it all the time from the people who do well in the contest year after year," he says. "If you want yields, you have to get those nutrients out there in the right place, in the right amounts and at the right time."

Davis set the stage for the crop year by running 3.5 gallons per acre of AgriLiquid starter fertilizer in the furrow at planting. "I don't know if a starter helps plants germinate any quicker," he says. "But they are more vigorous when they come out of the ground."

When the crop was boot-high, he made an over-the-top application of 32 percent UAN (70 units) with a Hagie highboy sprayer. At knee- to waist-high, he started pulling weekly tissue samples to get a better idea of plant needs. Using results from the sampling, Davis made three more over-the-top applications of nitrogen and micronutrients. Total nitrogen worked out to 280 units. "We've been doing the tissue sampling for about four years now," he says. "It's an additional expense, but it definitely gives you a leg up when you're chasing high yields."

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NO-TILL/STRIP-TILL NON-IRRIGATED										
ALABAMA										
Jackson Henderson Madison, AL	285.6865	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	26600	—	—	—	147/0/22	John Deere 1790 John Deere S690
John Bevel Albertville, AL	280.7677	DEKALB DKC64–35	VT2P	Apron Max +Poncho 250	27360	—	Atrazine 4F, Atrazine 4L Dicamba, Roundup PowerMax	—	178/0/0	Kinze 3000 John Deere 9500
Jessie Hobbs Elkmont, AL	279.4465	DEKALB DKC65–20RIB	DG–VT2PRIB	Acceleron +Poncho 250	31999	—	Atrazine+Roundup Undercover	—	250/150/150	John Deere 1795 John Deere S680
ARKANSAS										
Keith Woolverton Pollard, AR	212.9990	DEKALB DKC65–95	VT2P	Acceleron +Poncho 250	32000	—	Atrazine 90DG Brawl II, Roundup PowerMax	—	50/25/25	Case IH 1235 Stackbar Early Riser John Deere S670
Danny Simpson Rector, AR	210.9191	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Poncho 250	30000	—	Atrazine Dual	—	250/100/110	John Deere 1720 MaxEmerge XP John Deere S690
Chase Sain Rector, AR	153.8660	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 250	30000	—	Atrazine, Dual Roundup PowerMax	—	200/75/75	John Deere 1720 MaxEmerge XP John Deere S690
COLORADO										
Chad Bamford Haxtun, CO	153.8654	Pioneer P0506AM™	AM,LL,RR2	Poncho 250	13000	—	—	—	60/20/0	John Deere 1770NT John Deere S780
Ross Brinkema Holyoke, CO	142.0006	Pioneer P0157	CONV	—	15500	—	Abundit Extra, DiFlexx Atrazine 4L, FullTime	—	80/25/25	John Deere 1710 Vacuum John Deere S680
Wayne, Bryan & Robert McKinney Weskan, KS	138.1226	Pioneer P0157AM™	AM,LL,RR2	—	14000	—	—	—	70/30/0	John Deere 1760 MaxEmerge Plus Vacuum John Deere S670
CONNECTICUT										
Sanford Cohen Ellington, CT	249.1838	DEKALB DKC64–34RIB	SSRIB	Acceleron	32000	—	Bicep Roundup WeatherMax	Mantiror	250/60/150	John Deere 1750 Gleaner L3
Dan Logue Woodbury, CT	208.0745	Dyna–Gro D35SS58RIB	SS–RIB	—	32000	—	—	—	19/19/19	Kinze 3500 Case IH 2388
DELAWARE										
Whitney Snow Smyrna, DE	225.1555	Pioneer P1197AM™	AM,LL,RR2	PPST 250	33000	Bifenthrin 2EC	Atra–V 4L, Zidua Roundup, Simazat	Headline AMP	225/75/90	John Deere 1770NT John Deere S670
Sherry Hudson Frankford, DE	196.9186	DEKALB DKC67–44RIB	VT2PRIB	—	35500	—	2,4–D LV4 Ester Gramoxone Extra Harness Xtra, Roundup	—	200/0/150	John Deere 1790 CCS John Deere 9770 STS
FLORIDA										
Sam Jones Jasper, FL	223.5545	Pioneer P1662YHR	YGCB,HX1, LL,RR2	Poncho 250 +Trilex	31780	—	Atrazine 4L Generic Roundup	—	200/90/220	Monosem Twin Row Case IH Axial–Flow 1660
Ryan Jenkins Milton, FL	208.7062	Croplan Seed 6640VT3PRIB	VT3PRIB	VT3P	29000	Tundra	Atrazine+Roundup	Priaxor	300/240/600	John Deere 1720 Case IH 2188
Samantha Jones Jasper, FL	206.8103	Pioneer P1662YHR	YGCB,HX1, LL,RR2	Dynasty +Poncho 250	28940	—	Atrazine 4L Generic Roundup	—	160/90/160	Monosem MS Double Row Case IH Axial–Flow 1660
KANSAS										
Mike Fuhrman Lancaster, KS	289.8859	AgriGold A6544 VT2RIB	VT2RIB	Acceleron +Poncho 250	35000	—	Degree Xtra	—	220/0/0	John Deere 1790 CCS Case IH Axial–Flow 7120
Traci Noll Winchester, KS	287.9034	DEKALB DKC66–75RIB	VT2PRIB	a250	32000	—	—	—	230/60/60	Kinze 3600 Case IH 8230
Michael Meats Le Roy, KS	279.1779	DEKALB DKC64–35RIB	VT2PRIB	—	31000	Arctic	Atrazine, Corvus Autumn Super, Laudis	Stratego	250/30/30	Case IH 1255 Case IH 7230



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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
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A NO-TILL/STRIP-TILL NON-IRRIGATED - CONTINUED

KENTUCKY

Kevin Smith Shelbyville, KY	293.7158	DEKALB DKC67-44RIB	VT2PRIB	Acceleron +Poncho 250	32933	—	2,4-D Ester, Atrazine Leadoff Roundup PowerMax	Priaxor Trivapro	233/84/91	John Deere DB60 John Deere S670
Kevin Hayden Mayfield, KY	283.2032	DEKALB DKC 70-27RIB	—	Acceleron +Poncho 250	36000	—	Atrazine 4L Halex GT Status	Trivapro	70/0/0	John Deere 1770 NT CCS John Deere S690
Albert Peterson Loretto, KY	278.3476	DEKALB DKC64-32	CONV	Acceleron +Poncho 250	33250	Hero Lamcap	Atrazine 4L, Corvus DiFlexx, Status Roundup PowerMax	Trivapro	201/14/50	John Deere 1770 NT CCS John Deere S680

LOUISIANA

Stanley Johnson Monroe, LA	270.3881	Pioneer P1319R	RR2		30000	—	—	—	200/60/60	Case IH 1230 Stackbar Early Riser Case IH 8240
Lane Gaspard Batchelor, LA	260.6875	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Cruiser	32000	—	2,4-D+Roundup AAtrex, Roundup	—	200/120/80	John Deere 1720 John Deere 1170
Natalie Lee Tallulah, LA	247.8238	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	31000	—	2,4-D+Roundup AAtrex, Roundup	—	230/50/60	John Deere 1720 John Deere S680

MASSACHUSETTS

Wanda Llewelyn Northfield, MA	292.4181	Pioneer P9998AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	37000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
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MARYLAND

Drew Haines Middletown, MD	366.2872	DEKALB DKC60-88RIB	VT2PRIB	Acceleron	40000	—	—	—	0/0/0	John Deere 7200 Conservation John Deere 9500
William Willard Poolesville, MD	276.2069	DEKALB DKC62-53RIB	VT2PRIB	Acceleron +Poncho 250	35000	Warrior II	AAtrex 4L, Acuron Gramoxone SL 2.0	Trivapro	325/65/300	John Deere 1795 John Deere S660
Tom Walsh Hampstead, MD	269.5768	Pioneer P1197AM™	AM,LL,RR2	—	33000	—	—	—	250/92/120	John Deere 1750 John Deere 9660

MAINE

Alexander Hilton Norridgewock, ME	195.4838	Channel 192-08VT2PRIB	VT2P-RIB	—	30000	—	Capreno Trizmet II	—	210/150/160	Great Plains YP-625A Claas Lexion 450
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MICHIGAN

Jay Ferguson Yale, MI	275.8678	Pioneer P0574AM™	AM,LL,RR2	PPST 250	33100	—	Capreno	—	190/75/160	Case IH 1250 Front-Fold Early Riser Case IH 9240
Alvin Ferguson Allenton, MI	273.9042	DEKALB DKC52-61RIB	VT2PRIB	A250	32000	—	2,4-D, Credit+Glyphosate Atrazine 90 DF, Capreno	—	180/75/150	Kinze 3600 Case IH 9240
Ron Parks Allenton, MI	264.7343	Pioneer P0306AM™	AM,LL,RR2		32000	—	Roundup PowerMax	—	170/50/120	Kinze 2000 John Deere S660

MISSISSIPPI

Justin Hurt Senatobia, MS	262.5557	AgriGold A6544 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	261/12/63	Monosem Twin Row John Deere S670
Adam Hurt Senatobia, MS	260.4259	AgriGold A6544 VT2PRO	VT2PRO	Poncho 500	38000	—	—	—	261/12/63	Monosem Twin Row John Deere S670
Philip Good Macon, MS	244.3795	DEKALB DKC62-05	RR2	Poncho 250	30000	—	Atrazine Halex GT	—	250/100/100	John Deere 1720 MaxEmerge XP John Deere S670

MONTANA

Pete Enos Baker, MT	95.3875	Pioneer P8639AM™	AM,LL,RR2	—	20000	—	Armezon Pro, Atrazine 4L Durango DMA	—	75/30/10	John Deere 1770NT John Deere 9870 STS
Marcus Vogel Ballantine, MT	83.9291	Pioneer P8639AM™	AM,LL,RR2	PPST 250	16000	—	—	—	0/0/0	John Deere 1720 CCS Stack-Fold John Deere 9650 STS

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NO-TILL/STRIP-TILL NON-IRRIGATED - CONTINUED										
Derrick Enos Baker, MT	76.7852	Pioneer P8639AM™	AM,LL,RR2	—	20000	—	Armezon Pro, Atrazine 4L Durango DMA	—	75/30/10	John Deere 1770NT John Deere 9870 STS
NORTH CAROLINA										
Stuart Askew Gates, NC	274.5770	Dyna—Gro D58VC65	VT2P	Poncho 1250	32800	Bifenthrin	2,4—D Amine, Atrazine Roundup, Valor	Trivapro	210/0/0	John Deere 1720 Stack—Fold MaxEmerge Plus John Deere 9560 STS
Andy Pope Clinton, NC	271.7827	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250 +Raxil	27500	—	Atrazine, Capreno Dual, Roundup	—	150/75/75	John Deere 1705 John Deere S660
Ed Wood Andrews, NC	264.7849	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 1250	30600	Sniper	Atrazine 4L Bicep II Magnum Buccaneer Plus Dicamba, Peak	Priaxor	218/13/43	John Deere 1780 Drawn Rigid Gleaner R52
NORTH DAKOTA										
Bruce Huber Berlin, ND	299.7807	DEKALB DKC44—15RIB	VT2PRIB	—	34000	—	Armezon Pro, Atrazine Roundup PowerMax	—	140/85/25	John Deere 1770NT John Deere S680
Amy Frauenberg Lamoure, ND	255.1330	DEKALB DKC45—66RIB	VT2PRIB	Jump Start +Poncho 250	35000	Kendo	Harness Roundup PowerMax	—	200/150/150	John Deere DB66 Case IH 9230
Jay Myers Colfax, ND	211.2724	Pioneer P9608AM™	AM,LL,RR2	Amplify L	35000	—	TripleFLEX	—	180/20/40	White 9824 Case IH 8240
NEBRASKA										
Marvin and Glenn Wiles Plattsmouth, NE	295.2706	DEKALB DKC66—74RIB	SSRIB	Acceleron +Poncho 250	40000	—	Degree Xtra	—	240/70/40	John Deere 1795 John Deere S670
Mark Moody Auburn, NE	284.9594	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	36000	Capture LFR	Buccaneer 5 Resicore, Verdict	Quilt Xcel	288/50/60	John Deere 1790 CCS
Gerald Steffensmeier Howells, NE	284.3206	DEKALB DKC64—34RIB	SSRIB	Acceleron +Poncho 250	30000	—	Harness Xtra 6.0	—	210/50/30	John Deere 1770NT John Deere 9670 STS
NEW HAMPSHIRE										
Mary E Llewelyn Northfield, MA	251.3333	Pioneer P9998AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	37000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
NEW JERSEY										
Pat Giberson Pemberton, NJ	296.2000	DEKALB DKC64—34RIB	SSRIB	Acceleron	35000	—	Banvel, Infantry 4L Resicore, Roundup, Weeder 64	—	192/10/90	Kinze 3600 Claas Lexion 570
Chris Santini Stewartsville, NJ	270.6260	Pioneer P1197AMXT™	AMXT,LL,RR2	Cruiser 500	45000	—	Acuron	—	300/100/100	John Deere 1790 CCS John Deere S660
Eric Eachus Mullica Hill, NJ	260.4895	SeedWay SW 7700GENSSRIB	GENSSRIB	—	42000	—	Acuron	—	150/0/150	John Deere 1795 John Deere S680
NEW YORK										
Andrew McIlroy Pavilion, NY	261.3775	DEKALB DKC56—03RIB	SSRIB	Acceleron +Poncho 250	36700	—	Halex GT	—	255/96/93	John Deere 1750 MaxEmerge XP John Deere 9670 STS
Joe McIlroy Piffard, NY	256.6694	DEKALB DKC49—72RIB	SSRIB	Acceleron +Poncho 250	35500	—	Halex GT	—	240/96/93	John Deere 1750 MaxEmerge XP John Deere 9670 STS
Gary Swede Pavilion, NY	255.1344	DEKALB DKC57—75RIB	SSRIB	Acceleron	35000	—	Roundup PowerMax Yukon	—	257/72/189	John Deere 1770NT John Deere 9670
OKLAHOMA										
Cody Sloan Gore, OK	232.3769	Pioneer P1366AM™	AM,LL,RR2	Poncho 1250	33000	—	Atrazine+Calisto	Trivapro	240/0/0	John Deere 1770NT John Deere S670
PENNSYLVANIA										
Darren Grumbine Lebanon, PA	291.7258	DEKALB DKC62—53RIB	VT2PRIB	Acceleron	31000	Capture LFR	Atrazine, Sharpen Roundup PowerMax Simazine, Warrant	—	150/0/120	Case IH 1200 Pivot John Deere 9510

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NO-TILL/STRIP-TILL NON-IRRIGATED - CONTINUED										
Matthew Beam Elverson, PA	291.6556	DEKALB DKC62-53RIB	VT2PRIB	Acceleron	34848	—	Acuron Atrazine 4L, Gramoxone	—	252/28/0	John Deere 1770 Front-Fold MaxEmerge Plus Drawn Conservation John Deere S670
Lance Nimmo New Castle, PA	285.5774	DEKALB DKC62-05	RR2	Amplify D	32500	—	Lexar Roundup	—	250/80/120	Kinze 3600 New Holland CR7090
SOUTH CAROLINA										
Jeff Dawson Beaufort, SC	266.8720	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	33000	—	Halex GT	Priaxor	350/80/300	John Deere 1700 MaxEmergePlus John Deere 9500
Bennie Hughes Ehrhardt, SC	208.7810	Pioneer P1319HR	HX1,LL,RR2	Cruiser	24000	—	Atrazine Generic Roundup	—	0/0/0	John Deere 1700 Case IH 7088
SOUTH DAKOTA										
Travis Swisher Groton, SD	272.6600	DEKALB DKC46-79RIB	SSRIB	Acceleron +Poncho 250	36000	—	Atrazine, Class Act NG Roundup PowerMax, TripleFLEX	—	217/78/15	John Deere 1770NT CCS ProXP John Deere 9770 STS
Robert Swisher Groton, SD	269.6842	DEKALB DKC46-36RIB	SSRIB	Acceleron +Poncho 250	35500	—	Atrazine, Class Act NG Roundup PowerMax, TripleFLEX	—	218/78/15	John Deere 1770NT CCS ProXP John Deere 9770 STS
Robert Holzwarth Hazel, SD	265.5562	Hefty Seed H5003	DGVT2 PRO	Hefty Complete	33500	—	—	—	195/134/118	Kinze 2300 John Deere 9770 STS
TENNESSEE										
William Davis Sparta, TN	296.6741	AgriGold A6499 STX	STX	500 Votivo	45000	—	—	—	260/92/120	Kinze 3660 Case IH 8230
Kenneth Barnes Union City, TN	291.8819	DEKALB DKC64-35	VT2P	—	36000	Ruckus	Atrazine 4L, Warrant Roundup PowerMax	Trivapro	370/140/200	John Deere DB60 Case IH 8230
Donnie Edwards Allensville, KY	288.8305	DEKALB DKC67-44RIB	VT2PRIB	Acceleron	29000	—	Acuron, Atrazine 4L Glyphosate	—	180/80/80	Kinze 3600 Case IH 8240
VIRGINIA										
Guy Gochenour Woodstock, VA	281.9796	DEKALB DKC70-27RIB	VT2PRIB	Acceleron +Poncho 250	36000	—	—	—	250/0/0	Kinze 3600 John Deere 9560
Ryan Stephenson Wakefield, VA	280.7269	DEKALB DKC67-44RIB	VT2PRIB	Acceleron +Poncho 250	30000	—	2,4-D+Round up Halex GT, Atrazine	—	250/75/160	John Deere 1720 Stack-Fold MaxEmerge Plus Case IH Axial-Flow 8120
Charles Bowie Colonial Beach, VA	261.8955	DEKALB DKC67-44RIB	VT2PRIB	Acceleron +Poncho 250	35000	—	Halex GT, Leadoff Roundup PowerMax	Trivapro	210/0/90	John Deere 1760NT John Deere S670
VERMONT										
Jeffrey Grembowicz West Rutland, VT	225.4879	DEKALB DKC45-66RIB	VT2PRIB	Acceleron	31500	—	AAtrex 4L Acuron	—	160/30/80	John Deere 1750 Drawn Conservation Case IH 2388
WASHINGTON										
John Aeschliman Colfax, WA	160.2512	DEKALB DKC27-55RIB	VT2PRIB	—	34000	—	—	—	190/20/20	John Deere 7000 Case IH 7088
WEST VIRGINIA										
Ronald Widmyer Charles Town, WV	218.1271	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	32000	—	Acuron, Princep, Silkin Roundup PowerMax	—	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660
WYOMING										
Mike Peterson Albin, WY	104.1373	Pioneer P9188AM™	AM,LL,RR2	Cruiser	16000	—	Glystar+Roundup Roundup PowerMax	—	70/30/0	John Deere 1770NT CCS ProXP John Deere 9770 STS
Lee Peterson Albin, WY	101.3366	Pioneer P9188AM™	AM,LL,RR2	Cruiser	16000	—	Cornerstone+Roundup Roundup	—	70/30/0	John Deere 1770NT CCS ProXP John Deere 9770 STS

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First Place



SHAWN KALB

Dubois, IN

343.0037 bu./acre
DEKALB DKC70-27RIB
Population: 38,000
Harvester: Case IH 8230

SUPERVISORS

Thomas J. Krodel: Ag Loan Officer,
Old National Bank

Tim Robinette: Ag Loan Officer,
Old National Bank

The winner's circle is becoming familiar territory for Shawn Kalb. Last year, she also claimed the top spot in this class with a yield of more than 354 bu./acre.

To craft her class-busting yield this year, Kalb stayed focused on a handful of management basics that have served her well in the past. Those basics include carefully selecting a hybrid that matches up well with the soils in her contest field and a sound nutrient management program.

She opted for DEKALB DKC70-27RIB. "If I could only plant one number on our whole farm, this would be it," says Kalb. "Along with having fantastic yield potential, it's good on standability, gives you a good root system and handles the heat well."

Kalb planted her contest entry at 38,000 seeds/acre. "We've been backing off a little on populations," she says. "With the thicker plantings, the plants don't cool at night later in the summer. The thinner populations let the plants release more heat."

To get the crop off to a good start, she treated seed with ColdFlo from Nutrien Ag Solutions, then ran 2.5 gallons of CPS Early Riser fertilizer (3-18-18), along with 3.4 ounces of Capture insecticide and four ounces of PGR Radiate in the furrow. At the same time, she also laid a micronutrient package two inches deep and two inches on both sides of the seed trench.

"We were pretty cool and wet through most of

April," she relates. "We waited until the soil warmed and finally planted at the end of the month. The starter helped with germination and gave the plants a little boost coming out of the ground."

Five applications of granulated sugar at five key points during the growing season was another basic of her overall game plan. "It's something we've been doing for a long time, but this year we bumped the rates up to two pounds per acre (from one pound)," she says. "The sugar provides some energy and also helps reduce insect pressure."

As much as anything, says Kalb, producing a winning yield requires teamwork. "You can't be successful if you don't have good, hardworking people around you. Our DeKalb reps are always right there to help us select the right hybrids for our soil types. Our kids step up and take on additional chores when we're busy with planting and harvesting. And our good friend, Jerry Schmitt, is always on hand to help us bring in the crop. We've been blessed."

Yield Builders

- Match hybrids to soils and fertility.
- Keep summer heat in mind when calculating plant populations.
- Provide additional energy with granulated sugar.

Second Place

JOHN RUFF

Monona, IA

333.0866 bu./acre
Pioneer P1366AM
Population: 34,000
Harvester: John Deere 9560

A combination of favorable weather, a timely fungicide application and the right plant genetics propelled John Ruff to a second-place finish in this class with an all-time personal best yield of just over 333 bu./acre. "For years, I dreamed about 300-bushel corn," says Ruff, who captured a third-place award in this class two years ago. "Now, I've done it three years in a row. It feels pretty good."

Growing season weather was characterized by abundant moisture. "We spent the whole summer dodging rain events," says Ruff. "But we didn't have any really big problems. It would just rain for a few days, dry off a bit and then rain some more."

The overall damp conditions spawned minor outbreaks of northern corn leaf blight and gray leaf spot. To counter the disease pressure, he flew on a full rate of **Headline Amp** on July 19 with the crop at 50% tassel. "Normally, I do that fly on in early August," says Ruff. "But this year, the corn was growing so fast. The fungicide really paid for itself."

He also gives high marks to his **Pioneer P1366AM** hybrid. "This was the second year we've used it," Ruff says. "The plant health on it is absolutely fantastic and it throws a flex ear like you wouldn't believe."

SUPERVISORS

Adam Weigand: Ag Loan Officer, Freedom Bank

Gayge Samuelson: Ag Loan Officer, Freedom Bank

Third Place

BRAD WEHR

Jasper, IN

331.1153 bu./acre
DEKALB DKC67-44RIB
Population: 38,000
Harvester: John Deere S670

Sometimes, the difference between reaching and not reaching the winner's circle in the national corn yield contest comes down to the luck of the draw. Two years ago, Brad Wehr posted a yield of 342 bu./acre but ended up placing fourth nationally. This year, his 331-bushel yield earned a third-place award in this class.

A somewhat favorable growing season played a big role in shaping Wehr's winning yield. "We couldn't have ordered it up any better for most of the season," he says. "Conditions were excellent when we planted (May 8), and they just kept getting better as we went along. One area of concern was the hot days and nights that probably hurt yield a little. But I felt the corn really never got too stressed."

One of the new things Wehr tried this year was an additional post-tassel, fly on application of Trivapro fungicide. "In the past, we've tried different applications right after tassel," he notes. "This year, we changed up our mix and made a second application about four weeks later. We definitely saw the plants stay healthier later into the season. When we started harvesting in early October, the stalks were still incredibly green with only brown shucks. We're sure it gave us some extra bushels."

SUPERVISORS

Steve Meyer: Crop Insurance Adjuster, Self-employed

Troy Mason: Ag Loan Officer, Farm Credit Mid-America

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
AA NO-TILL/STRIP-TILL NON-IRRIGATED										
IOWA										
John Ruff Monona, IA	333.0866	Pioneer P1366AM™	AM,LL,RR2	—	34000	—	Acuron Resicore	—	300/100/200	John Deere 7000 John Deere 9650
Brady and Ryan Schroder Missouri Valley, IA	329.5672	Pioneer P1555CHR	RW,HX1, LL,RR2	Ponch 1250	32500	—	—	—	200/0/0	Kinze 3200 Case IH 7240
Josh Vittetoe Washington, IA	317.4130	Wyffels Hybrids W7696RIB	VT2P	—	38000	—	—	—	110/0/0	John Deere 1770NT Case IH 8010
ILLINOIS										
Matthew Swanson La Harpe, IL	319.9657	Rob—See—Co IC6260	Conv	Cruiser 500	34000	—	—	—	250/40/60	John Deere 1790 CCS Claas Lexion 750
Randy Haars Geneseo, IL	315.5371	DEKALB DKC64—34RIB	SSRIB	Accelaron +Poncho 250	37000	—	—	—	200/100/100	John Deere 1770 NT CCS John Deere 9670 STS
Travis Michl Newton, IL	302.7104	DEKALB DKC64—34RIB	SSRIB	—	39000	Warrior II	Infantry 4L Verdict	Headline AMP —	230/69/93	Great Plains YP—2425 John Deere S680
INDIANA										
Shawn Kalb Dubois, IN	343.0037	DEKALB DKC70—27RIB	VT2PRIIB	Accelaron +Poncho 250	38000	—	Degree Xtra Roundup PowerMax	—	240/80/200	Case IH 2150 Early Riser Front Fold Case IH 8230
Brad Wehr Jasper, IN	331.1153	DEKALB DKC67—44RIB	VT2PRIIB	Accelaron	38000	—	Gramoxone Halex GT, Lexar	—	220/92/120	John Deere 1770NT John Deere S670
Terry Vissing Marysville, IN	323.8044	AgriGold A6579 VT2PRO	VT2PRO	Accelaron +Poncho 250	34000	—	—	—	280/120/160	John Deere 1790 CCS John Deere 9670 STS
MINNESOTA										
Gary Sobeck Winona, MN	287.3706	DEKALB DKC62—20RIB	VT2PRIIB	Poncho 500	38000	—	Glyphosate Resicore	—	200/48/150	Kinze 3600 Case IH Axial—Flow 5088
Chris Sobeck Winona, MN	284.9326	DEKALB DKC62—20RIB	VT2PRIIB	Poncho 500	38000	—	Glyphosate Resicore	—	200/48/160	Kinze 3600 Case IH Axial—Flow 5088
Janneke Sobeck Winona, MN	281.2338	DEKALB DKC58—06RIB	SSRIB	Poncho 250	38000	—	Glyphosate Resicore	—	200/48/160	Kinze 3600 Case IH Axial—Flow 5088
MISSOURI										
Jerry Cox Delta, MO	321.2859	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	34000	—	—	—	300/30/30	John Deere 1720 Stack—Fold MaxEmerge Plus John Deere 9670 STS
Jane Cox Delta, MO	312.7836	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	33000	—	—	—	300/30/30	John Deere 1720 MaxEmerge XP John Deere 9670 STS
Donovan Cooper Fairfax, MO	284.5861	Pioneer P1366AM™	AM,LL,RR2	PPST 250	34000	—	—	—	200/90/90	John Deere 1790 CCS John Deere S690
OHIO										
Chris Waymire Yellow Springs, OH	295.9131	Croplan Seed 4895SSRIB	SSRIB	Accelaron	40000	Capture LFR	Corvus Durango	—	280/45/140	White 9824 Case IH 7240
Rob Schmidt Arcanum, OH	284.3097	Pioneer P1197AM™	AM,LL,RR2	—	32000	—	Lexar	Stratego YLD	250/16/0	John Deere 1750 MaxEmerge Plus John Deere 9400
Jim Motycka Napoleon, OH	282.7998	Pioneer P0825AM™	AM,LL,RR2	Pioneer Premium	31500	—	Corvus	—	253/54/120	Case IH 1255 Front—Fold Early Riser Case IH 5140
WISCONSIN										
Eugene Steiger Bloomington, WI	297.2032	DEKALB DKC64—34RIB	SSRIB	Accelaron +Poncho 250	40000	—	Harness TripleFLEX	—	285/175/188	John Deere 1760 MaxEmerge Plus Vacuum John Deere 9660 STS
Brad Mezera Bagley, WI	282.5024	DEKALB DKC60—88	VT2P	VOTIVO	44000	—	Breakfree ATZ Realm Q, Roundup	Headline	300/50/150	John Deere 1790 John Deere 9770
Matt Mezera Bagley, WI	280.2168	Pioneer P1366AMXT™	AMXT,LL,RR2	VOTIVO	44000	—	Breakfree ATZ Realm Q, Roundup	Headline	300/50/150	John Deere 1790 CCS John Deere 9770

First Place



NOLAN MILLS Boardman, OR

360.3356 bu./acre
Pioneer P1366AM
Population: 36,500
Harvester: **John Deere S680**

SUPERVISORS

Steve Lazinka: Ag Loan Officer, Bank of Eastern Oregon

Phil Hamm: Director, Hermiston Agricultural Research and Extension Center

Nolan Mills is an up and comer in the national corn yield contest. In just his third year of entering, he captured a first-place award in this class with an all-time personal best yield topping 360 bu./acre.

Weather was a critical component in helping him on his way to a top-flight yield. "It was pretty mild," Mills says. "We had moderate weather at planting and didn't have any long periods of extremely hot weather around pollination. The corn was set up to grow to the best of its ability."

His contest field was planted to potatoes the previous year. Following harvest in late September, he planted an overwintering crop of triticale to stave off potential problems with wind erosion. In the spring, Mills broadcast a thick blanket of liquid manure on the field and did a soil test. Several days ahead of his April 15 planting date, he ran a strip tiller over the ground to prepare the seedbed for planting.

During planting, Mills emphasized proper seed depth and uniform spacing. "Early on is where you set the stage for the rest of the season," he says. "If you don't get the crop started just right and something goes wrong because of the weather or management, it's hard to recover."

For weed control, Mills used a ground rig to spray with Gly Star ahead of planting. In May, he followed up with a post-emergence application of Outlook and Callisto. "We didn't have a lot

of weed pressure," he notes. "It was more a matter of cleaning things up a bit. The manure we put on in the spring can create a pretty rich environment for weeds."

At V3, he began watering the entry at regular intervals through a center pivot. In all, he put on 37 inches of water. "That's about normal," he says. "Our goal with the water is to stay ahead of the game. We want it there when the plant needs it."

He followed the same line of thinking in his fertility management program. For the contest field, he ran 10 pounds of nitrogen through the pivot at V2. Then, starting when the corn was roughly knee-high and continuing until just before tassel, he used spring soil test information to meter out 25 pounds of nitrogen once a week until he reached the total amount prescribed by the test. "After tassel, we took another soil sample to see if any additional nutrients were needed," Mills explains. "We never want a plant to have to go looking for something it needs."

Yield Builders

- Get corn off to the right start.
- Stay ahead of corn's water needs.
- Utilize soil tests to determine nutrient requirements.

Second Place

ROGER DANZ Mesa, WA

354.2872 bu./acre
Pioneer P0801AM
Population: 34,000
Harvester: **John Deere 9870 STS**

Roger Danz's yield of more than 354 bu./acre and second-place finish in this class qualifies him for contest Rookie of the Year honors. This was the first year he's ever entered the national corn yield contest.

He began laying the groundwork for his winning yield well-ahead of planting. He and his son, Luke, spent part of several weeks getting their 12-row planter in tip-top shape. "It's an older, mechanically driven planter, but it has served us well," he says. "We want to keep it working for us as long as we can."

Their service protocol started with a complete checkup of all moving parts. "We looked for signs of wear and tear and replaced parts as needed," says Danz. "Luke adjusted the meters to ensure a good seed drop and the mechanical drive chain to get the drag set just right. Once we get out in the field, we want everything running smoothly and consistently. That increases our chances of getting even emergence and a nice, uniform stand when the corn comes out of the ground."

Such thoroughness on the front-end of the season is easily justified, says Danz. "If you make a mistake when you're planting, there's nothing you can do later on to make up for it. You have to get it just right."

SUPERVISORS

Kent Mackay: Retired Crop Consultant, Eppich Grain

Randall Ririe: Retired Ag Loan Officer, SeattleFirst

Third Place

DEAN HARRIS Umatilla, OR

343.2810 bu./acre
Pioneer P0801AM
Population: 37,000
Harvester: **John Deere S680**

Dean Harris hasn't lost his touch for growing high-yield corn. He last entered the national yield contest back in 2000, placing third in this class with a yield of 292 bu./acre. He quit growing corn right after that to grow other crops, but went back to corn this year.

Throughout the season, Harris had a good feeling about the progress of his contest entry. "Everybody who looked at it, including me, thought it was a nice-looking crop," he says. "But when I saw that first yield check, I was shocked. I had no idea it was this good."

Paying attention to detail in several key management areas made the crop, says Harris. "We stayed on top of weed control and kept the fields pretty clean. It was a little drier than usual, but we were able to maintain a good reserve of water (center pivot irrigation) throughout the season. With our fertilizers, we made sure we got nutrients to the plants at the right times."

Having the right hybrid in place played a role too. "This is the first time we used this number (**Pioneer P0801AM**)," he notes. "We liked it mostly for yield potential. But it has good stalk strength and stood well. We had a little bit of wind this year, and it never faltered."

SUPERVISORS

Gina Gray: Crop Consultant, IRZ Consulting

Brittany Doescher: Crop Consultant, IRZ Consulting



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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED										
ALABAMA										
Will Curtis Troy, AL	330.3338	DEKALB DKC65-20	DG-VT2P	Poncho 1250 +VOTIVO	38000	—	—	—	315/0/120	John Deere 1705 Twin Row John Deere S660
Stuart Sanderson Madison, AL	323.0288	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	35625	—	—	—	288/116/96	John Deere 1790 John Deere S690
J Howard Hobbs Elkmont, AL	298.7209	DEKALB DKC65-20RIB	DG-VT2PRIB	Accelaron +Poncho 250	32000	—	Callisto+Roundup	—	100/0/0	John Deere 1795 John Deere S680
ARKANSAS										
James Wray Trumann, AR	278.6068	DEKALB DKC70-27	VT2P	—	34000	—	—	—	360/91/325	John Deere 1720 MaxEmerge XP John Deere S690
Drew Woolverton Pollard, AR	277.8870	DEKALB DKC70-27	VT2P	Accelaron +Poncho 250	40000	—	Atrazine 90DG, Brawl II Roundup PowerMax	—	280/90/140	Case IH 1235 Stackbar Early Riser John Deere S670
Tim Fisher Wynne, AR	244.1356	Pioneer P1870YHR	YGCB,HX1, LL,RR2	PPST 250	40000	—	Acuron	—	300/100/120	John Deere 1750 MaxEmerge XP John Deere S670
COLORADO										
Dan Sitzman Wray, CO	307.4491	Pioneer P0801AM™	AM,LL,RR2	—	30000	—	—	—	240/50/0	John Deere 1720 MaxEmerge XP John Deere S670
Curtis Lubbers Lamar, CO	299.7501	Pioneer P1828AM™	AM,LL,RR2	Cruiser+Raxil	30000	—	—	—	240/120/10	John Deere 1775NT John Deere 9760
Casey Yost Liff, CO	292.5160	Pioneer P1151AMX™	AMX,LL,RR2	Capture	40000	—	—	—	250/10/0	John Deere 7300 MaxEmerge 2 Gleaner R72
DELAWARE										
Gary Ockels Milton, DE	286.7530	DEKALB DKC62-53RIB	VT2PRIB	Accelaron +Poncho 250	40000	Sniper	Acuron, Princep Generic Roundup, Salvo	—	200/0/0	Case IH 1255 Front-Fold Early Riser Case IH Axial-Flow 7120
Christopher Wyatt Harrington, DE	281.2544	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	35000	Capture	Lexar+Roundup Roundup	Trivapro	300/17/150	Kinze 3660 John Deere 9770 STS
Benjamin Snow Smyrna, DE	258.7916	Pioneer P1197AM™	AM,LL,RR2	PPST 250	38000	Bifenthrin 2EC	Atrazine Roundup, Zidua	Headline AMP	285/80/90	John Deere 1770NT John Deere S670
FLORIDA										
Gary Cone Jennings, FL	274.2059	DEKALB DKC62-08	SS	Accelaron +Poncho 250	33840	—	Atrazine 4L Roundup PowerMax	—	280/115/280	Monosem Twin Row John Deere 9870 STS
Jimmy Murphy Jennings, FL	263.9476	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Poncho 250 +Trilex	35680	—	Atrazine 4L Roundup PowerMax	—	260/90/260	Monosem Twin Row John Deere 9870
Larry Ford Greenwood, FL	240.6616	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Dynasty +Poncho	34000	Bifenthrin Lorsban 4E	AAtrex+Roundup	Quadris Tilt	280/65/180	John Deere 1725 CCS Stack-Fold John Deere S660
GEORGIA										
Jamie Jordan Centre, AL	273.8138	DEKALB DKC62-08	SS	Apron Max +Poncho 250	35150	UP-Cyde	AAtrex 4L, Valor Roundup PowerMax	—	110/46/93	John Deere 1790 CCS Case IH 2388
James Hitchcock Tennille, GA	268.6085	DEKALB DKC62-06	CONV	—	35830	Besiege	Atrazine 90 DF Steadfast Q	Trivapro	310/185/400	John Deere 1725 Integral Stack-Fold John Deere 9670 STS
IOWA										
Connor Garrett Arion, IA	326.0470	LG Seeds LG5618-VT2PRIB	VT2PRIB	Poncho 250	35000	—	2,4-D Halex	Trivapro	500/400/420	John Deere 1770NT John Deere S680

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED - CONTINUED										
Roy Folkerts Inwood, IA	248.1610	Pioneer P0574AM™	AM,LL,RR2	Amplify D +Poncho 1250	36500	Aztec 4.67G Bifenthrin 2EC Chlorpyrifos	2,4-D LV6 AAtrex 4L, Breakfree Abundit Extra, Resicore	Approach	200/0/0	John Deere 1770 NT CCS John Deere 9560 STS
Todd Folkerts Inwood, IA	247.2016	Pioneer P0574AM™	AM,LL,RR2	Amplify D +Poncho 1250	36500	Aztec 4.67G Bifenthrin 2EC Chlorpyrifos	2,4-D LV6 AAtrex 4L, Breakfree Abundit Extra, Resicore	Approach	200/0/0	John Deere 1770 NT CCS John Deere 9560 STS
IDAHO										
Billy Wolfe Grand View, ID	305.7624	Pioneer P0157R	RR2	—	40000	—	Roundup Status	—	272/55/0	John Deere 1720 MaxEmerge XP Case IH 7230
David Hults Gooding, ID	299.2735	Pioneer P0919AM™	AM,LL,RR2	—	34500	—	—	—	300/50/60	John Deere 1720 MaxEmerge XP John Deere S670
Kay Hults Wendell, ID	290.0884	DEKALB DKC54-38RIB	SSRIB	—	36500	—	DiFlexx Mad Dog	—	250/50/60	John Deere 1720 MaxEmerge XP John Deere S670
ILLINOIS										
Dan Luepkes Chana, IL	324.2643	AgriGold A6499 STXRIB	STXRIB	Acceleron +Poncho 250	42100	—	AAtrex 4L Resicore	—	300/101/140	John Deere 1770 NT CCS John Deere 9770 STS
Melissa Yocum Oregon, IL	310.4213	AgriGold A635-54	VT2RIB	Acceleron +Poncho 250	41000	—	Atrazine 4L Resicore	—	280/92/124	John Deere 1770 NT CCS John Deere 9770 STS
Greg McClure Saint Francisville, IL	283.9239	AgriGold A6544 VT2RIB	VT2RIB	Poncho 500	40000	—	—	—	450/250/400	Kinze 3650 Case IH 8010
INDIANA										
Taylor Wischmeier Brownstown, IN	297.7348	DEKALB DKC66-75RIB	VT2PRIB	Acceleron	36000	—	—	—	0/0/0	John Deere 1770NT John Deere S680
Craig Williams Oaktown, IN	293.1125	Pioneer P1847AML™	AML,LL,RR2	Poncho 1250 +VOTIVO	36000	Warrior	Abundit Armezon, Cinch ATZ	Approch Prima	240/100/150	Kinze 3600 John Deere 9560 STS
Randy & Mark Hardy Roanoke, IN	287.2611	DEKALB Dkc62-52	—	Acceleron +Poncho 250	39400	—	Harness Xtra 5.6L	—	225/70/120	John Deere 1770NT Challenger 540c
KANSAS										
Tony Spexarth Colwich, KS	307.3475	AgriGold A6544 VT2RIB	VT2RIB	—	34000	—	—	—	358/68/15	John Deere 1700 John Deere S670
Rusty Sherwood Sublette, KS	299.1479	Pioneer P1197AM™	AM,LL,RR2	—	32000	—	—	—	235/40/0	John Deere 1720 CCS John Deere S670
Jacob Gouldie Inman, KS	298.5340	AgriGold A6544 VT2RIB	VT2RIB	—	34000	—	—	—	410/60/85	John Deere 1770 John Deere 9770 STS
KENTUCKY										
Kyle Dixon Fulton, KY	276.5713	DEKALB DKC65-95RIB	VT2PRIB	Accelerometer +Poncho 1250	33000	—	—	—	0/0/0	Kinze 3700 24R 20"/22" Case IH 8240
Jeremy Hopper Tiptonville, TN	262.1739	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	32000	—	—	—	175/0/0	John Deere DB60 Case IH 7140
Terry Hopper Tiptonville, TN	259.9540	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	32000	—	—	—	175/0/0	John Deere DB60 Case IH Axial-Flow 7120
LOUISIANA										
Billy Lee Tallulah, LA	272.4591	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Cruiser	31000	—	2,4-D+Round up AAtrex, Roundup	—	230/50/60	John Deere 1720 John Deere S680

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED - CONTINUED										
Jack Dailey Fort Necessity, LA	252.0086	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Cruiser	34000	—	2,4-D+Roundup AAtrex, Roundup	—	240/60/60	John Deere 1700 John Deere S690
Boyce Miller Transylvania, LA	250.8807	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Cruiser 250	33000	—	—	—	282/25/60	John Deere 1720 MaxEmerge XP John Deere S690
MARYLAND										
Michael Bostic, Jr. Church Hill, MD	287.9164	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	33400	Capture LFR Lambda T	2,4-D Gly Star Plus, Lexar	Headline AMP	240/55/150	John Deere 1790 CCS John Deere S670
Greg Turner Preston, MD	281.5856	Channel 217-07VT2PRIB	VT2P-RIB	Poncho 250	31000	Bifenthrin	2,4-D, Basis Blend Generic Roundup, Harness Xtra	—	300/25/150	John Deere 1770 NT CCS John Deere S670
Dan Dulin Queen Anne, MD	243.4765	Pioneer P1197AM™	AM,LL,RR2	Poncho 250 +Raxil	33000	Lambda	Lexar Touchdown IQ	—	260/50/120	John Deere 1770 NT CCS John Deere S670
MICHIGAN										
Marshall Landis Schoolcraft, MI	288.8702	DEKALB DKC59-50RIB	VT2PRIB	—	35000	—	Acuron	—	200/50/100	John Deere 1770NT CCS ProXP John Deere S690
Ronnie Landis Schoolcraft, MI	284.3003	DEKALB DKC59-50RIB	VT2PRIB	—	35000	—	Acuron	—	200/50/100	John Deere 1770NT CCS ProXP John Deere S690
Scott Jirgens Kalamazoo, MI	274.2072	Golden Harvest G09A86-3110	3110	Avicta	38000	—	Acuron	—	300/125/250	Case IH 1250 Front-Fold Case IH 7240
MINNESOTA										
Jenna Sobeck Winona, MN	269.7691	DEKALB DKC60-87RIB	SSRIB	Poncho 250	38000	—	Glyphosate Resicore	—	200/48/160	Kinze 3600 Case IH Axial-Flow 5088
Ryan Thelemann Le Sueur, MN	245.2397	DEKALB DKC62-08RIB	SSRIB	Acceleron	34400	—	Acuron, SureStart Roundup PowerMax	—	280/39/97	John Deere 7000 Gleaner S77
Nathan Braun Le Sueur, MN	241.6274	DEKALB DKC53-56RIB	SSRIB	Acceleron	34700	—	Acuron, SureStart Roundup PowerMax	—	280/39/97	John Deere 7000 Gleaner S77
MISSOURI										
Craig Sutter Taylor, MO	303.7806	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	35000	—	—	—	0/0/0	John Deere 1770 NT CCS John Deere S680
Stephen Sutter Muscatine, IA	298.4972	Pioneer P1197AM™	AM,LL,RR2	—	35000	—	—	—	275/50/80	John Deere 1770 NT CCS John Deere S680
Jennifer Landewee Chaffee, MO	276.3989	Seed Consultants SCS 1158YHR™	RR2/HX/ LL/YGCB	Poncho	32500	Capture LFR	AAtrex Acuron	—	290/90/60	John Deere 1720 MaxEmerge XP Case IH 9240
MISSISSIPPI										
Jack Huerkamp Macon, MS	265.3854	Croplan Seed 6640VT3PRIB	VT3PRIB	Cruiser 250	38000	—	—	—	250/70/140	John Deere 1700 MaxEmerge XP Claas Lexion 740
Scott Hunter Glen Allan, MS	261.8443	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	36000	—	—	—	325/100/120	John Deere 1700 MaxEmerge Vacuum, John Deere S690
Carol Hunter Glen Allan, MS	254.3025	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	38000	—	—	—	325/100/120	John Deere 1700 MaxEmerge Vacuum, John Deere S690
MONTANA										
Eric Lowell Park City, MT	283.1607	Pioneer P9188AMX™	AMX,LL,RR2	PPST 250	40000	—	—	—	250/20/60	John Deere 7300 MaxEmerge 2 Case IH 2188

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED - CONTINUED										
Brent Icopini Hysham, MT	262.1569	Pioneer P9998AM™	AM,LL,RR2	PPST 250/ raxil plus Lumivia	38000	—	Durango, Outlook, Status Roundup RT3, Verdict	—	160/100/45	Monosem NG Plus Case IH 9230
Bart Icopini Hysham, MT	261.1898	Pioneer P9188AM™	AM,LL,RR2	PPST 250/ Raxil	38000	—	Durango, Outlook, Status Roundup RT3, Verdict	—	160/100/45	Monosem NG Plus Case IH 9230
NORTH CAROLINA										
Adrian Locklear Maxton, NC	285.6701	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	34000	Bifenthrin	2,4-D, Armezon Atrazine, Roundup PowerMax	Priaxor	300/90/150	John Deere 1725 Integral Stack-Fold John Deere S670
Lucas Richard Newton, NC	273.7859	DEKALB DKC67-44	VT2P	—	35000	—	Bicep II Magnum Gramoxone SL 2.0 Halex GT	—	450/332/332	John Deere 1790 CCS Claas Lexion 750
Bo Stone Rowland, NC	273.3213	Pioneer P1442YHR	YGCB,HX1, LL,RR2	Cruiser +Poncho 250	35000	Bifenthrin —	Atrazine, Realm Q Roundup PowerMax	Approch Prima	240/60/100	John Deere 1790 CCS John Deere S670
NORTH DAKOTA										
James Frauenberg LaMoure, ND	285.2071	DEKALB DKC45-66RIB	VT2PRIB	Jump Start +Poncho 250	35000	Kendo	Harness Roundup PowerMax	—	200/150/150	John Deere DB66 Case IH 9230
Cody Frauenberg Lamoure, ND	270.8759	DEKALB DKC45-66RIB	VT2PRIB	Jump Start +Poncho 250	35000	Kendo	Harness Roundup PowerMax	—	200/150/150	John Deere DB66 Case IH 9230
NEBRASKA										
John Panowicz Cairo, NE	326.5289	Pioneer P1370AM™	AM,LL,RR2	Poncho 1250 +Raxil	34000	—	AAtrex 4L Resicore	—	297/60/60	Case IH 1230 Stackbar Early Riser Case IH 7240
Bruce Schmit Bellwood, NE	321.2889	AgVenture AV8614YHB™	YHB,YGCB, HX1/LL,RR2	Cruiser 250	36000	—	Lumax	—	240/52/60	Kinze 3400 Massey Ferguson 9560
Paul Gangwish Shelton, NE	319.9398	DEKALB DKC70-27RIB	VT2PRIB	—	33500	—	—	—	200/60/0	John Deere DB90 John Deere S680
NEW HAMPSHIRE										
Dan Llewelyn Northfield, MA	258.5996	Pioneer P9840AMXT™	AMXT,LL,RR2	Acceleron +Poncho 250	37000	—	Lumax EZ	—	220/37/230	John Deere 7200 John Deere 9500
NEW JERSEY										
Jeffrey Barlieb Stewartsville, NJ	269.7013	Pioneer P1197AMXT™	AMXT,LL,RR2	Cruiser 500	45000	—	Acuron	—	300/100/100	John Deere 1790 CCS John Deere S660
NEW MEXICO										
Ryan Garcia Farmington, NM	318.4885	Pioneer P1197AM™	AM,LL,RR2	Cruiser 250/Raxil	36000	Blackhawk Naturalyte Insect Control	Atrazine 4L Resicore	Approach	300/60/100	John Deere 1710 Vertical-Fold John Deere 9750 STS
Jared Gordon Dalhart, TX	296.9854	Pioneer P1370Q™	Q,LL,RR2	Lumivia	32000	—	—	—	300/60/0	John Deere 1770 NT CCS Case IH 9230
JR Mason Dalhart, TX	270.2785	Pioneer P1370Q™	Q,LL,RR2	Lumivia	32000	Zeal	Acuron, Laudis, Valor Cornerstone Plus	Trivapro	250/60/10	John Deere 1770 NT CCS Case IH 2388
OHIO										
Nick Kelbley Fostoria, OH	273.9020	AgriGold A6499 VT2RIB	VT2RIB	—	34200	—	Corvus	Stratego YLD	95/0/0	John Deere 1770NT John Deere S680
Matt Milless Amanda, OH	227.3758	Seed Consultants SCS 1125YHR™	RR2/HX/ LL/YGCB	Poncho 500 + Vativo	37000	—	Honcho, Impact Weedone LV6	Priaxor Trivapro	200/57/75	John Deere 7200 Gleaner R65

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED - CONTINUED										
OKLAHOMA										
Ed Keezer Clayton, NM	321.7799	Pioneer P1828Q™	Q,LL,RR2	Poncho 1250 +VOTIVO	31000	—	—	—	285/45/10	John Deere 1770NT CCS ProXP John Deere 9770
Steve Sloan Gore, OK	269.7603	Pioneer P1828AM™	AM,LL,RR2	Poncho 1250	33000	—	Aatrex+Calisto	Trivapro	220/0/0	John Deere 1770NT John Deere S670
Austin Sage Texline, TX	260.9029	Pioneer P1366AM™	AM,LL,RR2	Iumivia	32500	—	—	—	310/65/0	John Deere 1770NT CCS ProXP John Deere 9760 STS
OREGON										
Nolan Mills Boardman, OR	360.3356	Pioneer P1366AM™	AM,LL,RR2	Cruiser +Poncho 250	36500	—	—	—	142/34/41	John Deere 1700 MaxEmerge Vacuum, John Deere S680
Dean Harris Umatilla, OR	343.2810	Pioneer P0801AM™	AM,LL,RR2	Cruiser +Poncho 250	37000	—	—	—	482/288/0	John Deere 1700 MaxEmerge Vacuum, John Deere S680
Emily Rea Boardman, OR	274.0673	Pioneer P0805AM™	AM,LL,RR2	Cruiser +Poncho 250	40000	—	—	—	311/0/0	John Deere 1700 MaxEmergePlus Vacuum, John Deere S680
PENNSYLVANIA										
Karl Dirks Elizabethtown, PA	280.8259	DEKALB DKC67-44RIB	VT2PRIB	Acceleron +Poncho 250	36250	—	—	—	300/0/0	John Deere 1770 NT CCS John Deere S660
Rhoda Mast Morgantown, PA	277.8725	Pioneer P1442AM™	AM,LL,RR2	Poncho 250	33300	Capture LFR	Balance Flexx, Spirit Brawl II ATZ, Status Buccaneer Plus	Trivapro	285/0/0	John Deere 1750 MaxEmerge Plus Vacuum, John Deere 9750 STS
Eric Charles Lancaster, PA	271.6386	Pioneer P1283AM™	AM,LL,RR2	Poncho 1250	37500	—	Acuron, Halex GT Gly Star Plus	Priaxor	275/30/50	Case IH 2150 Early Riser Front Fold Case IH 8010
SOUTH CAROLINA										
Tate Jameson Orangeburg, SC	290.4114	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Amplify L +Poncho 250	35200	Counter 20 G	Atrazine, Impact Roundup PowerMax	Stratego YLD	225/30/100	John Deere 1700 MaxEmerge XP Case IH 7140
Russ Jameson Orangeburg, SC	289.2724	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Amplify L +Poncho 250	34000	Counter 20 G	Atrazine, Impact Roundup PowerMax	Stratego YLD	225/30/100	John Deere 1700 MaxEmerge XP Case IH 7140
Thomas Jameson Orangeburg, SC	285.3788	DEKALB DKC65-20	DG-VT2P	Amplify L +Poncho 250	33500	Counter 20 G	Atrazine, Impact Roundup PowerMax	Stratego YLD	225/30/100	John Deere 1700 MaxEmerge XP Case IH 7140
SOUTH DAKOTA										
Steve Breeding Chamberlain, SD	292.0233	Channel 213-19STXRIB	SS-RIB	Acceleron	34000	—	—	—	0/0/0	John Deere 1775NT John Deere S670
Tyler and Jerry Poeschl Yankton, SD	269.1170	Pioneer P1366AM™	AM,LL, RR2	—	34000	—	—	—	220/70/50	John Deere 1775NT John Deere S680
Scott & Tammy Slepikas Huron, SD	268.0012	Pioneer P0339AMXT™	AMXT, LL,RR2	Cruiser 500/Raxil	31000	—	Banvel, Harness Xtra, Laudis Roundup PowerMax	—	161/85/50	Case IH 1200 Pivot Case IH 2388
TENNESSEE										
Terry Taylor Rives, TN	294.9086	DEKALB DKC64-35	VT2P	Acceleron+ Poncho 250	42000	—	AAtrex 4L+Atrazine Halex GT	—	400/250/250	John Deere 1770NT John Deere S680
Kole Phillips Taft, TN	286.9096	DEKALB DKC64-35	VT2P	—	41000	Karate	2,4-D+Round up Atrazine 4L	Stratego	300/195/207	Kinze 3600 Case IH 2188

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED - CONTINUED										
John Chester Martin, TN	276.6518	Pioneer P1870YHR	YGCB,HX1, LL,RR2	PPST 250	32000	—	Armezon, Atrazine 4L Roundup PowerMax	—	0/0/0	John Deere 1790 John Deere S670
TEXAS										
Craig Cartrite Sunray, TX	311.5715	Pioneer P1828AM™	AM,LL,RR2	Poncho 1250	40000	—	—	—	0/0/0	John Deere 1700 MaxEmerge Plus Vacuum, Case IH 2388
Bill Graff Dalhart, TX	294.2283	DEKALB DKC66—74RIB	SSRIB	Acceleron +Poncho 250	32000	Zeal	Acuron, Laudis, Valor Cornerstone Plus	Trivapro	320/80/10	John Deere 1770 NT CCS John Deere S670
Brian Graff Dalhart, TX	292.0877	DEKALB DKC64—34RIB	SSRIB	Acceleron +Poncho 250	32000	Zeal	Acuron, Laudis, Valor Cornerstone Plus	Trivapro	300/60/10	John Deere 1770 NT CCS John Deere S670
UTAH										
Kyle Swallow Fillmore, UT	297.7984	Pioneer P1151AMX™	AMX,LL,RR2	—	39000	Capture LFR	Roundup PowerMax Verdict, Vision	—	240/11/2	John Deere Custom Made John Deere S670
Ross Summers Tremonton, UT	269.4728	DEKALB DKC49—73RIB	VT2PRIB	—	37000	—	—	—	275/25/0	John Deere 1700 MaxEmerge XP John Deere S680
Joseph Summers Tremonton, UT	263.5763	DEKALB DKC52—68RIB	VT2PRIB	—	37000	—	—	—	280/40/0	John Deere 1700 MaxEmerge XP John Deere S680
WASHINGTON										
Roger Danz Mesa, WA	354.2872	Pioneer P0801AM™	AM,LL,RR2	Cruiser 250	34000	—	Dicamba Roundup Max	—	0/0/0	John Deere 7300 MaxEmerge 2 John Deere 9870 STS
Shawn Clausen Warden, WA	310.6826	DEKALB DKC54—38RIB	SSRIB	—	39000	—	AAtrex 4L, Clarity Roundup PowerMax	—	275/0/0	John Deere 1720 MaxEmerge XP John Deere S680
Kurtis Cox Warden, WA	306.3993	Pioneer P0339AMT™	AMT,LL,RR2	—	37000	—	Clarity Roundup	—	300/50/35	John Deere 7300 MaxEmerge 2 John Deere S680
WISCONSIN										
Carla Hargrave Sarona, WI	273.5311	DEKALB DKC54—38RIB	SSRIB	—	38000	—	—	—	250/100/180	Kinze 3600 John Deere S670
Mark Bacon Hancock, WI	268.0747	Pioneer P0506AM™	AM,LL,RR2	PPST 250	35000	—	Credit Extra Parallel	—	295/89/120	John Deere 1725 Integral Stack—Fold, John Deere S680
Matt & Gene Larsen Baraboo, WI	231.6668	AgriGold A6413 STXRIB	STXRIB	—	38000	—	—	—	0/0/0	John Deere 1770 NT CCS John Deere 9770 STS
WEST VIRGINIA										
Todd Widmyer Charles Town, WV	224.7398	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	35000	—	Acuron, Princep, Silkin Roundup PowerMax	—	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660
WYOMING										
Robert Cook Lingle, WY	259.8237	Pioneer P9870AM™	AM,LL,RR2	—	33000	—	Roundup PowerMax Verdict	—	215/50/20	Case IH 1235 Stackbar Early Riser Case IH 8010
Chris Cook Lingle, WY	238.1400	Pioneer P9998AM™	AM,LL,RR2	—	31000	—	Roundup PowerMax Verdict	—	210/50/20	Case IH 1230 Stackbar Early Riser Case IH 8010
Tim Anderson Albin, WY	216.2578	Croplan Seed 2845VT2PRIB	VT2PRIB	Acceleron	30000	—	Cornerstone Plus Sterling Blue	—	180/30/0	John Deere 1700 MaxEmerge Vacuum, John Deere S670

First Place



DON STALL

Charlotte, MI

477.6877 bu./acre

Pioneer P0574AM

Population: 48,500

Harvester: Case IH 8010

SUPERVISORS

Brian Margraf: Ag Loan Officer,
GreenStone FCS

Kelly Aiken: Ag Loan Officer,
GreenStone FCS

It's a contest repeat, and then some, for Don Stall. Last year, he topped this class with a 407 bu./acre yield. This year, he bested that mark by nearly 70 bushels. "It's been an exciting couple of years," he says.

Stall mostly stayed with the same game plan that produced last year's winner. Prior to heading into the field for planting, he went over his planter thoroughly to make sure everything was working as it should be. "We want to get that seed in the ground at the right depth and spaced just right so that we end up with a nice uniform stand," he explains. "Planting is the most important part of the season. If you don't get it in the ground right, you're already sacrificing yield. There's nothing you can do to make up for it during the rest of the season."

He planted his entry field to **Pioneer P0574AM** at a rate of 48,500 seeds/acre. To give the crop an early boost, he placed 26 gallons per acre of a 10-34-0 starter fertilizer with zinc 2 inches below and 2 inches to the side of the seed row. "We're pretty far north and we're often planting into cool, wet soil," he explains. "The starter helps the corn get up out of the ground and off to the races. It also hastens maturity. At harvest, we've found corn will always be a couple of points drier when a starter is used."

Once the crop came up, Stall zeroed in on fertility management, emphasizing timely nutrient applications. At V4, he side-dressed with 50 gallons of 28 percent nitrogen. He then started taking weekly tissue samples to determine how much fertilizer to run on the crop through the drops on his RoGator high-clearance sprayer. At V6, V8, V10 and V12 he made applications of 28 percent nitrogen at 20 gallons per acre. "Last year, we made the applications at V6, V9 and V12," he explains. "We added one more this year to get nutrients out there more consistently. The goal is to make sure the nutrients are always available when the plants need them."

For disease prevention, Stall flew on **Headline Amp** at half brown silk. "We didn't have any serious disease pressure right here, but they had some serious outbreaks of Tar Spot in some nearby counties," he says. "With irrigation, you're putting corn in an environment where there's always the potential for disease. Fungicides give you a way to offset some of the risk."

Yield Builders

- Have the planter in tip-top shape ahead of the season.
- Make nutrients available when they're needed.
- Reduce disease risk with fungicides.

Second Place

MIKE MOYLE

Star, ID

351.1918 bu./acre

Pioneer P1105AM

Population: 40,000

Harvester: John Deere 9600

SUPERVISORS

Kyle Pearson: County
Executive Director, Farm
Service Agency

Farleigh Byers: Soil
Conservation Technician,
NRCS

It takes great weather to make a great yield. Mike Moyle ended up with enough of both this year to earn second-place honors in this class. "We were blessed with a very good growing season," says Moyle, who is making his first appearance in the national contest winner's circle. "We were drier than normal, and we had some very hot days later on around pollination. But our reservoir dams were full coming out of the winter, so we had plenty of water for flood irrigation. In Idaho, that's always the deciding factor."

Moyle sees taking part in the contest as an opportunity to try new products and practices. "We're always fine-tuning and tweaking our operation to find things that will give us more yield," he says. "It could be planting a new hybrid, doing something different with our irrigation tubes or making adjustments in our fertilizer program. When we find something that works in the contest, we put it to use to make our whole farm better."

For a contest hybrid, Moyle opted for **Pioneer P1105AM**, planted at 40,000 seeds/acre. "It was a new number for us," he says. "It's a little taller than I ordinarily like, but we didn't see any problems with lodging. And we obviously couldn't argue with the yield it gave us."

Third Place

TOMMY & VALERIE CARTRITE

Sunray, TX

350.6258 bu./acre

Pioneer P1828AM

Population 44,000

Harvester: Case IH 8240

SUPERVISORS

Marcel Fischbacher:
Extension Agent, Texas
Agrilife Extension Service

Alexa Reed: Extension
Agent, Texas Agrilife
Extension Service

Tommy and Valerie Cartrite last appeared in the national winner's circle in the 2010 contest. This year, they're back with a yield of more than 350 bushels, earning third-place recognition.

The Cartrites' contest entry survived an early season weather scare. "At about V5, we had a hailstorm that stripped the leaves off quite a few of the plants," Tommy relates. "It had us a little concerned. We don't want that crop to ever have even one bad day."

For the remainder of the season, though, the weather was cooperative. "The big thing was we didn't get many 100-degree days," he notes.

The basics of the Cartrites' management program include using a starter fertilizer, side-dressing to place nutrients in spots where plants can use them most efficiently and timely applications of fungicide to keep plants healthier later in the season. They also use Precision Planting technology to generate data that can be used to make decisions with confidence. "A lot of what we're doing now came about from paying close attention to what some of the big names in the contest every year have been doing to get those high yields," he explains. "It (being in the contest) has definitely helped us get better at growing corn."



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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED										
ALABAMA										
Chad Henderson Madison, AL	315.0108	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	35625	—	—	—	288/116/96	John Deere 1790 John Deere S690
Seth More Aliceville, AL	272.7500	DEKALB DKC67-44	VT2P	Acceleron +Poncho 250	30125	—	AAtrex 4L+Atrazine, Resicore Roundup PowerMax	—	300/0/149	John Deere 1720 CCS Stack-Fold John Deere S690
Mike Dee Aliceville, AL	252.5140	DEKALB DKC67-44	VT2P	Acceleron +Poncho 250	31400	—	AAtrex 4L+Atrazine, Resicore Roundup PowerMax	—	300/0/149	John Deere 1720 CCS Stack-Fold John Deere S690
ARKANSAS										
Edna Ashcraft Quin, MO	313.6795	DEKALB DKC70-27RIB	VT2PRIB	A1250	38500	—	—	—	330/115/150	Kinze 3140 John Deere S680
Scott Young Portland, AR	274.7569	DEKALB DKC70-27	VT2P	—	36000	—	—	—	260/90/120	Great Plains 8030 John Deere S670
Paige Catt Corning, AR	252.8191	Pioneer P2089YHR	AVBL,YGCB, HX1,LL,RR2	Poncho 250	34000	—	Atrazine	—	285/100/110	John Deere 1720 MaxEmerge XP John Deere S690
CALIFORNIA										
Doug Ruble Visalia, CA	325.4996	Pioneer P1870AM™	AM,LL,RR2	Cruiser 250	35000	Oberon 4SC	Roundup+Status	Stratego YLD	400/70/150	White 5700 Case IH 2588
Rick Borges Tulare, CA	304.5456	Pioneer P2089AM™	AM,LL,RR2	—	34000	Zeal	Roundup PowerMax Status	Stratego	250/0/0	Case IH 1200 Case IH 2588
Natalie Beaver Isleton, CA	263.7285	Pioneer P1197AM™	AM,LL,RR2	—	34000	Onager	Roundup PowerMax	—	300/50/150	White 8700 John Deere 9500
COLORADO										
Byron Weathers Yuma, CO	294.9189	Pioneer P0801AMXT™	AMXT,LL,RR2	Amplify D +Poncho 1250	30000	—	AAtrex 4L, Acuron Roundup PowerMax	—	320/7/7	Case IH 1230 Stackerbar Early Riser Case IH 9120
Nick Genova Pueblo, CO	291.6587	Pioneer P1828Q™	Q,LL,RR2	Cruiser 250/Raxil	30000	—	—	—	240/120/10	Monosem NG Plus Case IH 1644
Brian Knapp Rocky Ford, CO	287.1728	Pioneer P1311AMXT™	AMXT,LL,RR2	Poncho 1250 +Raxil	30000	Comite	Mad Dog Plus Starane Ultra	—	250/30/5	John Deere 1700 MaxEmerge Plus Vacuum, Case IH 2588
DELAWARE										
Steve Yingling Bridgeville, DE	290.4390	DEKALB DKC62-53RIB	VT2PRIB	Acceleron Poncho 250	36000	—	Lexar	—	350/80/180	Kinze 3400 John Deere 9570 STS
Clarence Dempsey Dover, DE	286.5537	Hubner Seeds H4744RC2P	VT2PRIB	—	33000	Lamcap	Atrazine 4L, Lexar Roundup PowerMax Simazine 4L	Trivapro	0/0/0	John Deere 1770NT John Deere S670
Dawn Collins Laurel, DE	282.7583	Channel 213-19VT2PRIB	VT2P-RIB	Poncho 250	34000	—	Lexar	—	315/30/250	Kinze 3650 Case IH Axial-Flow 7120
FLORIDA										
Kevin Murphy Jasper, FL	295.0914	Pioneer P1847VYHR	AVBL,YGCB, HX1,LL,RR2	Dynasty +Poncho 250	33710	—	Atrazine 4L, Prowl H2O Glyphosate 4	—	280/115/290	Monosem Twin Row John Deere 9870 STS
Ethan Cone Jennings, FL	255.0054	DEKALB DKC62-08	SS	Amplify L +Poncho 250	33824	—	Atrazine 4L Roundup PowerMax	—	240/50/240	Monosem Twin Row John Deere 9870 STS
Dusty Cone Jennings, FL	246.4889	DEKALB DKC62-08	SS	Acceleron +Poncho 250	33794	—	Atrazine 4L Roundup PowerMax	—	240/50/240	Monosem Twin Row John Deere 9870 STS
GEORGIA										
Ken Pierce Sylvania, GA	299.1884	AgriGold A6659 VT2PRO	VT2PRO	—	38000	—	—	—	350/150/250	John Deere 1700 Twin Row John Deere 9660 STS
Jonathan Hitchcock Tennille, GA	275.4163	DEKALB DKC62-08	SS	Acceleron +Poncho 250	39552	Bifenthrin 2EC	Atrazine 90 DF Roundup PowerMax	Trivapro	325/200/325	John Deere 1725 Integral Stack-Fold, John Deere 9670 STS
Clay Harper Fitzgerald, GA	267.7515	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Poncho 250	33500	—	Atrazine 4L Roundup	—	382/183/321	Monosem Twin Row Case IH 7120
IOWA										
Amana Farms Amana, IA	302.0145	Pioneer P1197E	CONV	Poncho 1250 +VOTIVO+Raxil	33500	—	—	—	0/0/0	John Deere DB60 John Deere S680
Kim Dummermuth Elgin, IA	285.7626	Pioneer P1366AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	36000	Force 3.0	Abundit, Realm Q Breakfree ATZ Lite	Approach	250/50/100	John Deere 1770NT John Deere 9560 STS
Mike Lyons Hamburg, IA	246.8970	Pioneer P1477WHR	HX1,LL,RR2	Poncho 1250	34500	—	Atrazine 4L Breakfree ATZ Lite Realm Q	Approch Prima	180/52/30	Case IH 2150 Early Riser Front Fold Case IH 9240

TOP THREE WINNERS BY CLASS

IRRIGATED - CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IDAHO										
Mike Moyle Star, ID	351.1918	Pioneer P1105AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	40000	—	AAtrex 4L Roundup PowerMax	—	337/80/60	Monosem MS Single Row John Deere 9600
Michael Potucek King Hill, ID	321.0573	Pioneer P0157R	RR2	—	39500	Onager	Banvel Roundup PowerMax	—	315/50/50	John Deere 1730 John Deere S670
Nicole Hults Gooding, ID	316.7903	DEKALB DKC52-61RIB	VT2PRIB	—	36500	—	DiFlexx Mad Dog	—	300/50/60	John Deere 1720 MaxEmerge XP John Deere S670
ILLINOIS										
Phillip Friedrich Green Valley, IL	313.1814	DEKALB DKC64-35	VT2P	Poncho 1250 +VOTIVO	38000	—	Bicep, DiFlexx Infantry 4L, Roundup Max	—	300/70/90	John Deere DB66 John Deere S670
David Luepkes Oregon, IL	296.7076	AgriGold A6499 STXRIB	STXRIB	Acceleron +Poncho 250	38500	—	AAtrex Resicore	—	310/92/124	John Deere 1770 NT CCS John Deere 9770 STS
Heather Miller Tammis, IL	296.3188	FS INVISION FS 66ZV1 RIB	VT Double PRO® RIB Complete®	Acceleron +Poncho 250	35900	Lambda-Cy	Acuron	Trivapro	298/112/122	Kinze 3650 John Deere 9670 STS
INDIANA										
Brooks Cardinal Oaktown, IN	334.1131	AgriGold A6659 VT2RIB	VT2RIB	Poncho 500	38000	—	—	—	285/150/200	John Deere 1775NT John Deere S670
Brandon Cardinal Oaktown, IN	330.6469	AgriGold A6659 VT2RIB	VT2RIB	Poncho 500	38000	—	Volley ATZ	—	285/150/200	John Deere 1775NT John Deere S670
Glen Apple Sandborn, IN	328.0985	DEKALB DKC65-20RIB	DG-VT2PRIB	Acceleron +Poncho 250	38000	—	2,4-D, Abundit Cinch ATZ Gramoxone, Impact	—	450/300/300	Kinze 3600 Claas Lexion 740
KANSAS										
Kelby Ross Plains, KS	309.3046	AgVenture AV8614AM™	YGCB,HXX, LL,RR2	Cruiser 250/ Raxil	35000	—	Lexar+Roundup	—	275/10/0	John Deere 1710 Vacuum John Deere S670
Ben Amerin Plains, KS	306.9588	DEKALB DKC70-27RIB	VT2PRIB	—	38000	—	—	—	350/100/0	John Deere 1735 John Deere 9760 STS
Sam Miller Haven, KS	299.9342	Pioneer P2089AML™	AML,LL,RR2	Apron Max +Poncho 250	32000	—	Atrazine+Dual Halex GT	—	325/150/150	Case IH 1250 Front-Fold Early Riser Case IH 7088
KENTUCKY										
Jerry Knott Owensboro, KY	316.4763	DEKALB DKC67-44RIB	VT2PRIB	—	34000	—	2,4-D+Round up	—	325/0/30	Case IH 1250 Front-Fold Early Riser Claas Lexion 750
Kenny Knott Owensboro, KY	315.0696	AgriGold A6499 STXRIB	STXRIB	P500	34000	—	AAtrex+Roundup	—	325/0/60	Kinze 3660 Claas 750
Brandon Hunt Oak Grove, KY	288.4629	DEKALB DKC67-44RIB	VT2PRIB	Poncho 1250	38000	Tundra	Atrazine 4L Capreno, Durango DMA	Trivapro	250/100/100	Case IH 2150 Early Riser Front Fold Case IH 9240
LOUISIANA										
Nathan Lee Tallulah, LA	277.1715	Pioneer P1870YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	—	2,4-D+Roundup AAtrex, Roundup	—	230/50/60	John Deere 1720 John Deere S680
Randy Moroni Winnsboro, LA	275.0079	Pioneer P1870YHR	YGCB,HX1, LL,RR2	—	35000	—	—	—	280/80/120	John Deere 1700 MaxEmerge XP John Deere S670
Nolan Clark Mer Rouge, LA	266.0523	DEKALB DKC70-27	VT2P	Avipel, Apron, Maxim	44000	Prevathon	Atrazine+Metalachlor Glyphosate, Leadoff	Stratego YLD	270/50/75	John Deere 1720 CCS Twin Row John Deere S680
MASSACHUSETTS										
William Llewelyn Northfield, MA	310.4158	Pioneer P9840AMXT™	AMXT,LL,RR2	Poncho 1250 +VOTIVO	50000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
MARYLAND										
Marion Wilson Centreville, MD	292.0208	DEKALB DKC67-44RIB	VT2PRIB	Acceleron	38000	—	AAtrex 4L Corvus	—	300/100/120	John Deere 1770 NT CCS New Holland CR8090
Michael Bostic, Sr. Church Hill, MD	286.6870	Pioneer P1847AML™	AML,LL,RR2	Poncho 1250 +VOTIVO	34100	Lambda T	Lexar Princep 4L	Headline AMP	240/55/150	John Deere 1790 CCS John Deere S670
MAINE										
Jon McCrum Bethel, ME	247.8271	Channel 192-08VT2PRIB	VT2P-RIB	A250	35000	—	Halex GT	—	180/12/200	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9560 STS
David Bell Auburn, ME	226.6374	Channel 194-14	CONV	A250	32000	—	Halex GT	—	200/110/220	John Deere 7200 MaxEmerge 2 Vacuum, John Deere 9550

TOP THREE WINNERS BY CLASS

IRRIGATED - CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
MICHIGAN										
Don Stall Charlotte, MI	477.6877	Pioneer P0574AM™	AM,LL,RR2	PPST 250	48500	—	AAtrex 4L, Realm Q Makaze Yield Pro	—	400/80/5	Case IH 1250 Front-Fold Early Riser Case IH 8010
Jerry & Jane Gallagher Belding, MI	291.4529	Specialty Hybrids 32A886	SSRIB	Acuron	38000	—	—	—	390/70/180	John Deere 1790 John Deere S690
Chad Sowerby Greenville, MI	289.5381	DEKALB DKC52-68RIB	VT2PRIB	—	33497	—	—	—	240/32/124	John Deere 1770NT John Deere S680
MINNESOTA										
Roger Huhn Litchfield, MN	263.6219	Pioneer P0533AM1™	AM1,LL,RR2	AM1/LL/RR2	34200	—	Roundup SureStart	—	160/0/0	Case IH 1250 Pivot Cat Lexion
Paul Beskau Hastings, MN	260.0622	Pioneer P1151AM™	AM,LL,RR2	PPST 250	35000	Counter	Atrazine, Callisto Outlook Roundup PowerMax	Headline AMP	230/17/0	Case IH 1265 Case IH 8230
David Kolb Paynesville, MN	259.8895	Pioneer P0589AM™	AM,LL,RR2	PPST 250	36000	Sniper —	Verdict WideMatch	—	0/0/0	John Deere DB44 John Deere 9870 STS
MISSOURI										
Matthew Cox Scott City, MO	299.3925	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	—	36000	—	—	—	300/30/30	John Deere 1720 MaxEmerge XP John Deere 9670 STS
Dale Ashcraft Quilin, MO	298.8491	DEKALB DKC70-27RIB	VT2PRIB	A1250	39350	—	—	—	315/115/120	Kinze 3140 John Deere S680
Randy Price Chillicothe, MO	291.2420	AgriGold A6579 VT2RIB	VT2RIB	Accelaron	34500	—	—	—	250/100/120	Kinze 3600 Claas Lexion 740
MISSISSIPPI										
Jodie More Aliceville, AL	270.4882	AgriGold A6659 VT2PRO	VT2PRO	—	32180	—	AAtrex 4L+Atrazine, Resicore Roundup PowerMax	—	300/0/149	John Deere 1720 CCS Stack-Fold John Deere S690
Preston Arrington Inverness, MS	269.8721	Pioneer P2089VYHR	AVBL,YGCB, HX1,LL,RR2	Lumivia 250	29000	—	Atrazine Halex GT	—	280/0/200	John Deere 1700 MaxEmerge Plus Vacuum, John Deere S670
Allen Cole Hernando, MS	255.7218	Pioneer P1870VHR	YGCB,HX1, LL,RR2	—	38000	—	—	—	350/0/0	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S690
MONTANA										
Ernie Icopini Hysham, MT	258.2303	Pioneer P9188AM™	AM,LL,RR2	PPST 250 / Raxil	38000	—	Durango, Outlook Roundup RT3 Status, Verdict	—	170/50/30	Monosem NG Plus Case IH 9230
John Yerger Hardin, MT	252.4673	Pioneer P9188AM™	AM,LL,RR2	PPST 250	40000	—	—	—	0/0/0	John Deere 7300 MaxEmerge 2 John Deere S670
Darren Miller Billings, MT	223.8729	DEKALB DKC45-65RIB	SSRIB	BAS 500	35000	—	Roundup PowerMax	—	486/15/6	John Deere 7100 John Deere 9600
NORTH CAROLINA										
Harbert Moore Red Springs, NC	290.9002	DEKALB DKC62-08	SS	—	38000	—	—	—	0/0/0	John Deere 7100 John Deere 9760 STS
Luther Moore Maxton, NC	284.0036	DEKALB DKC62-08	SS	—	38000	—	—	—	0/0/0	John Deere 7100 John Deere 9760 STS
John Hoffner Stanfield, NC	267.7420	Dyna-Gro D58VC65	VT2P	Crusier 1250	35000	Sniper	Atrazine, Gramoxone Halex GT, Makaze	Quilt	250/180/0	John Deere 1795 John Deere S680
NORTH DAKOTA										
Bobby Frauenberg Lamoure, ND	289.6371	DEKALB DKC47-27RIB	DG-VT2PRIB	Jump Start +Poncho 250	40000	Kendo	Harness Roundup PowerMax	—	200/150/150	John Deere DB66 Case IH 9230
Chad Vander Vorst Pollock, SD	273.8092	Pioneer P9404AM™	AM,LL,RR2	PPST 250	38000	—	—	—	325/0/0	Case IH 1265 Case IH 7230
Donna Frauenberg Lamoure, ND	269.6317	DEKALB DKC45-66RIB	VT2PRIB	Jump Start +Poncho 250	35000	Kendo	Harness Roundup PowerMax	—	200/150/150	John Deere DB66 Case IH 9230
NEBRASKA										
Ashton Peterson Bertrand, NE	331.9265	Pioneer P1563AM™*	AM,LL,RR2	Dynasty +Poncho 1250	28500	—	Roundup	—	167/20/0	John Deere 1775NT John Deere S680
Michael Panowicz Cairo, NE	322.3443	Pioneer P1370AM™	AM,LL,RR2	Poncho 1250 +Raxil	34000	—	Resicore	—	250/60/0	Case IH 1230 Stackbar Early Riser Case IH 7240
Bob Panowicz Cairo, NE	316.8823	Pioneer P1370Q™	Q,LL,RR2	—	34000	—	Halex GT	—	275/5/0	Case IH 1230 Stackbar Early Riser Case IH 8230

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED - CONTINUED										
NEW HAMPSHIRE										
Frederick Llewellyn Northfield, MA	256.4360	Channel 203-44STXRIB	SS-RIB	Acceleron +Poncho 250	40000	—	Lumax EZ	—	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum, John Deere 9500
NEW JERSEY										
Garrett Woolf Monroe Township, NJ	262.1905	Pioneer P1442AM™	AM,LL,RR2	Acceleron +Poncho 250	28000	—	Corvus	—	240/0/200	Kinze 3600 Case IH 2388
Matt Santini Phillipsburg, NJ	261.0169	DEKALB DKC64-87RIB	SSRIB	—	40000	—	Acuron, Roundup Mustang MAX	Priaxor	150/50/50	John Deere 1790 CCS John Deere 9670 STS
Stanley Skeba Monroe Township, NJ	252.5147	DEKALB DKC64-35RIB	VT2PRIB	Acceleron	30000	—	—	—	195/0/0	Kinze 3650 Case IH 6140
NEVADA										
Nathan Wadsworth Fallon, NV	261.4566	Pioneer P0805AM™	AM,LL,RR2	—	37000	—	Buccaneer Plus	—	250/0/0	John Deere 7200 MaxEmerge 2 Vacuum, John Deere 9600
Joyce Wadsworth Fallon, NV	216.7991	Pioneer P0805AM™	AM,LL,RR2	—	38000	—	Buccaneer Plus	—	250/0/0	John Deere 7200 MaxEmerge 2 Vacuum, John Deere 9600
NEW YORK										
Paul Campbell Nichols, NY	234.2452	Axis 56h56	GENSSRIB	Acceleron +Poncho 250	41000	—	Roundup Yukon	Headline AMP	80/40/60	John Deere 1750 MaxEmerge XP John Deere 6620
Kassie Voelpel Newfane, NY	225.3800	Pioneer P0157AM™	AM,LL,RR2	PPST 250	34000	—	Acuron Liberty	—	180/70/120	White 9824 Claas Lexion 585-R
OHIO										
Byron Gearhart Chillicothe, OH	299.8064	DEKALB DKC67-57RIB	VT3PRIB	—	36500	—	Harness Xtra 5.6L	Quilt Xcel Tilt	320/150/100	Kinze 3700 Case IH 9230
Jennie Hull Chillicothe, OH	246.1169	DEKALB DKC67-57RIB	VT3PRIB	—	36500	—	Harness Xtra 5.6L	Quilt Xcel Tilt	320/150/100	Kinze 3700 Case IH 9230
OKLAHOMA										
Richard Rathjen Dalhart, TX	316.0005	Pioneer P1197AM™	AMT,LL,RR2	Poncho 1250 +VOTIVO	31000	—	—	—	285/45/10	John Deere 1770NT CCS ProXP John Deere 9770
Nathan Johnson Boise City, OK	298.8931	Pioneer P1370AMXT™	AMXT,LL,RR2	Poncho 1250 +Raxil	31000	—	Balance Flexx	—	300/70/30	John Deere 1775NT John Deere 9650 STS
Todd Mason Goodwell, OK	296.0478	Pioneer P1828AM™	AM,LL,RR2	—	30000	—	—	—	300/80/30	John Deere 1700 MaxEmergePlus John Deere 9660
OREGON										
Joe Taylor Boardman, OR	315.6475	DEKALB DKC62-08RIB	SSRIB	Cruiser +Herculex	37600	—	—	—	280/66/0	John Deere 1760NT John Deere 9760 STS
Dan Mills Stanfield, OR	310.2465	Pioneer P0950AM™	AM,LL,RR2	Poncho 250 +Raxil	38000	—	—	—	300/30/100	John Deere 7300 John Deere 9600
Scott Setniker Independence, OR	290.8154	DEKALB DKC39-27RIB	SSRIB	—	37000	Counter 20 G	AAtrax 4L, Outlook Gly Star Plus	—	275/60/120	Monosem Twin Row Claas Lexion 760
PENNSYLVANIA										
Clifford Charles Lancaster, PA	287.0355	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	36500	—	Acuron Gly Star Plus	Priaxor	275/30/100	Case IH 2150 Early Riser Front Fold Case IH 8010
Jeremy Sands Shippensburg, PA	272.9563	AgriGold A6579 STXRIB	STXRIB	—	34000	—	—	—	316/44/85	John Deere 1760 Drawn Wing-Fold Flex John Deere 9560 STS
Christopher Mast Morgantown, PA	268.0735	Pioneer P1442AM™	AM,LL,RR2	—	33500	Capture LFR	Balance Flexx Brawl II ATZ, Spirit Buccaneer Plus, Status	Trivapro	285/0/0	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9750 STS
SOUTH CAROLINA										
Daniel Garrick Cope, SC	273.3938	Pioneer P1197	CONV	Poncho 250	34000	Perm-Up Sniper	Atrazine, Barrage Impact, Roundup	Trivapro	300/200/300	John Deere 1700 MaxEmerge XP Case IH 7130
Myron Brubaker Olar, SC	231.6960	Pioneer P1197YHR	YGCB,HX1, LL,RR2	—	30000	—	Atrazine DF	—	230/40/130	Case IH 1200 Case IH 2366
Sam Weathers St George, SC	187.5077	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Lumivea	30000	—	Atrazine Generic Roundup	—	300/120/300	John Deere 1720 Case IH 7120
SOUTH DAKOTA										
Kory Standy Platte, SD	292.9403	DEKALB DKC62-97RIB	VT3PRIB	Acceleron	36000	—	Harness Xtra	—	300/55/20	John Deere 1775NT Case IH 6130
Bob Creasey Geddes, SD	286.7866	Pioneer P0919AM™	AM,LL,RR2	Cruiser +Poncho 250	34000	—	—	—	280/80/50	John Deere 1770 NT CCS John Deere 9670 STS

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED - CONTINUED										
Brennen Bird Elk Point, SD	285.5676	DEKALB DKC60-69RIB	DG-VT2PRIB	—	36000	—	—	—	0/0/0	John Deere 1770 NT CCS John Deere S680
TENNESSEE										
Hunter Hooper Brownsville, TN	318.4341	DEKALB DKC70-27	VT2P	Poncho 500	40000	Lambda	Atrazine, Dicamba Halex GT Roundup PowerMax	Trivapro	375/100/150	John Deere 1795 John Deere S680
Julie Hooper Brownsville, TN	312.0266	DEKALB DKC67-44	VT2P	Poncho 500	35000	Lambda	Atrazine, Dicamba Halex GT Roundup PowerMax	Trivapro	375/100/150	John Deere 1795 John Deere S680
Seth Taylor Rives, TN	299.6918	DEKALB DKC64-35	VT2P	—	45000	—	AAtrex+Atrazine Halex GT	—	250/250/250	John Deere 1770NT John Deere S680
TEXAS										
Tommy & Valerie Cartrite Sunray, TX	350.6258	Pioneer P1828AM™	AM,LL,RR2	—	44000	—	—	—	0/0/0	John Deere 1700 MaxEmerge Vacuum Case IH 8240
Kent Cartrite Sunray, TX	346.9714	DEKALB DKC70-27RIB	VT2PRIB	Acceleron 500	43000	—	—	—	600/250/0	John Deere 1700 Case IH 8240
Jody Bezner Texline, TX	304.7309	Pioneer P1197AMT™	AMT,LL,RR2	Iumivia	32500	—	—	—	300/65/10	John Deere 1770NT CCS ProXP Case IH 9230
UTAH										
Travis Nelson Elwood, UT	334.2297	Pioneer P1197AMT™	AM,LL,RR2	—	38000	—	Resolve Q+Roundup	—	400/100/0	Case IH 1255 Front-Fold Early Riser Case IH Axial-Flow 7120
Bart Pali Brigham City, UT	333.8084	DEKALB DKC52-61RIB	VT2PRIB	Poncho 1250	35000	—	Roundup PowerMax	—	300/100/0	Case IH 1200 Case IH 9230
Teresa Pali Brigham City, UT	333.1903	DEKALB DKC52-61RIB	VT2PRIB	Poncho 1250	35000	—	Roundup PowerMax	—	300/100/0	Case IH 1200 Case IH 9230
VIRGINIA										
Brett Wightman Edinburg, VA	275.7693	DEKALB DKC70-27RIB	VT2PRIB	Acceleron +Poncho 250	42000	Ethos XB	Halex	Quilt Xcel Trivapro	260/20/250	John Deere 7200 Conservation John Deere 9700
Robert Newcomb Hanover, VA	267.1043	Pioneer P1870AMT™	AM,LL,RR2	Poncho 1250 +VOTIVO	35800	—	Acuron, Barrage HF Simazat, Vision	—	200/50/300	Kinze 3600 Case IH 8230
JR Newcomb Hanover, VA	253.5027	Pioneer P1442AMT™	AM,LL,RR2	Poncho 1250 +VOTIVO	33600	—	Acuron, Barrage HF Simazat 4L, Vision	—	200/50/300	John Deere 1770 Conservation Case IH 8230
VERMONT										
Caroline Pinto West Rutland, VT	200.8360	DEKALB DKC45-66RIB	VT2PRIB	Acceleron	30000	Capture LFR	AAtrex 4L Acuron	—	160/30/80	John Deere 1750 MaxEmerge Plus Case IH 2388
Jeff Dunklee Vernon, VT	200.7841	Channel 215-83STXRIB	SS-RIB	Acceleron	40000	—	Harness Xtra 5.6L Roundup PowerMax	—	180/40/140	Kinze 3500 Case IH 1460
WASHINGTON										
Ken Goodrich Moses Lake, WA	348.2845	DEKALB DKC52-84RIB	SSRIB	Cruiser	34995	—	Roundup PowerMax	—	0/20/20	Monosem NG Plus 4 John Deere 9610
Scott Gross Warden, WA	344.2163	DEKALB DKC49-72RIB	SSRIB	—	41000	—	Roundup PowerMax	—	223/8/0	John Deere 1720 CCS Stack-Fold John Deere S680
Boe Clausen Warden, WA	337.3720	DEKALB DKC54-38RIB	SSRIB	—	39500	—	AAtrex 4L, Clarity Roundup PowerMax	—	310/0/0	John Deere 1720 John Deere S680
WISCONSIN										
Jeff Laskowski Plover, WI	294.1441	DEKALB DKC58-06	SS	—	38000	—	Cinch ATZ Lite	—	240/60/200	John Deere 1770NT John Deere 9560 STS
Barb Laskowski Plover, WI	289.2061	Pioneer P0533AM1™	AM1,LL,RR2	—	38000	—	Cinch ATZ Lite	—	240/60/100	John Deere 1770NT John Deere 9560 STS
George Andrew Evansville, WI	285.3396	Pioneer P0574AMXT™	AMXT,LL,RR2	VOTIVO	40000	—	—	—	300/100/200	John Deere 1700 Vacuum John Deere S680
WEST VIRGINIA										
Ann Widmyer Charles Town, WV	234.6829	Pioneer P1870AMT™	AM,LL,RR2	Poncho 250	29000	—	Acuron, Princep, Silkin Roundup PowerMax	—	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660
WYOMING										
Travis Freeburg Pine Bluffs, WY	258.2249	DEKALB DKC39-28RIB	VT2PRIB	Acceleron	32500	—	AAtrex 4L, Sterling Blue Cornerstone Plus	—	250/50/0	John Deere 1700 MaxEmerge Vacuum, John Deere S670
Brett Meyer Torrington, WY	252.7334	Pioneer P0306AMXT™	AMXT,LL,RR2	—	40000	—	Abundit, Dicamba Resolve Q	—	0/0/0	John Deere 1760NT Drawn Wing-Fold Rigid John Deere 9670 STS

2018 ENTRIES BY STATE

Affiliated States

Alabama	51
Arkansas.....	142
Colorado.....	133
Georgia.....	56
Illinois.....	789
Indiana.....	349
Iowa.....	1,059
Kansas.....	337
Kentucky.....	135
Louisiana.....	100
Maryland.....	108
Michigan.....	685
Minnesota.....	257
Mississippi.....	127
Missouri.....	251
Nebraska.....	905
New York.....	51
North Carolina.....	215
North Dakota.....	33
Ohio.....	293
Oklahoma.....	42
Pennsylvania.....	80
South Carolina.....	81
South Dakota.....	178
Tennessee.....	154
Texas.....	56
Virginia.....	92
Wisconsin.....	157

Unaffiliated States..... 342

Total Entrants..... 7,258

***Class A** includes all states except Illinois, Indiana, Iowa, Minnesota, Missouri, Ohio and Wisconsin.

Class AA includes Illinois, Indiana, Iowa, Minnesota, Missouri, Ohio, and Wisconsin. **Classes without A or AA** designations comprise all states.

Forty-six states participated in the contest; 57 seed companies were represented. The 417 State Winners planted 66 hybrid numbers. A total of 717 hybrid numbers were planted by 7258 entrants.

Average Yield
Avg. Plant Pop.
Avg. Harvest Pop.

All Entrants

251.100
34,450
33,616

National Winners

349.3888
39,203
38,638

Row Spacing

<30"
30"
36"
38"
40"

% of Entrants

8.59%
86.38%
2.42%
3.00%
0.20%

Average Fertilizer Use

Nitrogen (lbs)
Phosphorus (lbs)
Potash (lbs)
Trace Elements (%)
Manure (%)

All Entrants

221.9049
80.6551
180.49
36.44%
15.20%

National Winners

206.2800
82.3300
80.50
27.00%
11.00%

Timing of Nitrogen Fertilizer Application

Fall (%)
Spring Pre-Plant (%)
At Planting (%)
Side Dress (%)

14.35%
47.38%
44.37%
53.69%

16.00%
44.44%
44.44%
66.66%

Starter (%)

53.73%

88.88%

Surface Applied (%)

61.50%

61.11%

Incorporated (%)

15.78%

38.88%

Irrigation (%)

15.43%

11.11%

Nitrogen/bu. (lbs)

0.92

0.87

Soil Test (%)

63.48%

83.33%

Previous Crop

Corn (%)
Soybeans (%)
Wheat (%)
Alfalfa/Hay (%)
Other (%)

21.00%
64.10%
3.86%
0.85%
10.17%

38.88%
50.00%
0.00%
0.00%
5.00%

2018 ENTRIES BY CLASS*

	# of Entrants
A Non-Irrigated	970
AA Non-Irrigated	1,983
A No-Till/Strip-Till Non-Irrigated	927
AA No-Till/Strip-Till Non-Irrigated	744
No-Till/Strip-Till Irrigated	1,267
Irrigated.....	1,367
Total.....	7,258

Winning Yield

360.8030
388.0654
366.2872
343.0037
360.3356
477.6877



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