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NATIONAL CORN YIELD CONTEST

2016 Winners Guide



NATIONAL
CORN GROWERS
ASSOCIATION

BEST IN THE FIELD

A Message From the President

America's corn farmers once again exceeded expectations in 2016. Continually improving upon farming practices and adopting state-of-the-art technology, they proved that they can continue to grow a bountiful crop, increasing the amount of corn yielded by each acre, year after year.

America's corn farmers undeniably excelled, demonstrating clearly their unparalleled ability to grow a plentiful crop to meet the rising demands of a growing world.

Shattering records, our nation's corn farmers hit an all-time production high of 15.1 billion bushels with a record national average yield of 174.6 bushels per

acre. The farmers who participated in the National Corn Growers Association's National Corn Yield Contest revealed that the higher contest yields seen in recent years are far from an anomaly as well.

In 2016, a second contestant surpassed the 500 bushel-per-acre mark. Trying innovative practices while learning from their peers, these men and women keep pushing the limits of what was once considered possible and our

imaginations of what the future may hold.

The amazing achievements of contest participants serve as indisputable proof of the talent of America's corn farmers as well as the industry that supports them.

On behalf of NCGA and, personally, I thank every entrant for becoming a part of these advances. Participants make a concrete contribution to the library of agronomic

research whether they set a national record or just beat their own best attempts thus far. When taken as a whole, the data contestants report from their fields enable all our nation's farmers to feed and fuel the world in an increasingly sustainable way, preserving both our family farms and our natural resources generations yet to come.

I thank the volunteer contest supervisors and the seed companies that make this contest possible. With out their support and service, this contest would not be possible.

Volunteer supervisors give of their own personal time and energy to ensure our contest's integrity. These crop advisors, extension personnel, financial professionals and government employees give our industry an incredible gift whether they participate in only a few or upwards of a few dozen yield checks.

As they have for many decades now, seed companies demonstrated their enduring commitment to the National Corn Yield Contest in 2016. These companies see the unique and valuable showcase for their many new seed offerings that the spirited competition at the contests core provides. Their generous support enables the contest to continually meet the highest standards of integrity. These unparalleled standards, combined with the joys of vigorous but friendly competition, have allowed the contest to grow for more than five decades at this point.

On behalf of NCGA, I offer our deep gratitude to our 2016 sponsors: BASF Corporation, John Deere and DuPont Pioneer. The steadfast support they generously provide make this guide, along with events and online media recognizing contest winners, possible. This stanch dedication to the continuous improvement of agriculture undoubtedly displays the significance they place upon creating a prosperous and productive future for U.S. farmers.

NCGA and its members ardently applaud the successes of the 2016 winners. The stories shared in this guide offer an in-depth examination of the pioneering practices being developed today that will benefit corn farmers across the country.

The American character can be largely attributed to the independent mavericks that first farmed this land. Today, America's farmers continue in this proud tradition, keeping an eye toward the future while holding dear the traditions of the past. Through their steadfast dedication and resilient strength, they continue to grow American agriculture's future even today.

A grassroots organization at its heart, we at NCGA renew our commitment every year to helping farmers sustainably feed and fuel a growing world. Our dedication, like that of the men and women we serve, remains unwavering as we strive to help America's corn farmers thrive.




Wesley Spurlock, President
National Corn Growers Association

ON THE COVER

Katherine Plessner always keeps her camera close by and couldn't resist this picturesque scene during harvest. She entered "Filling The Semi" in the NCGA photo contest. Plessner and her husband Kent farm near Verona, North Dakota.

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A Healthy Partnership



Wes (left) and Roger Zylstra use no-till and cover crops to increase organic matter.

These growers are implementing practices that improve productivity and soil health.

What happens above ground as the corn crop matures receives the bulk of attention. But producing optimum yields requires a strong foundation. That's why an increasing number of growers are zeroing in on the most basic of agricultural resources—the soil—as they build strategies to improve profitability and ensure sustainability.

“Soil is at the root of success when it comes to growing crops,” says Nick Goeser, director of the Soil Health Partnership (SHP), an initiative of the National Corn Growers Association. “A better functioning soil will produce healthier crops and have more potential for optimal and sustainable yield. It's really that simple.”

Here's how three farmers are implementing strategies that focus

on sustainable farming practices to build soil health and yields.

Make Every Acre Count

Jasper County, Iowa, farmer Roger Zylstra needs no convincing on taking care of soil. Along with managing a contract hog operation (producing 10,000 finished hogs annually), Roger and his son, Wes, grow corn and soybeans on 700 acres. Roughly two-thirds of their acres are designated as highly erodible land (HEL).

“We've always tried to take good care of our ground,” says Roger. “But now, with the farm economy in such rough shape, it's even more important. Land is so expensive. We've decided it doesn't make sense for us to buy or rent any more of it. Instead, our goal is to make the land we already have

more productive. And good soil is going to be more productive than poorer soil.”

Up until two years ago, no-till farming was the Zylstras' primary tool for keeping erosion in check on their HEL acres. “Most years, it's just a better way to farm that kind of ground than deep tillage,” Roger says. “You don't lose as much soil and you don't need as much equipment or labor.”

But the Zylstras were looking for more. “One of the real challenges on our ground here is to build organic matter, and we just weren't doing that fast enough with no-till alone,” says Roger. “We heard people talking about having success using cover crops and decided to give it a try.”

In 2014, the Zylstras planted a cover crop of cereal rye on a 12-acre field going into corn following fall harvest. They followed up with

another planting on the same field a year later, then boosted their cover crop plantings to 350 acres after the 2015 harvest, working with a mixture of oats and rye.

The learning curve, says Roger, has been steep. He and Wes are still in the beginning stages of making key decisions. They include: what cover crop species to plant; when and how to fall apply hog manure without damaging cover crops; how to minimize the impact of cover crops on drain tiles; and when to kill off cover crops ahead of spring planting.

“We’re doing plenty of experimenting, and it’s a pretty slow process,” Roger says. “But that’s fine. The soil has been here a long-time. You don’t make major changes to it overnight.”

The next step in the process for the Zylstras will be collecting hard data that shows whether the steps they’re taking are helping them meet the goals they’ve established. Toward that end, they’ve signed up as a demonstration farm with SHP. As part of a ten-year long project on the Zylstras’ farm, SHP researchers will compare yields, water quality, organic matter and overall soil health on acres planted to cover crops to non-cover crop acres. “Right now, the only thing we have to go on is word of mouth,” says Roger. “The program is designed to give us ways to quantify what’s really happening out here on the land.”



The Zylstras use a drill to plant a cereal rye cover crop following corn and soybean harvest.

Kirk Kimble purchased an air seed drill to get better seed-to-soil contact when planting cover crops.



Complementary Practices Yield Results

Kirk Kimble is convinced a combination of utilizing no-till and cover crops has led to a variety of improvements on his 2,100-acre corn and soybean farm in Marshall County, Illinois. Over the past seven years, along with a “phenomenal” increase in earthworm populations, he has noticed less soil runoff after significant rainfall events and he’s seeing better weed control in most fields.

Perhaps, most important to Kimble, overall yields have been creeping steadily upward. “No, it wasn’t 20 or 30 bushels each year,” he notes. “But we’d get a few bushels one year and then another few bushels the next year. That’s important to keep in mind. If you’re

expecting a big yield bump after a year or two, you’re going to be disappointed. But if you look at it as a long-term process, it will pay off.”

Concerns about soil erosion led Kimble to start planting cover crops. He began with 50 acres of rough and rolling ground that was just coming out of the Conservation

Stewardship Program. Based on what he saw in that first year, he quickly became a cover crops believer. Over the next six years, he progressively increased acres planted to cover crops. Heading into the 2016 planting season, he had converted all but 200 acres.

Introducing cover crops to complement no-till has involved plenty of trial and error on Kimble’s part. A major challenge has been diversifying the types of cover crops he plants. To date, he’s mostly stayed with fall plantings of cereal rye and rapeseed into corn stalks and triticale and rapeseed in soybean stubble.

But he has experimented with other cover crops. “Everything we read tells us that the more species you have out there, the better the response will be,” Kimble says. “But weather comes into play. You have to get that cover crop into the ground early enough so that it gets established before a killing frost so that it overwinters. That limits what crops you can plant.”

Getting good stand establishment poses challenges too. Initially, Kimble tried flying on cover crop seed with an airplane. He also experimented with broadcasting seed with a Hagie high-boy. “It can work,” he says. “But you have to pray for a good rainfall right afterwards or the seed won’t stick.” ►

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To address the issue, Kimble purchased an air seed drill two years ago. “It’s the best way to get the soil to seed contact you need for getting the crop off to a good start,” he says.

Like the Zylstras in Iowa, Kimble signed up to be part of the SHP trial network because it offered a way to put hard numbers to what he was observing. On his farm, one project is designed as a side-by-side comparison of soil health on acres planted to cover crops and acres tilled in the fall over a ten-year period. In another project the SHP is collaborating with the Illinois Corn Growers Association, Waterborne Environmental, Inc., and the University of Illinois to develop two water monitoring stations on Kimble’s farm to gather information on how adopting conservation measures impact water quality. “Once you start doing some of these things, you can see the improvements visually,” he says. “But to really sell people on it, you have to have the data to back it up.”

Kimble plans to use the data collected in the projects to continue educating the four landlords he works with about soil health. “They’re enthused about what I’ve been doing so far,” he says. “The information we’re getting (from SHP) will help me prove to them that I’m taking good care of their soil.”



Kirk Kimble



Jeff (left) and Gordon Smiley tried sorghum and sudan in a 10-way cover crop mix. It was planted following wheat harvest in mid-July.

Plan For Long-Term Gains

Greensburg, Indiana, grower Gordon Smiley is confident the efforts he and his brother, Jeff, have been making to improve soil health on their 1,200-acre farm in recent years will pay off through higher, more sustainable yields over time. Along with corn and soybeans, they manage a 700-sow, farrowing operation that produces 12,000 to 14,000 pigs annually.

The longtime advocates of no-till farming decided to plant a cover crop of radishes on a few fields in 2010 to see if they could make even more progress in keeping erosion in check.

“We’re not on really steep slopes here—zero to four percent—but we still see some erosion,” says Gordon. “We’ve heard estimates that, over the last 100 years in our area, we’ve lost half of our topsoil to erosion. And we’ve read that it can take at least 100 years to produce one inch of topsoil. You don’t have to be a math wizard to figure out we, as producers, can’t continue on this pathway. Once our soil erodes down the creek it’s gone.”

Dry weather kept those first radish crops from taking hold, but the Smileys weren’t deterred. They planted cover crops—this

time radishes and cereal rye—on more fields in the fall of 2011.

When NRCS soil probes taken the following March showed roots were reaching 30 to 38 inches into the soil, the brothers felt they were onto something. “It was our ‘a-ha’ moment,” says Gordon. “It’s so important for those roots to get down deep. Before that, we’d see them go down about four inches and then start moving out horizontally. We kept asking ourselves ‘Why?’

“The cover crops make it possible for the water to penetrate deeper for a reservoir to where the plants can make better use of it during a dry period. You hear people say we have a runoff problem in this country, but what we really have is an infiltration problem.”

The Smileys have seen a big increase in earthworm populations since expanding their soil health efforts.



Since then, the Smileys have been planting cover crops on 100 percent of their acres and have also stepped up the number of acres they no-till. “It’s a good combination for improving soil health,” Gordon notes. “Over the last several years, we’ve seen a tremendous increase in earthworms. And, while it’s really difficult to measure, we think we’re doing a better job of keeping erosion in check.”

The Smileys have also been rethinking nutrient management practices. In the fall of 2011, they discontinued knifing in manure from their hog operation, opting instead to apply nutrients through a no-till dragline system. “We were able to eliminate many of the compaction problems created by the tanker and knives,” explains Gordon. “That’s better for getting the kind of water infiltration we’re looking for.”

The cover crops work hand in hand with their nutrient management program. “We’re feeding those nutrients to a live crop now,” says Gordon. “So the nitrogen we’re applying in the manure is taken up into the plant. It’s then in a stable form, and it’s less likely to wash away.”

The Smileys signed up to be SHP demonstration farmers in 2014. Projects undertaken on their farm include measuring the effects of cover crops on erosion and monitoring nutrient uptake in corn and soybean acres planted to cover crops.

For Gordon and Jeff, the chance to network with growers who share a similar mindset is a major benefit of being in the program. “We like to tell people that we’re not really pioneers when it comes to farming this way,” says Gordon. “We’re just good copiers. We read everything we can, and we talk to other people who are doing these kinds of things. The SHP gives us even more opportunities to get together with some really good people and share ideas about what is and isn’t working on their farms. We’re learning together. It helps everybody out.” ●

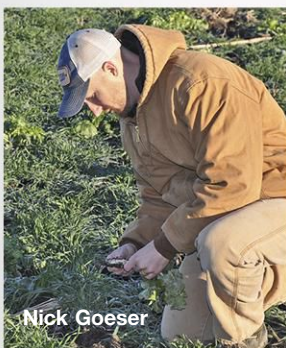
More About The Soil Health Partnership

The Soil Health Partnership (SHP) is an initiative spearheaded by the National Corn Growers Association (NCGA) with partner agricultural companies, food companies, environmental groups, universities and other public agencies.

Now entering its fourth year, the SHP is working with more than 65 farmers in nine Midwestern states to identify, test and measure farm management practices that improve soil health. These practices include growing cover crops, practicing conservation tillage like no-till or strip-till, and using sophisticated nutrient management techniques.

The goal, says SHP Director Nick Goesser, is to quantify benefits of such practices from an economic standpoint and show farmers how keeping soil healthy will benefit their bottom line.

“The number one barrier to getting more farmers to adopt conservation practices is a lack of data that’s needed to develop site-specific



recommendations on how to improve soil health,” says Goesser, who notes that SHP’s goal is to eventually enroll 100 farms as demonstration sites throughout the Midwest. “The data that’s generated will give farmers and their agronomists (consultants) additional tools for linking soil health to crop management, yield, economics and the environment.”

Along with making acres available for research on various aspects of soil health over a five- to ten-year period, farmers who sign up for the SHP agree to participate in the initiative’s annual Soil Health Summit, host an on-farm engagement event (field walk, field day, roundtable discussion, etc.) and talk to the media about the initiative and what they’re doing on their individual farms. “We want to get farmers sharing stories about the potential benefits of these practices as well as about how they’ve learned to avoid some of the barriers and pitfalls that can arise,” says Goesser.

There’s a public relations component to the initiative as well. “Increasingly, there’s greater focus and scrutiny among non-farmers on how farming impacts the environment, particularly water and air quality,” says Goesser. “The information we’re collecting as part of SHP will help producers and the agriculture industry explain what we’re doing to address those concerns.”

To learn more about the program, check out the SHP website at www.soilhealthpartnership.org.

First Place



HEATH CUTRELL Chesapeake, VA

347.2323 bu./acre
DEKALB DKC 64-69
Population: 35,000
Harvester: Case IH 8230

SUPERVISORS

Watson Lawrence: Agent, Virginia State University Cooperative Extension

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

Heath Cutrell isn't wasting any time making a name for himself. Last year, Cutrell grabbed top honors in the Virginia state corn growers contest in this class. This year, he moves into the national winner's circle with a class-topping yield of just over 347 bu./acre.

Cutrell gives most of the credit for his win to Mother Nature. "For the most part, we had perfect weather for growing corn," he says. "At planting, the conditions were ideal. From right after planting until late August, we got plentiful and timely rains."

The season's one weather glitch came in early September when winds from Hurricane Hermine swept through the region. "A lot of corn, including corn in this contest field, was either knocked flat or bent over at a 45-degree angle."

When it came time to harvest the field in mid-October, Cutrell compensated for the wind damage by slowing down with the combine. "I took my time and did everything I could to scoop up every last bit of it," he says. "I just can't help but wonder what the yield might have been if we hadn't had those winds."

Cutrell planted the contest field at a population of 38,000 seeds/acre on April 10. For a hybrid, he chose DeKalb's DKC64-69. "It's an older hybrid that has always done well for me," he says. "Because we're prone to hurricanes, we try to find a corn that has great

standability. This one does well on that count. It's not a real tall corn and the ear placement on it is a little lower, so the wind can't blow the stalk over as easily."

To give the corn a jump start, Cutrell put ten gallons per acre of starter fertilizer (three gallons of fertilizer and seven gallons of water) into the furrow at planting. When the corn reached knee-high, he sprayed with Atrazine and Roundup.

At V7, he used a ground-rig to top-dress with nitrogen and several other nutrients. "We used to wait on the top-dress until just before tassel. But my seed salesman suggested going on a little earlier to see if we could gain a little advantage."

Through the course of the season, Cutrell made it a point to walk his corn ground once every three to four days. "If you do a good job of scouting, you can take control immediately and get ahead of little problems before they become big problems," he says.

The Basics For More Bushels

- ▶ Get an early-season jump with starter fertilizer.
- ▶ Apply nutrients when they're most needed.
- ▶ Scout fields often to head off problems.

Second Place

DREW HAINES

Middletown, MD
324.9316 bu./acre
DEKALB DKC 58-83RIB
Population: 42,000
Harvester: John Deere 9500

The camera on Drew Haines' cell phone got a heavy-duty workout while he was harvesting his contest field last fall. "I was taking picture after picture of the yield monitor," relates Haines. "I couldn't believe the numbers that were popping up on the screen."

The final tally showed a yield of just under 325 bu./acre, earning a second-place award in this class. "I can't remember ever having this much fun in the combine," he says.

Haines views the contest as an opportunity to try new concepts on a small number of acres. Pushing planting populations—to 42,000 seeds/acre—was part of his contest strategy this year. "We plant most of our corn acres at around 37,000," he says. "But we've been increasing the populations on our contest fields each year just to see how far we can go."

He also used the contest to fine-tune his nutrient management program. One example: When the corn was four inches tall he made an application using AgXplore biological products, something he hadn't tried before. "Over the next 30 days, the plants went from four inches to more than 60 inches tall," he says. "It lit the corn on fire. For next year, we're thinking about doing a second application just before tassel."

SUPERVISORS

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

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

Third Place

JOHN GAUSE

Scranton, SC
318.6724 bu./acre
Pioneer P1498AM
Population: 36,000
Harvester: John Deere S670

Producing a top-flight contest yield requires management focus and commitment all the way through a long growing season. Even so, many times it's what happens at either end of the season that spells the difference between a good yield and a contest winner, says John Gause, winner of third place in this class with a yield of more than 318 bu./acre.

John, whose cousin Dan Gause earned a first-place award in the A No-Till/Strip Class, is a self-described "stickler" for getting his 12-row John Deere MaxEmerge planter in tip-top condition as planting time approaches. "We go over it from top to bottom, checking out every little thing," he says. "If you don't get that seed in the ground just right, you'll be playing catch-up for the rest of the season."

His efforts paid off. "Everything came out of the ground together, nice and consistent."

Gause is just as diligent when it comes to readying his John Deere S670 combine for harvest. "We start at the back and work forward, checking all the parts to make sure they're working like they should be," he says. "If they're not, you can lose a lot of bushels pretty quickly."

SUPERVISORS

Andy T. Duncan:
Agent, Clemson University Cooperative Extension

George "Burt" Beasley:
Ag Instructor, East Clarendon 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										
Stuart Sanderson Madison, AL	232.7376	Pioneer P1319	CONV	—	27000	—	Capreno	—	170/60/60	John Deere 1790 John Deere S690
Mike Tate Meridianville, AL	192.2695	Pioneer P1637YHR	YGCB,HX1, LL,RR2	PPST 250	30000	—	Atrazine 4L, Capreno Roundup PowerMax Sterling Blue	—	205/0/0	John Deere DB44 John Deere S680
ARKANSAS										
Lilly Williamson Eads, TN	227.6018	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	—	Atrazine 4L Halex GT	—	220/0/0	Kinze 3600 John Deere 9760
Scott Williamson Eads, TN	227.5737	Pioneer P2160YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	—	Atrazine 4L Halex GT	—	220/0/0	Kinze 3600 John Deere 9760
George Williamson Mellwood, AR	223.5451	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	—	Atrazine 4L Halex GT	—	220/0/0	Kinze 3600 John Deere 9760
CALIFORNIA										
Aaron Beaver Isleton, CA	239.3776	Pioneer P1266AM™	AM,LL,RR2	Poncho 250	33000	—	Roundup PowerMax	—	150/30/30	White 8000 John Deere 9500
COLORADO										
Harry Brinkema Holyoke, CO	153.0286	Pioneer P0157AM™	AM,LL,RR2	—	15000	—	Atrazine Atrazine+Roundup	—	80/40/25	John Deere 1710 John Deere S690
Kirby Atkins Haxtun, CO	148.7217	Pioneer P0506AM™	AM,LL,RR2	Cruiser	14500	—	AAtrax, Clarity Interlock, TripleFLEX Roundup PowerMax	—	75/20/0	White 8122 Case IH 2588
CONNECTICUT										
Dan Logue Woodbury, CT	241.1539	DEKALB DKC58-83RIB	GENSSRIB	Acceleron	35000	—	Dicamba Harness+Roundup	—	160/50/120	Kinze 3500 Case IH 2388
DELAWARE										
Jonathan Snow Smyrna, DE	263.3203	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	37000	Bifenthrin 2EC	Atrazine Roundup, Zidua	Priaxor	300/70/90	John Deere 1770NT John Deere S670
Bill Alfree Middletown, DE	254.8951	DEKALB DKC57-77RIB	GENDGVT2PRIB	Acceleron+ Poncho 250	30000	—	—	—	65/0/0	Kinze 3660 John Deere 9770
Russell Hudson Frankford, DE	234.3828	DEKALB DKC62-08RIB	GENSSRIB	—	35500	—	AAtrax+Harness Roundup	—	200/0/75	John Deere 1790 John Deere 9770 STS
FLORIDA										
Ann McLeod Ochlocknee, GA	203.8852	Pioneer P1529YHR	YGCB,HX1, LL,RR2	Poncho 250	23985	Counter 15 G Karate	Atrazine 4L Dual II Magnum Glyphos Xtra	Priaxor Stratego	195/110/230	Monosem NG Plus John Deere 9500
Judy Copeland Lee, FL	202.1060	Pioneer P1529YHR	YGCB,HX1, LL,RR2	Apron Max+ Poncho 250	21590	Bifenture	Atrazine 4F Gly Star Plus Prowl H2O	Headline AMP Stratego YLD	150/65/190	Monosem NG Plus John Deere 9500
GEORGIA										
Wallace Anderson Ellijay, GA	283.5165	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250	34000	—	Atrazine+Glyphosate	—	135/0/0	John Deere 7000 Conservation John Deere 4420
Jerry Smith Dawsonville, GA	260.5991	DEKALB DKC62-08	GENSS	—	35000	—	Atrazine	—	275/67/86	John Deere 7000 Conservation John Deere 6620
IDAHO										
Chad Haeg Plummer, ID	63.8279	Kussmaul Seeds K1075	CONV	Maxium XL	24000	—	—	—	120/20/50	Case IH 58 Case IH Axial-Flow 8120
KANSAS										
Brad Taylor White Cloud, KS	267.1587	Taylor Seed Farms 8835 VT2PRO	VT2P/RIB	Cruiser MAX	37000	—	Degree Xtra, Impact Roundup PowerMax	Headline	220/100/60	Monosem NG Plus 4 Case IH 7230
Corey Franken Troy, KS	261.6411	Pioneer P1257AM™	AM,LL,RR2	Poncho 1250+Raxil	33000	—	2,4-D LV Exter 6 Autumn Super Generic Roundup, Lexar	—	220/0/0	John Deere 1795 John Deere S670
Jason Taylor White Cloud, KS	261.2953	Taylor Seed Farms 8850 VT2PRO	VT2P/RIB	Cruiser MAX	37000	—	Degree Xtra, Impact Roundup PowerMax	Headline	230/100/60	Monosem NG Plus 4 Case IH 7230

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										
KENTUCKY										
Chris Creech Reynolds Station, KY	255.5984	AgriGold A6659 VT2/RIB	VT2/RIB	Poncho 500	33000	—	Lexar	—	231/115/150	John Deere 1790 CCS John Deere 5670
Reba Griffith Mayfield, KY	248.3532	DEKALB DKC66-59RIB	GENVT2PRIB	Amplify D+ Poncho 250	30000	Sniper	Roundup Warrant	—	200/200/200	John Deere 1795 Claas Lexion 740
Jackie Sparks Owensboro, KY	247.9101	DEKALB DKC62-08RIB	GENSSRIB	Poncho 1250	35000	Bifenture	Acuron Roundup PowerMax	—	270/69/120	John Deere 1770NT CCS ProXP John Deere S680
LOUISIANA										
Lane Gaspard Batchelor, LA	274.4347	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	38000	—	—	—	300/0/0	John Deere 1720 MaxEmerge XP John Deere S680
Marty Gaspard Lettsworth, LA	255.5076	DEKALB DKC62-08	GENSS	Poncho 250	36500	—	—	—	240/30/60	John Deere 1730 John Deere 9870
Gloria Gaspard Batchelor, LA	245.1151	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	38000	—	—	—	250/0/0	John Deere 1720 MaxEmerge XP John Deere S680
MASSACHUSETTS										
Brian Llewelyn Northfield, MA	274.2129	Channel 203-44STXRIB	STX/RIB	Amplify D+ Poncho 1250	42000	—	Lumax	—	303/57/238	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
Matt Parsons Hadley, MA	259.8026	Pioneer P0604AM™	AM,LL,RR2	PPST 250	32000	Ethos XB	Acuron	—	240/3/150	Kinze 2500 John Deere 9500
MARYLAND										
Drew Haines Middletown, MD	324.9316	DEKALB DKC58-83RIB	GENSSRIB	—	42000	—	—	—	320/65/120	John Deere 7200 John Deere 9500
Jarod Smith White Hall, MD	301.4588	Mid-Atlantic Seeds MA8147SS	SS	Accelaron+ Poncho 250	38000	—	2,4-D+Atrazine Gramoxone Extra, Lexar	—	200/50/120	Kinze 3600 John Deere 9770 STS
Gregory Dell Westminster, MD	263.2993	Channel 217-07VT2PRIB	GENVT2PRIB	—	30000	—	Brawl II ATZ Gramoxone SL 2.0	—	220/50/80	White 8180 Forward Fold Flex John Deere S670
MAINE										
James Hilton Norridgewock, ME	221.3441	Channel 192-08VT2PRIB	GENVT2PRIB	AVIPEL	32500	—	Acuron Yukon	—	200/50/120	Great Plains YP-625A Claas Lexion 450
Tyler Bartlett New Gloucester, ME	196.6934	Channel 192-80VT2PRIB	GENVT2PRIB	—	34000	—	Credit Extra	—	0/0/0	White 6100 John Deere 8820
Ryan Crane Exeter, ME	177.2143	Channel 186-31VT2PRIB	GENVT2PRIB	Accelaron+ Poncho 250	32300	—	Halex GT	—	170/47/120	Kinze 3600 John Deere S660
MICHIGAN										
Dale Duckert Imlay City, MI	286.1220	DEKALB DKC49-72RIB	GENSSRIB	Accelaron	34000	Capture LFR	—	—	250/62/100	John Deere 7000 John Deere 9400
William Steinman Peck, MI	271.9163	DEKALB DKC52-04RIB	GENDGVT2PRIB	Accelaron+ Poncho 250	36000	—	Capreno Roundup	—	240/70/250	White 6100 Gleaner R62
Dennis Philpot Deckerville, MI	269.9472	DEKALB DKC50-84RIB	VT2P/RIB	Accelaron+ Poncho 250	34000	—	Verdict	—	175/80/120	White 6100 Case IH 2388
MISSISSIPPI										
Ike Brunetti Shelby, MS	185.8544	AgVenture RL6991HB	HX,LL,RR2	Apron+Cruiser+ Dynasty+Maxium XI	31000	—	Acuron Gramoxone, Induce	—	220/0/0	John Deere 7300 John Deere S680
James Nelms Vaiden, MS	163.6343	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 1250	28000	—	Atrazine	—	200/50/150	John Deere 7100 John Deere 7720
Brandon Huerkamp Macon, MS	157.7512	Pioneer P1319R	RR2	Cruiser 250	28000	—	2,4-D+Round up Atrazine+Roundup	—	240/100/100	John Deere 1720 MaxEmerge XP Challenger 660
MONTANA										
Glenn Rohde Glasgow, MT	124.9091	Mycogen Seeds 2G162	GT	—	15000	—	Roundup PowerMax	—	75/0/0	Kinze 3600 New Holland TR99
NORTH CAROLINA										
Billy Mercer Elizabeth City, NC	260.7014	Pioneer P1794VYHR	AVBL,YGCB, HX1,LL,RR2	Poncho 1250+ VOTIVO	33000	—	Harness	—	231/122/120	Case IH 1235 Stackbar Early Riser Case IH 7140

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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										
Delbert Armstrong Pantego, NC	256.6879	DEKALB DKC67-72	GENVT2P	Poncho 1250	50000	—	—	—	196/46/0	John Deere DB58 John Deere S690
Tyler Sholar Wallace, NC	255.3304	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	29000	Karate	Atrazine Halex GT	Quilt Xcel	150/0/0	John Deere 1700 John Deere 9760
NORTH DAKOTA										
Cara Myers Coffax, ND	289.9727	DEKALB DKC49-72RIB	GENSSRIB	Amplify	34000	—	SureStart	—	220/30/60	White 9800 Narrow Transport Case IH 8230
Cody Frauenberg Lamoure, ND	281.4676	DEKALB DKC45-65RIB	SS/RIB	Acceleron+ Poncho 250, Ascend, Conklin Amplify	41000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline	300/175/300	John Deere DB66 Case IH 9120
Mark Gorder Wahpeton, ND	280.6948	Pioneer 38A56	CONV	—	37500	—	Buctril Harness	—	220/110/100	John Deere 1710 Vertical-Fold John Deere 9860 STS
NEBRASKA										
Mike Scholting Louisville, NE	288.4933	Pioneer P1197AMT™*	AMT,LL,RR2	Poncho 1250+ Votivo	32500	—	AAtrex 4L, Cinch ATZ Generic Roundup	—	265/140/0	John Deere 1770 Front-Fold Flex John Deere 9770 STS
Paul Tighe Homer, NE	274.6479	DEKALB DKC66-87RIB	GENVT2PRIB	Acceleron+ Poncho 250	33750	—	2,4-D Salvo SureStart	—	260/80/25	Kinze 3600 Case IH 6130
Norm Bruner Brainard, NE	270.1592	Pioneer P1197AMT™*	AMT,LL,RR2	Amplify L+ Poncho 1250	32000	—	Lexar+Roundup	—	245/125/0	John Deere 1700 MaxEmergePlus John Deere S680
NEW HAMPSHIRE										
William Llewelyn Northfield, MA	258.3992	Pioneer P9840AM™	AM,LL,RR2	Amplify D+ Poncho 1250	38000	—	Lumax	—	235/37/255	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
NEW JERSEY										
Pat Giberson Pemberton, NJ	273.8542	DEKALB DKC62-08RIB	GENSSRIB	Acceleron	35500	—	Infantry 4L Lumax EZ	—	192/10/120	Kinze 3600 John Deere 9750 STS
Sam Santini Stewartsville, NJ	265.4958	DEKALB DKC64-87RIB	GENSSRIB	Acceleron	40000	—	Atrazine+Lumax	—	300/100/100	John Deere 1790 CCS John Deere S660
Ralph Giberson Pemberton, NJ	244.6571	DEKALB DKC65-19RIB	GENVT3PRIB	Acceleron	34200	—	Infantry 4L Lumax EZ	—	162/10/90	Kinze 3600 John Deere 9750 STS
NEW YORK										
Henry Everman Dansville, NY	282.8377	DEKALB DKC64-87RIB	GENSSRIB	—	34000	—	—	—	245/90/60	John Deere 1770NT John Deere 9770 STS
Lewis Bickle Dansville, NY	265.3897	Pioneer P0843AM™	AM,LL,RR2	Herculex+Lumiva	34000	—	Resolve+Roundup	—	180/70/60	John Deere 1770 Conservation John Deere 7720 Titan 2
Erin Snyder Lockport, NY	258.7529	DEKALB DKC57-75RIB	GENSSRIB	Acceleron+ Poncho 250	37000	Capture LFR	AAtrex, Acuron Roundup PowerMax	Headline AMP Priaxor	285/36/240	John Deere 1790 CCS John Deere S670
OKLAHOMA										
Gayla Ledbetter Okmulgee, OK	217.0974	Pioneer P2089AM™	AM,LL,RR2	Amplify L+ Poncho 250	28500	Besiege	Atrazine 90 DF Glyphos Medal II ATZ	Trivapro	215/50/50	John Deere 1770NT John Deere S670
Michael Killmer Weleetka, OK	212.3919	Pioneer P1602YHR	YGCB,HX1, LL,RR2	—	23000	—	Parallel Plus	—	165/0/12	John Deere 1760 MaxEmerge Plus Vacuum Case IH 2388
Steve Sloan Gore, OK	194.8796	Pioneer P1395AM™	AM,LL,RR2	Amplify D+ Poncho 1250	27500	—	Callisto+Roundup	Approach	175/0/0	John Deere 1770 NT CCS John Deere S670
OREGON										
Wes VanDyke Cornelius, OR	50.1673	Pioneer P0157R	RR2	Cruiser+ Poncho 250	26000	—	Cornerstone Plus Sterling Blue	—	160/60/100	John Deere 7000 Case IH 2188
PENNSYLVANIA										
Richard Alger Lebanon, PA	285.9219	DEKALB DKC62-58	GENVT2P	Acceleron	39050	—	AAtrex + Princep Roundup	—	200/15/90	John Deere 1775NT John Deere S680
Glen Krall Lebanon, PA	280.4247	Pioneer P1197AMXT™	AMXT,LL,RR2	PPST 250	33975	—	Atrazine, Resolve Q Touchdown	—	150/25/30	Kinze 3500 Gleaner R65

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GR



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OW *beyond all expectations.*

When 86 percent of the NCGA's Yield Contest winners use your Plant Health products, that's a win-win.

BASF is proud to support the National Corn Growers Association and the 2016 National Corn Yield Contest. And we're especially grateful to the large number of winners who used our Headline® AMP fungicide, Priaxor® fungicide and Xanthion® in-furrow fungicide to get the Plant Health and disease protection benefits that helped lead to their success. The future of farming is bright in the hands of so many dedicated growers. Here's to a successful 2017!

Grow Smart™ with BASF

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED - CONTINUED										
Linda Krall Lebanon, PA	276.6589	Pioneer P1197AMXT™	AMXT,LL,RR2	PPST 250	37127	—	Atrazine, Resolve Q Touchdown	—	150/25/40	Kinze 3500 Gleaner R65
SOUTH CAROLINA										
William Thomas Cades, SC	323.3604	Pioneer	YGCB,HX1, P1319YHR	Poncho 250 LL,RR2	30000	—	Atrazine 4L Roundup WeatherMax	—	280/96/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
John Gause Scranton, SC	318.6724	Pioneer	AM,LL,RR2 P1498AM™	Poncho 250	36000	—	Atrazine 4L Roundup WeatherMax	—	300/96/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
SOUTH DAKOTA										
Scott McKee Hawarden, IA	288.9184	DEKALB DKC62-97RIB	GENVT3PRIB	GENVT3P, Vt Triple Pro corn	34900	—	AMS+Crop Oil Callisto Xtra Roundup WeatherMax	—	300/85/85	Case IH 955 Vertical-Fold Case IH 1660
Eric Kroupa Pukwana, SD	285.1002	DEKALB DKC62-97RIB	GENVT3PRIB	Poncho 250	32000	—	—	—	250/30/0	John Deere 1710 John Deere S670
Dean Bosse Elk Point, SD	284.5512	Pioneer P1197AM™	AM,LL,RR2	Optimax	33500	—	2,4-D+Round up Laudis	—	180/92/30	Case IH 1250 Front-Fold John Deere 9770 STS
TENNESSEE										
Jeremy Barnes Union City, TN	282.8970	DEKALB DKC67-14	GENVT2P	—	35500	Capture LFR	AAtrex Warrant	—	350/200/200	John Deere 7200 MaxEmerge 2 Vacuum Case IH 8230
Justin Woodall Decherd, TN	252.8262	DEKALB DKC66-59RIB	GENVT2PRIB	Poncho 500	38000	—	Halex GT	—	250/80/120	John Deere 1770NT Claas Lexion 740
Kenneth Barnes Union City, TN	249.0499	DEKALB DKC67-14	GENVT2P	—	35000	Capture LFR	AAtrex Warrant	—	350/200/300	John Deere 7200 MaxEmerge 2 Vacuum Case IH 8230
TEXAS										
Todd Kimbrell Jr Itasca, TX	228.7831	DEKALB DKC62-08	GENSS	Acceleron+ Poncho 250	28000	—	AAtrex, Zidua Roundup PowerMax	—	200/90/50	John Deere 1770NT John Deere S680
Glen Marecek Waco, TX	205.1307	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250+ VOTIVO+Raxil	28000	—	Roundup PowerMax Afla-Guard GR Tebucon 3.6F	—	400/300/0	John Deere 7300 John Deere 7300
Sidney Otahal Corpus Christi, TX	185.6944	DEKALB DKC65-19	GENVT3P	—	38000	—	Atrazine 4F	—	142/18/0	John Deere 1790 CCS John Deere S670
UTAH										
Bart Pali Brigham City, UT	77.3653	DEKALB DKC54-38RIB	GENSSRIB	Poncho 500	26000	—	Roundup UltraMax	—	150/80/0	Case IH 1200 Case IH 9230
VIRGINIA										
Heath Cutrell Chesapeake, VA	347.2323	DEKALB DKC64-69	GENVT3P	Poncho 1250	35000	Mustang MAX	Atrazine+Roundup Headline AMP	—	353/80/186	Case IH 1245 Case IH 8230
David Carlton Mattaponi, VA	268.2100	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	31000	Sniper Tombstone	Atrazine 4L, Salvo Bicep II Magnum Princep 4L, Realm Q Roundup PowerMax	—	250/50/120	John Deere 1790 CCS John Deere S690
Phillip Carr Carrsville, VA	249.7196	DEKALB DKC65-20	GENVT2P	Acceleron+ Poncho 250	34500	—	Bicep II Magnum Roundup	—	340/0/60	KMC Other John Deere 9600
VERMONT										
Theodore Grembowicz North Clarendon, VT	238.1035	DEKALB DKC45-66RIB	GENVT2PRIB	—	32000	Capture LFR	Acuron	—	160/35/90	John Deere 1750 Drawn Conservation Case IH 2388
Alfred Dunklee Vernon, VT	195.1484	Pioneer P0216AM™	AM,LL,RR2	Cruiser 250	41500	—	—	—	180/50/110	Kinze 3500 Case IH 1460
WEST VIRGINIA										
Chris Miltenberger Keyser, WV	255.4842	DEKALB DKC64-87RIB	GENSSRIB	Acceleron + Poncho/Votivo	35000	Lambda-Cy	Dicamba DMA Gly Plus, Resolve Q Headline AMP	—	150/8/2	John Deere 1770NT John Deere S660
Paul Miltenberger Keyser, WV	224.9181	Pioneer P2088AMX™	AMX,LL,RR2	Acceleron + Poncho/Votivo	35000	Lambda-Cy	Dicamba DMA Gly Plus, Resolve Q Headline AMP	—	150/8/2	John Deere 1770NT John Deere S660
Nancy Vetter Moorefield, WV	219.1545	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	31000	Lambda-Cy	Clarity, Dicamba Resolve Q, Roundup	—	180/0/0	John Deere 7000 Conservation Case IH 1688

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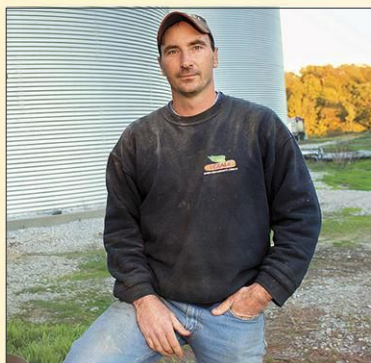
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JOHN DEERE

First Place



KEVIN KALB

Dubois, IN

339.0287 bu./acre
DEKALB DKC 68-26RIB
Population: 46,000
Harvester: Case IH 8230

SUPERVISORS

Kenneth (Kenny) J. Eck: Extension Educator, Purdue University Extension
Tony Sanders: Ag Loan Officer, Old National Bank

The national winner's circle in this class has become familiar territory for Kevin Kalb. Dating back to 2007, he's registered four second-place finishes and captured three first-place awards. "I think I might finally be getting things figured out," he quips.

For this year's contest, Kalb stayed with many of the same practices that have served him well over the years. At planting, he laid a pop-up fertilizer (three gallons per acre of 7-17-3), along with a growth hormone (PGR) and an insecticide (Captive), in-furrow.

To supplement the pop-up, Kalb ran 15 gallons of 32 percent nitrogen, three gallons of 10-34-0 and two gallons of a micronutrient package two inches down and two inches to the side of the seed. "We want to put the nutrients close enough so that the seed doesn't have to go searching for anything."

Kalb also continued a long-time practice of applying granulated sugar at several points during the season. This year, he made six different applications of two pounds per acre each. "It gives the plant a little boost of energy and also helps with insect pressure," he says.

Buying his own Hagie highboy sprayer, and adding Y-drops and a 360 Undercover system, allowed Kalb to "tinker more" with fertility management and fungicide applications this year. "Having our own equipment gave us a lot more flexibility to do things on our schedule rather than waiting on someone else," Kalb relates.

Utilizing the Y-drops, he ran 20 gallons of 32 percent nitrogen and five gallons of sulfur onto the contest field at V6. He also made a pre-tassel application of 40 gallons of nitrogen and eight gallons of sulfur. He used the Undercover System to foliar feed at pre-tassel and make an application of four gallons of Kryptonite at brown silk.

"Before, we were just doing a single application of large amounts of fertilizer all at once," he explains. "A lot of what was put out didn't get utilized. With multiple applications, we can react to the results of our (weekly) tissue sampling and get the nutrients out there when they'll do the most good."

Having the highboy also made it feasible for Kalb to do an additional fungicide application on his contest entry. In previous years, he flew on two applications, one at tassel and one at black silk. This year he added a third application, utilizing the Undercover system, two weeks after brown silk. "We want to keep each plant as healthy as possible all the way through black layer," he notes.

The Basics For More Bushels

- ▶ Place nutrients close to plants.
- ▶ Give plants an energy boost with granulated sugar.
- ▶ Invest in equipment/technology that will improve efficiency.

Second Place

PATRICK HAMMES

Batavia, IA

320.2897 bu./acre
Pioneer P1197AM
Population: 35,000
Harvester: John Deere S650

SUPERVISORS

Jared Schultz: Ag Loan Officer, First Financial Bank
Jackie Hinshaw: Ag Loan Officer, Iowa State Bank

A slow start to the growing season turned into a fantastic finish for Pat Hammes, who planted his contest entry on April 24. "It was fairly dry and stayed that way until the third week of June," he says. "Then it started raining. We never had any big rains, just a half-inch to an inch here and there. And they were timely. "

Looking back, Hammes believes the rain shortfall early on may have actually benefitted the crop. "The roots had to go down deep to find nutrients and the root system got larger as the plants were searching out water," he says. "Once we finally did get the rain, the corn was able to take advantage of it."

A side-dressing of 60 pounds of urea and 10 pounds of sulfur when the corn was chest-high also helped the crop along. "This particular farm is patterned-tilled with high fertility," Hammes notes. "We're trying to do a better job of splitting our nitrogen applications to make sure the plants have nutrients available when they can make use of them. This year, applying fungicide also turned out to be beneficial to the final crop."

Third Place

JOHN RUFF

Monona, IA

313.2838 bu./acre
DEKALB DKC62-08RIB
Population: 36,000
Harvester: John Deere 9560 STS

SUPERVISORS

Adam Weigand: Ag Loan Officer, Freedom Bank
Gayge Samuelson: Ag Loan Officer, Freedom Bank
Dennis Lyons: Ag Loan Officer, Farmers & Merchants Bank

A big assist from Mother Nature propelled John Ruff to a third-place finish in this class. His yield of just over 313 bu./acre was an all-time personal best.

Field conditions were just about perfect when Ruff planted in late April. "We had good moisture and the soil had warmed up nicely," he says. "We had a cold rain a week or so later, and that slowed emergence a bit. But from then on, things were just about ideal. We were getting a half-inch to one-and-a-half inches of rain each week. It couldn't have been too much better," he says.

"Buckets of rain" at times in late August/early September had Ruff wondering about the potential for leaf disease problems. He believes an aerial application of 12 ounces of [Headline Amp](#) in late July (when the corn was tasselling) kept things under control. "We've been bumping up the rates over the past few years to see if we'd get a little more residual protection. This year, it seemed to pay off."

Ruff was impressed with DEKALB DKC62-08RIB, his contest field hybrid. "We had read some good things about it. It wasn't a really tall plant. It just put everything to the ear."

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
AA NON-IRRIGATED										
IOWA										
Patrick Hammes Batavia, IA	320.2897	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	35000	—	—	—	200/0/0	John Deere 1790 John Deere S650
John Ruff Monona, IA	313.2838	DEKALB DKC62-08RIB	GENSSRIB	Acceleron+ Poncho 250	34000	—	Acuron	—	0/0/0	John Deere 7000 John Deere 9560 STS
Tom Adam Fairfield, IA	304.5949	Pioneer P1311AMXT	AMXT,LL,RR2	Poncho 1250	34000	—	Abundit, AMS Atrazine 4F, Realm Q	—	170/100/0	John Deere 1710 Vacuum John Deere 9650
ILLINOIS										
Eric Heaton Ohio, IL	313.2813	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	35500	—	—	—	250/80/105	John Deere 1770NT John Deere S660
Bob Lakey Champaign, IL	310.9349	DEKALB DKC64-87RIB	GENSSRIB	Acceleron+ Poncho 250	40000	—	Roundup PowerMax Verdict	—	280/250/250	John Deere DB90 John Deere S690
James Cecil Rock Island, IL	307.0903	Pioneer P1197AMXT™	AMXT,LL,RR2	—	35000	—	Breakfree Realm Q	—	200/150/200	John Deere 1770NT John Deere S690
INDIANA										
Kevin Kalb Dubois, IN	339.0287	DEKALB DKC68-26RIB	GENVT2PRIB	Acceleron+ Poncho 250	46000	—	Atrazine+Roundup Degree Xtra, Laudis	—	275/0/0	Case IH 1250 Front-Fold Case IH 8230
Terry Hoffman Jasper, IN	287.0602	DEKALB DKC62-78RIB	GENDGVT2PRIB	Acceleron	41000	—	Halex GT Lexar	—	330/0/0	John Deere 1770 NT CCS John Deere 9770 STS
Faith Little Hebron, IN	278.7568	Pioneer P0801AM™	AM,LL,RR2	Dynasty+ Poncho 1250	37000	Defcon 2.1G	Buccaneer Plus Cinch ATZ Status	Headline Headline AMP	264/54/98	John Deere 7200 Case IH 6140
MINNESOTA										
Gary Prescher Delavan, MN	288.6431	Golden Harvest G10S30-3220	AS3220	Cruiser MAX	35000	Force 3G	Dual II Magnum Halex GT	Quilt Xcel Trivapro	200/60/265	John Deere 7100 Case IH 2388
Bonnie Schroeder Elgin, MN	288.2039	DEKALB DKC54-38RIB	GENSSRIB	Acceleron+ Poncho 500	38000	—	Status, Harness Roundup PowerMax	Headline AMP Priaxor	290/46/160	John Deere 1770NT John Deere 9670 STS
Jesse Buesgens Belle Plaine, MN	288.1698	Pioneer P1151AM™	AM,LL,RR2	Poncho 1250+ Raxil	35000	—	Abundit Extra Breakfree	—	180/50/80	John Deere DB60 John Deere 9870
MISSOURI										
George Quinn Chillicothe, MO	264.8691	Pioneer P2089AM™	AM,LL,RR2	1650 High	33000	—	AAtrex+Roundup Lexar	Approch Prima	230/110/150	John Deere DB60 John Deere 680
Brad Schmidt Portage Des Sioux, MO	260.0709	DEKALB DKC62-08RIB	GENSSRIB	Poncho 1250+ VOTiVO	33000	—	Degree Xtra Laudis, Roundup	—	250/50/50	Kinze 3660 Case IH 8120
Thomas White III Norborne, MO	259.7244	Pioneer P1197AM™	AM,LL,RR2	Cruiser 250/Raxil	30000	—	Atrazine+Dual Roundup PowerMax	—	200/0/0	Kinze 3660 John Deere 9760 STS
OHIO										
Aaron Stuckey Archbold, OH	254.0476	Pioneer P0843AM™	AM,LL,RR2	Apron+ Cruiser+Dynasty	34500	—	Abundit Extra Cinch ATZ	—	228/0/0	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9510
Jeff Martin Greenville, OH	246.0433	Specialty Hybrids 42A843	GENSSRIB	Acceleron+ Poncho 250	36000	—	—	—	260/0/0	John Deere 1770NT John Deere S660
Jerry Putnam Conover, OH	241.2489	DEKALB DKC63-60RIB	GENSSRIB	Poncho 250	36000	—	Harness Xtra 5.6L Roundup PowerMax	Fortix	200/100/200	Case IH 1250 Front-Fold Early Riser Case IH Axial-Flow 5088
WISCONSIN										
Jeff Mezera Bagley, WI	288.7136	DEKALB DKC60-69	GENDGVT2P	Cruiser MAX	47000	—	Breakfree ATZ Lite Realm Q Roundup	—	325/0/100	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9770
Julie Mezera Bagley, WI	279.6781	AgriGold A6499 STX/RIB	STX/RIB	Poncho 500+ VOTiVO	47000	—	—	—	325/0/100	John Deere 1780 John Deere 9770
Kevin Bahr Darlington, WI	278.1514	Channel 207-27STXRIB	STX/RIB	Acceleron+ Poncho 500+VOTiVO	36500	—	Status, Acuron Durango	Priaxor	240/85/60	John Deere 1770NT CCS ProXP John Deere S670

First Place



DAN GAUSE
Scranton, SC

346.0533 bu./acre
Pioneer P1916YHR
Population: 35,000
Harvester: John Deere S670

SUPERVISORS

George "Burt" Beasley: Ag Instructor,
East Clarendon High School
Andy T. Duncan: Agent, Clemson
University Cooperative Extension

High yields were a family affair for the Gauses in 2016. Along with a one-two finish for Dan and his son, Daniel, in this class, Dan's cousin, John Gause, notched a third-place in the A Non-Irrigated Class. As icing on the cake, long-time family friend, William Thomas, also picked up a third-place award in this class. "It was a solid team effort this year," says Dan.

Gause points to matching up the right hybrid with his contest field ground as one key to producing a class-winning yield. "We spend a lot of time researching the different varieties," he says. "We pour over results from field trials and spend a lot of time with our seed dealer asking questions about what he's seeing in our area. We also do field trials here on the farm. We can see how different varieties might perform under our specific conditions."

For this particular contest field, **Pioneer's P1916YHR**, planted at 35,000 seeds/acre, was Gause's hybrid of choice. "We planted it the year before, he says. "It's a good yielder, and it does well in drought conditions. That's always a consideration in our part of the country. It also has good standability. That's becoming more important all the time as we push these planting populations higher."

Fertility management is another emphasis point. He's long been a believer in the benefits of taking annual soil samples.

In recent years, he's been relying more and more on variable rate technology to make decisions about lime and P and K placements. "We sample every three to four acres and get a lot of reference points out there," explains Gause. "Over time, we've seen our soil pH even out across our fields."

To give his contest corn an early boost, Gause laid down four gallons per acre of 10-34-0 and 10 gallons per acre of 28S (2" x 2"). Immediately afterwards, he went over the top with 46 gallons of 30 percent nitrogen (150 pounds actual N). At V5, he used a spreader truck to broadcast 250 pounds of a 41-0-0 blend of urea and ammonium sulfate, then spread another 150 pounds of 41-0-0 at V7.

"We used to try to get all of our nitrogen out there at once," says Gause. "But as yields start getting better, timing the applications makes more sense. The plants can make more use of what's being put out there and you don't have as many problems with leeching down past the root zone."

The Basics For More Bushels

- ▶ Match the right hybrid to the right soil.
- ▶ Gather as much information as possible about hybrids for your area.
- ▶ Time nutrient applications to meet plant needs.

Second Place

DANIEL GAUSE
Scranton, SC

345.2789 bu./acre
Pioneer P1498AM
Population: 30,000
Harvester: John Deere S670

The competition to claim rights as the family's best corn grower was fierce, yet friendly, in the Gause household. In the end, Daniel came within a whisker of besting his dad, Dan. The yield difference in their contest entries was less than one bushel per acre. "He got me this time around," says Daniel. "But I'm learning. We'll see what happens next year."

Participating in the contest carries several benefits, says Gause.

"It's all about learning and getting better," he notes. "You have the chance to touch base with other growers—including some of the best growers in the county—and ask questions about what is working and isn't working on their farms."

Being in the contest also gives growers an incentive to try new practices on a just few acres and make a determination on whether they'll work on a more widespread basis.

"A good example from our farm was planting populations," says Gause. "For a long time, we were looking at 28,000 or 29,000 as our upper limit. But then we started pushing up those populations on our contest fields. (His contest field this year was planted at 31,000.) Now we're planting more of our other ground at higher populations and getting better yields."

SUPERVISORS

George "Burt" Beasley:
Ag Instructor, East
Clarendon High School
Andy T. Duncan: Agent,
Clemson University
Cooperative Extension

Third Place

WILLIAM THOMAS
Cades, SC

336.5413 bu./acre
Pioneer P1775YHR
Population: 32,000
Harvester: John Deere S670

It's a harsh truth, universally understood by corn growers: No matter how polished your management skills are, achieving a high yield is all but impossible if you don't get cooperation from Mother Nature.

This year, William Thomas got that cooperation and then some.

"We had a near perfect weather year," he says. "We couldn't have asked for better conditions at planting time. We had good soil moisture and the temperature was about right. The corn looked good when it came out of the ground and took right off."

Just as important to Thomas, rainfall was plentiful throughout the season. "We didn't have a lot of downpours, just a bunch of nice, steady rains. And we got the water when we needed it, including around tasselling. If we had had irrigation, I don't think it could have been much better. The corn was never stressed."

Even with the great weather, Thomas made it a point to scout his corn weekly. "We're always out there looking for something that might need correcting right away," he says. "But we're also on the lookout for things that might turn into problems in the next year so we can start making plans to deal with the situation."

SUPERVISORS

George "Burt" Beasley:
Ag Instructor, East
Clarendon High School
Andy T. Duncan: Agent,
Clemson University
Cooperative Extension

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

ALABAMA

Jason Weber Atmore, AL	229.2623	DEKALB DKC65-19	GENVT3P	Acceleron	28000	Delta Gold Tilt Tundra Supreme	2,4-D+Round up AAtrex Atrazine+Roundup	Priaxor	235/80/130	John Deere 1720 MaxEmerge XP Case IH 2166
Jerry Ward Dozier, AL	199.3545	Pioneer P1319HR	HX1,LL,RR2	—	26000	—	Atrazine, Halex Roundup PowerMax	Priaxor	0/0/0	John Deere 1720 Integral Stack-Fold Case 2577 IH
Gregory Key Arab, AL	166.2493	AgriGold A6499 VT2/RIB	VT2/RIB	—	29250	—	—	—	140/50/90	Great Plains YP-625A John Deere 9410

ARKANSAS

Danny Simpson Rector, AR	223.6028	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	28000	—	Roundup	—	200/80/90	John Deere 1750 MaxEmerge Plus John Deere S690
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COLORADO

Brad Phillips Burlington, CO	169.7631	Pioneer P0157AM™	AM,LL,RR2	Poncho 250	13000	—	—	—	90/12/0	John Deere 1770 Conservation John Deere S670
Rick Seedorf Yuma, CO	165.1141	Pioneer 35F37	RR2	Poncho 1250+ VOTIVO	13000	—	—	—	100/0/0	John Deere 1760 Conservation John Deere 9770 STS
Steve Millage Holyoke, CO	155.0459	DEKALB DKC52-85RIB	GENVT2PRIB	Poncho 250	14000	—	AAtrex 4L	—	100/10/0	Case IH 1250 Front-Fold Early Riser Case IH 7088

DELAWARE

Jessica Snow Smyrna, DE	222.9575	Pioneer P0339AM™	AM,LL,RR2	PPST 250	32500	Bifenthrin 2EC	Roundup Simizit, Status	Priaxor	220/61/72	John Deere 1770NT John Deere S670
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FLORIDA

Roy J Classen Walnut Hill, FL	225.3568	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	29000	Mustang MAX	Atrazine 4L Roundup	Avaris	200/125/125	John Deere 7000 Conservation John Deere 9600
Sam Jones Jasper, FL	206.2158	Pioneer P1529YHR	YGCB,HX1, LL,RR2	Apron Max+ Poncho 250	23970	Bifenture	Atrazine 4F Dual II Magnum Touchdown Total	Headline Stratego YLD	180/90/200	Monosem NG Plus Case IH 1660
Samantha Jones Jasper, FL	190.5589	Pioneer P1529YHR	YGCB,HX1, LL,RR2	Poncho 250	23970	Karate	Atrazine 4L Gly Star Plus Pendimax 3.3	Headline AMP Priaxor	180/75/195	Monosem NG Plus Case IH 1660

KANSAS

Jeff Koelzer Onaga, KS	284.4168	DEKALB DKC60-69RIB	GENDGVT2PRIB	A-500	37000	—	2,4-D+Atrazine Degree Xtra Roundup	Quilt	372/104/60	Case IH 1250 Front-Fold Early Riser Case IH 7230
Clem Koelzer Onaga, KS	279.2971	DEKALB DKC63-60RIB	GENSSRIB	A-500	36000	—	2,4-D+Atrazine Degree Xtra Roundup	Quilt	372/104/60	Case IH 1250 Front-Fold Early Riser Case IH 7230
Roger Rush Highland, KS	247.3719	DEKALB DKC65-81RIB	GENVT2PRIB	Acceleron	31000	—	Atrazine, Halex GT Roundup WeatherMax Salvo	Headline AMP	214/95/60	Kinze 3600 Case IH 7240

KENTUCKY

Kevin Smith Shelbyville, KY	253.1268	Wyffels Hybrids W7736RIB	GENVT2P	Poncho 250	33941	Hero	2,4-D Atrazine, Leadoff Roundup PowerMax	Headline AMP Priaxor	230/160/129	John Deere DB60 John Deere S670
Paul Fullenwider Maceo, KY	251.5516	Pioneer P1197AM™	AM,LL,RR2	Acceleron	32000	Capture LFR Hero	2,4-D LV6, Halex GT Atrazine 90, Atrazine 90 DF Gramoxone SL 2.0	Headline	245/115/150	John Deere 1770NT John Deere 9770
Jerry Griffith Mayfield, KY	242.9269	DEKALB DKC67-72	GENVT2P	Amplify D+ Poncho 250	30000	Sniper	Roundup Warrant	—	200/200/200	John Deere 1795 Claas Lexion 740

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ON-FARM AGRONOMY
TRIALS

UNMATCHED SERVICE
AND SUPPORT

	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

MASSACHUSETTS

Wanda Llewelyn Northfield, MA	285.6001	Pioneer P0157AMX™	AMX,LL,RR2	Amplify D+ Poncho 1250	42000	—	Lumax	—	303/57/238	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
Gene Kosinski Westfield, MA	208.9602	Channel 217-92VT2PRIB	GENVT2PRIB	Acceleron+ Poncho 250	35000	—	Roundup Zidua	—	200/30/130	Kinze 2500 Case IH 7230

MARYLAND

Brad Rill Hampstead, MD	281.5748	DEKALB DKC62-08	GENSS	Poncho 250	33000	Asana XL Sniper	2,4-D LV Ester Atrazine 4L Honcho, Paraquat Prowl, Python	Stratego	215/0/0	John Deere 1770 John Deere S680
Tom Walsh Hampstead, MD	281.4037	Pioneer P1197AM™	AM,LL,RR2	PPST 250	33000	—	2,4-D, Prowl Atrazine, Gramoxone Honcho, Python	Stratego YLD	275/120/150	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9670
Ed Lippy Hampstead, MD	278.1559	DEKALB DKC60-69	GENDGVT2P	Poncho 250	34000	Asana XL Sniper	2,4-D LV Ester Atrazine 4L Honcho, Paraquat Prowl, Python	Stratego	215/0/0	John Deere 1770 John Deere S680

MICHIGAN

Alvin Ferguson Allenton, MI	282.3531	Pioneer P0506AM™	AM,LL,RR2	—	32000	—	Acuron	—	190/75/125	Kinze 3600 Case IH 9240
Lynn Walton Imlay City, MI	278.9760	DEKALB DKC57-75RIB	GENSSRIB	Acceleron	31000	Ethos XB	—	—	250/62/100	Kinze 4900 Case IH 9240
Paula Walton Imlay City, MI	273.7043	DEKALB DKC57-75RIB	GENSSRIB	—	31000	Ethos XB	—	—	250/62/100	Kinze 4900 Case IH 9240

MISSISSIPPI

Justin Hurt Senatobia, MS	259.3065	AgriGold A6659 VT2/RIB	VT2/RIB	Poncho500	37500	—	—	—	235/70/150	Monosem Twin Row John Deere 9670 STS
Joe Huerkamp Macon, MS	153.9299	Pioneer P1319R	RR2	Cruiser 250	28000	—	2,4-D+Roundup Atrazine+Roundup	—	240/100/100	John Deere 1720 MaxEmerge XP Challenger 660
Quinton Graber Brooksville, MS	152.0244	Pioneer	HX1,LL,RR2 P1319HR	Cruiser 250	28000	—	2,4-D+Roundup Atrazine+Roundup	—	210/100/120	John Deere 7100 Folding MaxEmerge John Deere 970

MONTANA

Mitch Auer Broadview, MT	51.9199	Pioneer P7443R	RR2	Raxil	13500	Tombstone Helios	Roundup PowerMax	—	60/0/0	John Deere 7100 John Deere 9770 STS
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NORTH CAROLINA

Ed Wood Andrews, NC	282.6210	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 1250	34000	—	Atrazine 4L Bicep II Magnum Helosate Plus Advanced Peak, Rifle	Priaxor	127/13/0	John Deere 1780 Drawn Rigid Gleaner R52
Keith Wood Andrews, NC	274.9933	DEKALB DKC66-97	GENVT2P	Poncho 1250	31000	—	Atrazine 4L Bicep II Magnum Helosate Plus Advanced Peak, Rifle	Priaxor	127/13/0	John Deere 1780 Drawn Rigid Gleaner R52
Dennis Boerema Pantego, NC	272.4492	Dyna-Gro D52VC91RIB	GENVT2PRIB	Poncho 1250+ VOTiVO	36500	—	Barrage HF Roundup PowerMax Status	Headline AMP	260/55/80	John Deere DB44 Case IH 8120

NORTH DAKOTA

Jamie Gordier Wahpeton, ND	288.4252	Pioneer P0157	CONV	—	38000	—	Buctril Harness	—	200/130/120	John Deere 1710 Vertical-Fold John Deere 9860 STS
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	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

Amy Frauenberg Lamoure, ND	266.0637	DEKALB DKC46-20RIB	VT3P/RIB	Acceleron+ Poncho 250, Ascend, Amplify	38000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline	300/175/300	John Deere DB66 Case IH 9120
Brady Coleman Oakes, ND	242.0632	Legend Seeds LR 9495 VT3PRIB	VT3PRIB	Cruiser MAX	32000	—	Roundup PowerMax Sharpen , TripleFLEX	—	160/65/20	White 9824 New Holland CR9060

NEBRASKA

Marvin and Glenn Wiles Plattsmouth, NE	285.4728	DEKALB DKC63-60RIB	GENSSRIB	Acceleron+ Poncho 250	42500	—	Degree Xtra	—	220/50/25	John Deere 1790 CCS John Deere S670
Aaron Stewart Murdock, NE	284.0881	Pioneer P1197AMT™*	AMT,LL,RR2	Poncho 1250+ VOTIVO	30000	—	Atrazine 4L, Cinch ATZ Generic Roundup	—	250/150/0	John Deere 1790 CCS John Deere 9770 STS
Lonnie Piitz Brainard, NE	265.3852	Pioneer P1197AMT™	AM,LL,RR2	Acceleron+ Poncho 250	26500	—	Resolve+ Roundup	—	175/0/0	John Deere 1700 MaxEmerge XP John Deere 4420

NEW HAMPSHIRE

Mary E Llewellyn Northfield, MA	227.0961	Pioneer P0157AMX™	AMX,LL,RR2	Amplify L+ Poncho 1250	38000	—	Lumax	—	235/37/255	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
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NEW JERSEY

Matt Santini Phillipsburg, NJ	284.7364	DEKALB DKC61-88	GENVT3P	—	40000	—	Guardsman Mustang MAX Roundup, Prowl	—	200/100/100	John Deere 1790 CCS John Deere 9670 STS
Thomas Meyer Pittstown, NJ	274.6577	Hubner Seeds H4663RC2P	GENVT2PRIB	Acceleron	39000	—	Anthem ATZ Mustang MAX	—	200/50/90	John Deere 1775NT John Deere S660
Chris Santini Stewartsville, NJ	263.6561	DEKALB DKC62-08RIB	GENSSRIB	Acceleron	40000	—	Atrazine+Lumax	—	300/100/100	John Deere 1790 CCS John Deere S660

NEW YORK

Matt Kludt Kendall, NY	298.5000	Pioneer P0843AMT™	AM,LL,RR2	Cruiser+Herculex	36500	—	—	—	300/120/300	John Deere 1775NT Case IH 8230
Robert Pawlowski Verona, NY	260.4981	Pioneer P0339AMT™	AM,LL,RR2	—	33000	—	2,4-D+ Round up	—	225/50/12	John Deere 1770NT John Deere 9770
Andrew McIlroy Pavilion, NY	219.8382	DEKALB DKC56-03RIB	GENSSRIB	Acceleron	32000	—	Atrazine 90 WDG Roundup, Yukon	—	205/82/102	John Deere 1750 MaxEmerge XP John Deere 9550

OKLAHOMA

Cody Sloan Gore, OK	203.0679	Pioneer P1751AMT™	AM,LL,RR2	Amplify D+ Poncho 1250	29000	—	Callisto+Roundup	Approach	225/0/0	John Deere 1770 NT CCS John Deere S670
Scotty Herriman S Coffeyville, OK	170.0722	DEKALB DKC64-89RIB	GENVT2PRIB	Acceleron, Poncho 500	30831	—	Corvus	—	185/45/20	Kinze 3650 John Deere 9770 STS

PENNSYLVANIA

David Wolfskill Wernersville, PA	287.3198	DEKALB	GENSS DKC62-08	Poncho 250	36077	Capture LFR	2,4-D Ester Warrior II Atrazine DF, Roundup	Priaxor Acuron	180/0/0	White 8831 Narrow Transport/ Narrow Row Case IH 2388
Richard Kreider Lebanon, PA	273.1151	Pioneer P1197AMT™	AM,LL,RR2	Poncho 1250	35000	—	—	—	250/24/60	John Deere 1780 MaxEmerge Plus Vacuum John Deere 9570 STS
Kristen Grumbine Lebanon, PA	264.4924	Pioneer P1197AMXT™	AMXT,LL,RR2	Cruiser+ Poncho	37000	—	2,4-D+Round up AAtrex + Princep Prowl H20	—	150/0/60	Case IH 1200 Pivot John Deere 9510

SOUTH CAROLINA

Dan Gause Scranton, SC	346.0533	Pioneer	YGC8,HX1, P1916YHR	Poncho 250 LL,RR2	35000	—	Atrazine 4L Roundup WeatherMax	—	300/96/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
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	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

Daniel Gause Scranton, SC	345.2789	Pioneer	AM,LL,RR2 P1498AM™	Poncho 250	30000	—	Atrazine 4L Roundup WeatherMax	—	0/0/0	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
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Cliff Barron Johnsonville, SC	284.7573	Pioneer	YGCB,HX1, P1775YHR LL,RR2	Cruiser 1250	30000	—	Atrazine+Roundup	—	350/100/300	John Deere 1700 MaxEmerge XP John Deere 9670
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SOUTH DAKOTA

Zachary McKee Hawarden, IA	287.2673	Pioneer	AMXT,LL,RR2 P1197AMXT™	PPST 250	34800	Herculex XTRA	AMS+Crop Oil Callisto Xtra Roundup WeatherMax	—	300/85/85	Case IH 955 Early Riser Case IH 1660
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Kurt Hoeft Mellette, SD	275.9962	DEKALB	GENSSRIB	Acceleron+ Poncho 250	32300	—	Roundup PowerMax TripleFLEX	—	165/52/20	Kinze 3700 John Deere S680
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Travis Swisher Groton, SD	270.9673	DEKALB	GENSSRIB	Poncho 1250+ VOTIVO	35500	—	Atrazine Roundup PowerMax TripleFLEX	—	230/112/21	John Deere 1770 NT CCS John Deere 9770 STS
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TENNESSEE

William Davis Sparta, TN	298.1841	AgriGold	STX/RIB	Poncho 1250+ VOTIVO	40000	—	2,4-D LV4 Atrazine 4L, Leadoff Roundup PowerMax	Headline AMP	270/60/120	Kinze 3650 Case IH 8230
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Steve Dixon Estill Springs, TN	267.7369	Pioneer	YGCB,HX1, P2089YHR LL,RR2	Poncho 250	33587	—	AAtrex NineO DF Dicamba, Leadoff Generic Roundup	—	300/120/100	Kinze 3600 Case IH 7140
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Kary & Tracy Robinson Belvidere, TN	250.6179	AgriGold	STX/RIB	—	32000	—	Dual Generic Roundup	—	180/60/90	Kinze 3600 Gleaner S67
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VIRGINIA

Guy Gochenour Woodstock, VA	264.3616	DEKALB	GENDGVT2PRIB	Acceleron	34000	—	Lumax EZ	—	250/0/0	Kinze 3600 John Deere 9560
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Nathan Rosenberger Jeffersonton, VA	257.9921	Pioneer	AM,LL,RR2 P1197AM™	Poncho 250	34500	—	AAtrex 4L+Atrazine Atrazine, Corvus Gramoxone, Roundup PowerMax	Quilt Xcel	220/75/120	Kinze 3500 John Deere 9770
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Mike Farson Vernon Hill, VA	249.3253	Axis	VT2PRIB	Acceleron+ Poncho 250	36000	—	Atrazine+Roundup Halex	—	225/60/90	John Deere 1780 John Deere 9560
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VERMONT

Dan King Vernon, VT	258.4560	Channel	GENVT3PRIB	Acceleron+ Poncho 250	42000	—	—	—	150/50/100	Kinze 3500 Case IH 1460
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WEST VIRGINIA

Jill Justice Daniels, WV	305.5276	DEKALB	GENSS	—	42000	—	2,4-D+ Touchdown	—	400/175/200	John Deere 1700 MaxEmergePlus Claas Lexion 750
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Jay Justice Beckley, WV	300.7462	DEKALB	GENSS	—	40000	—	2,4-D+ Touchdown	—	400/175/200	John Deere 1700 MaxEmergePlus Claas Lexion 750
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James Justice Beckley, WV	291.7937	DEKALB	GENSS	—	40000	—	2,4-D+ Touchdown	—	400/175/200	John Deere 1700 MaxEmergePlus Claas Lexion 750
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WYOMING

Mike Peterson Albin, WY	75.2776	Pioneer	AM,LL,RR2 P8954AM™	Cruiser 250/Raxil	16000	—	Atrazine Glyphosate	—	70/30/0	John Deere 1770NT CCS ProXP John Deere 9770 STS
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Lee Peterson Albin, WY	73.0947	Pioneer	AM,LL,RR2 P8639AM™	Poncho 1250+ Raxil	16000	—	Atrazine+Roundup	—	90/20/0	John Deere 1770 NT CCS John Deere 9770 STS
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First Place



TIM, DAN & JOE DURICK Council Bluffs, IA

333.5025 bu./acre
Pioneer P1751AMT
Population: 31,000
Harvester: John Deere S680

SUPERVISORS

Matt Garst: Ag Loan Officer,
Security National Bank
Rick L. Killion: Ag Loan Officer,
American National Bank

When it comes to the yield contest, the Durick family—Tim and his sons/partners, Dan and Joe—are upwardly mobile. Last year, the Duricks earned second-place honors in this class with a yield of just under 318 bu./acre. This year, they bested that mark by 15 bushels to notch a first-place award.

Things didn't look promising at the start of the growing season. "It was wet and cold when we planted in mid-April, and it stayed that way for the next two weeks," notes Tim. "In May, the weather turned dry. We were thinking we might be headed for a drought. Around the first of June, though, it started raining and it rained all summer long. We didn't have severe storms, and heat was never an issue."

The Duricks continue to take a straightforward approach to growing corn. Emphasis points include high fertility, quality seed and good equipment. "If you have all those in place and get some cooperation from the weather, your chances of coming up with a high yield are pretty good," says Tim.

A few weeks ahead of planting, the Duricks applied anhydrous (180 pounds of actual nitrogen) on their contest field. For planting, they used a John Deere 1770, 24-row planter equipped with trash whippers. "They really help in getting a good stand when you're planting into heavy residue," Tim says.

For a hybrid, the Duricks chose **Pioneer P1751AMT** planted at 32,000 seeds per acre. "It looked good all

season long," says Tim. "It stood up to the wind well and it seemed to have a good disease package."

For weed control, the Duricks sprayed with label rates of Roundup and Acuron at V4. "We had very little weed pressure, so we were able to wait a little and get by with just the one pass," explains Tim.

When the corn was waist-high, the Duricks side-dressed with 100 pounds of actual nitrogen (32 percent). "It's something we like to do on our contest fields to see what kind of yield response we'll get," explains Tim.

At brown silk, the family used a helicopter to fly on the fungicide **Headline Amp**. "We think we can get a little better coverage with the helicopter than we do with an airplane," says Tim.

The Duricks are already plotting strategies for next year's contest. Making multiple applications of fungicide is one of the practices they're considering. "We've seen data that shows some growers are getting a pretty good response," says Tim.

The Basics For More Bushels

- ▶ Plant quality seed.
- ▶ Focus on high fertility.
- ▶ Use good equipment.

Second Place

ROBERT JENSEN Neola, IA

332.7353 bu./acre
DEKALB DKC61-54RIB
Population: 34,000
Harvester: John Deere S660

Producing a contest-winning yield requires doing a bunch of little things just right. Doing a good job of planting tops Robert Jensen's list. "It comes down to getting every seed off to a good start," says Jensen. "We want to ensure every plant has an equal chance of living up to its potential."

With that in mind, Jensen focuses on getting seeds into the ground at just the right depth and spacing. Adding hydraulic down pressure to the planter several years ago has made a big difference. "Now, everything comes up nice and uniform," he says.

Weather during the growing season was a mixed bag. Jensen had planned to plant his contest ground in mid-April, but near-continuous rainfall kept him out of the field for three weeks. At the end of June, the late start turned into a blessing when a hailstorm swept through the area. "A lot of corn that was planted early was already tasselling. It got flattened. Our contest corn wasn't tasselling. It came through in good shape."

After that, the weather straightened out. "We got timely rains, and the crop pulled through. When I saw 300 bushels on the combine yield monitor, it about blew my mind."

SUPERVISORS

Rick L. Killion: Ag Loan Officer,
American National Bank
Matt Garst: Ag Loan Officer,
Security National Bank

Third Place

LUKE MEZERA Bagley, WI

312.1836 bu./acre
DEKALB DKC62-78
Population: 47,000
Harvester: John Deere 9770

Luke Mezera is on his way to becoming a chip off the old block. His dad, Jeff Mezera, has been a frequent winner in a variety of national contest classes over the past two decades.

This year, it's Luke's turn to enter the national winner's circle. His yield of more than 312 bu./acre earns him third-place honors in this class. "He definitely knows corn," Luke says of Jeff. "I'm lucky to have the chance to learn from him."

Luke's winning yield almost didn't happen. He planted his entry in nearly ideal conditions on April 25. "The corn came up in about 12 to 14 days," Luke notes. "Right after that, though, we got hit hard with a frost. The temperature got down to 28 degrees. The corn looked sick and turned yellow. It stayed that way for almost two weeks."

Then the weather turned again. "From then on out, we had really good growing conditions. We were never short on moisture. That pulled us through when we had some extremely hot nights during ear-fill. We think with some cooler nights during that time, we could have put on another 20 to 30 bushels. You always wonder what might have been."

SUPERVISORS

Loralie Burmeister: Crop
Insurance Agent, Badgerland
Financial
Kathy Rielly: Crop Insurance
Agent, Badgerland Financial

	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										
Tim, Dan & Joe Durick Council Bluffs, IA	333.5025	Pioneer P1751AMT™	AMT,LL,RR2	—	31000	—	Acuron	—	200/100/100	John Deere 1790 CCS John Deere S680
Robert Jensen Neola, IA	332.7353	DEKALB DKC61-54RIB	GENSSRIB	—	34000	—	—	—	210/115/54	John Deere 1790 CCS John Deere S660
Tom Vittetoe Washington, IA	295.6438	Pioneer P1197AMT™	AM,LL,RR2	PPST 250	34000	—	—	—	120/0/0	John Deere 1770 NT CCS Case IH 7140
ILLINOIS										
Kevin Kennedy Walnut, IL	289.6933	Pioneer P1197AMT™	AM,LL,RR2	PPST 250	35000	—	—	—	180/0/0	John Deere 1700 MaxEmergePlus Vacuum Claas Lexion 740
Alan Johnston Galva, IL	289.1423	DEKALB DKC60-67RIB	GENSSRIB	—	34000	—	AAtrex 4L, Armezon Roundup PowerMax, Verdict	—	160/75/60	White 9824 John Deere S680
Brad Smith Milledgeville, IL	288.6006	DEKALB DKC63-71RIB	GENSSRIB	Poncho 1250+ VOTIVO	34000	—	Roundup PowerMax Status TripleFLEX	Headline AMP	225/125/150	John Deere 1770 John Deere S680
INDIANA										
Terry Vissing Marysville, IN	288.3517	AgriGold A6499 VT2/RIB	VT2/RIB	Poncho 500	34000	—	—	—	240/90/120	John Deere 1790 CCS John Deere 9670 STS
Robert Little Hebron, IN	277.6443	Pioneer P0825AMT™*	AM,LL,RR2	Poncho 1250+ VOTIVO	38000	Defcon 2.1G	Buccaneer Plus Cinch ATZ, Status Gramoxone Inteon	Headline Headline AMP	264/54/98	John Deere 7200 Case IH 6140
Josh Butt Cory, IN	271.1305	Pioneer P1311AMXT	AMXT,LL,RR2	Poncho 1250+ VOTIVO	32000	—	Atrazine, Dicamba Makaze, Realm Q	Approch Prima Priaxor	230/70/60	John Deere 1770NT John Deere S670
MINNESOTA										
Gary LeVan Elgin, MN	285.1756	DEKALB DKC54-40RIB	GENVT2PRIB	—	33000	—	Roundup WeatherMax TripleFLEX	—	200/100/60	Kinze 3600 John Deere 9670 STS
Chris Sobeck Winona, MN	278.9861	DEKALB DKC58-06RIB	GENSSRIB	Poncho 500	38000	—	Durango DMA N Tense, Surpass	—	250/48/160	Kinze 3600 Case IH Axial-Flow 5088
Joseph & James Schieber Caledonia, MN	265.4797	Pioneer P0157	CONV	PPST 250	35000	—	Atrazine 4L Brawl II Instigate	—	140/60/60	John Deere 1750 Drawn Conservation Case IH Axial-Flow 5088
MISSOURI										
Ralph Ball Fairfax, MO	279.4500	DEKALB DKC64-89RIB	GENVT2PRIB	Acceleron	34000	—	—	—	200/80/50	John Deere 7000 Conservation Case IH 1480
Jeremy Thomas Rocky Comfort, MO	271.0861	DEKALB DKC62-08RIB	GENSSRIB	A500	31500	—	Atrazine Corvus	—	180/0/0	John Deere 1700 John Deere 9660 STS
Anthony Schreiner Chillicothe, MO	264.5463	DEKALB DKC63-33RIB	GENSSRIB	Acceleron	34000	—	—	—	235/0/0	Kinze 3600 John Deere 9770 STS
OHIO										
Doug Swaim Cedarville, OH	276.0699	DEKALB DKC64-87	GENSS	Warden	37500	Capture LFR	Corvus	—	250/100/200	John Deere 1795 Case IH 7230
Dale Stewart Springfield, OH	270.7766	Pioneer P1197AMT™*	AMT,LL,RR2	PPST 250	36000	Perm-Up	Atrazine 90 DF Corvus, Princep DF Roundup PowerMax	—	191/170/239	Kinze 3600 John Deere 9560 STS
Ronald Saum Fort Jennings, OH	234.8329	Great Lakes Hybrids 6530VT3PRIB	VT3PRIB	Poncho 250+ Raxil	34250	—	AAtrex 4L, Dicamba Roundup PowerMax	—	200/65/120	John Deere 1770NT John Deere S660
WISCONSIN										
Luke Mezera Bagley, WI	312.1836	DEKALB DKC62-78	GENDGVT2P	Acceleron	47000	—	Breakfree ATZ Lite Realm Q, Roundup	—	325/0/100	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9770
Jeff Riley Darlington, WI	289.0349	DEKALB DKC63-35RIB	GENVT2PRIB	Acceleron	38500	—	—	—	300/70/120	John Deere 1760NT Case IH 8230
Mike & Judy Berget Darlington, WI	275.5541	DEKALB DKC63-60	GENSS	Acceleron	36000	—	—	—	230/46/60	John Deere 1775NT Cat 780

First Place



RANDY DOWDY

Valdosta, GA

521.3968 bu./acre
AgriGold A6499 STX/RIB
Population: 56,000
Harvester: John Deere S680

SUPERVISORS

William "Hal" Darsey: District Conservationist, NRCS

William Nichols Jr.: Young Farmer Advisor, Berrien Co. BOE

Forrest M. Hill: Soil Conservation Technician, NRCS Services

To say that Randy Dowdy has a knack for working his way into the contest winner's circle is an understatement pure and simple. Since 2010, the first year he entered the contest, Dowdy and members of his family have earned six national first-place awards, placed second six times and captured third-place honors nine times.

In some of those years, the numbers have been out and out eye-popping. In 2014, he set what was then a world-record by producing 503.7 bu./acre in the Irrigated Class. Last year, he repeated his first-place performance with a yield of more than 486 bu./acre in the same class. This year, he moves over to the top spot in this class with a yield of 521 bu./acre, just 13 bushels shy of the current world-record mark registered by Virginia grower David Hula in 2015.

Much of Dowdy's success in the contest is directly linked to following a core set of management practices. "We also rely heavily on God's blessing," he says.

He focuses on planting when soil and environmental conditions are just right and keeps the importance of a uniform stand at the forefront. Dowdy also utilizes soil tests, tissue samples and field records to make decisions on timing nutrient applications. During the growing season, he scouts fields at least once a week to head off potential

problems. "The difference between being a good farmer and being a great farmer comes down to timing and paying attention to the details," he says.

Dowdy utilizes the contest to test new ideas to see how they fit with his basic philosophy. "The contest helps you get better by encouraging you to try some things that you haven't tried before on limited acres. If they work out, you can put them to work on the whole farm."

Planting in 15-inch rows was one of the new things Dowdy tried this year. "We've done soybeans in 15-inch rows and had some good success," he says. "Now we want to see if it will work with corn."

Dowdy adds it will likely take several years to determine if the ultra-narrow row spacing makes sense for more than just his contest acres. "It looked pretty good this year," he says. "But we had very good sunlight throughout the season. Now we want to see how it will do in a year where we have average or below average sunlight."

The Basics For More Bushels

- ▶ Plant when soil conditions are optimum.
- ▶ Scout crops regularly to get ahead of potential problems.
- ▶ Use the contest to try new things.

Second Place

DAVID HULA

Charles City, VA

485.0320 bu./acre
Pioneer P1197AM
Population: 48,000
Harvester: John Deere S670

SUPERVISORS

Matthew Jones: District Conservationist, USDA, Quinton, Virginia

Phil Hickman: Marketing Specialist, Virginia Dept. of Ag & Consumer Services

John Allison: County Agent, Virginia State University Cooperative Extension

Having a team of top-notch advisors has played a big part in David Hula's contest success over the years. Along with a 485 bu./acre yield this year, Hula's contest resume includes two world records—454 bu./acre in 2013 and 532 bu./acre last year—plus a long string of other contest placements dating back nearly two decades.

"You have to surround yourself with knowledgeable people and look to them to provide you with information in their area of expertise. It's the basis for making good decisions," he explains.

Hula's inner circle of advisors includes agronomist Paul Bodenstein, seed company rep Ginny Barnes and fertility specialist Jimmy Ward. Rounding out the team are Phillip Davis, who specializes in biologicals and David's son, Craig, who represents the family's fourth generation on the farm. "I can't imagine where we'd be without them," says Hula.

Hula almost didn't enter the contest this year. Two days before the first contest yield, his mom, Nancy, passed away. "She was such a big part of our Renwood Farms family. The contest just didn't seem that important. Then my dad (Stanley) told me mom wouldn't want me to drop out. She was always so proud of what we were accomplishing. I knew immediately he was right."

Third Place

KRISTEN CORPUS

Hermiston, OR

339.6230 bu./acre
DEKALB DKC62-08RIB
Population: 38,500
Harvester: John Deere 9770 STS

SUPERVISORS

Jill Parker: Ag Loan Officer, Bank of Eastern Oregon

Philip B. Hamm: Professor Plant Pathology, Oregon State University

Kristen Corpus steps into the national contest winner's circle for the first time this year with a yield of just under 340 bu./acre. "It's nice to make it onto the big stage," she says.

Corpus benefited from favorable weather conditions when she put her contest crop into the ground in late April. "It was warmer than normal," she relates. "So things got off to a good start. Probably the big thing this year, though, was that we didn't get the 10 to 15 days of 100-degree plus temperatures we normally get during the season. Instead, we had three or four days of that at most. Otherwise it stayed in the 90s."

Beginning in late-May and continuing until early July, Corpus ran water on the crop several times a week through a center pivot irrigation system. Total water usage was 36 inches. At each watering, she also applied 20 to 30 pounds of nitrogen. Total nitrogen worked out to 259 pounds.

For her contest field hybrid, Corpus chose DEKALB's DKC62-08RIB, planted at 38,500 seeds per acre. "We've used it in the past and it has done very well for us. We especially like the shape of the plant we get with it. The leaves fold down a bit. We think that's better for photosynthesis."



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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED										
ALABAMA										
Nick McMichen Centre, AL	284.9358	DEKALB DKC62-08	GENSS	—	35000	—	Atrazine, Halex GT Roundup	—	300/0/0	John Deere 1770 John Deere 9770 STS
Jeff Tate Meridianville, AL	270.1341	Pioneer P1257YHR	YGCB,HX1, LL,RR2	PPST 250	46000	—	Atrazine 4L, Capreno Roundup PowerMax Sterling Blue	Quilt Xcel	331/0/0	John Deere DB60 John Deere S680
Seth More Aliceville, AL	247.5617	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 250	35300	—	AMS, Leadoff Roundup	—	300/30/40	John Deere 1720 CCS Stack-Fold John Deere S690
ARKANSAS										
Drew Woolverton Pollard, AR	226.5788	Pioneer 33Y74	AM,LL,RR2 P1311AM™	PPST 250	33000	—	Atrazine 90 DF Metalachlor Roundup PowerMax	—	220/80/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9760 STS
Keith Turner Success, AR	219.7151	Pioneer P1602YHR	YGCB,HX1, LL,RR2	Cruiser 250 LL,RR2	34500	—	Atrazine 4L Bicep II Magnum	—	275/100/110	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S690
Steven Haywood Success, AR	217.2656	DEKALB DKC68-26	GENVT2P DKC68-26	Acceleron+ Poncho 250	35000	—	Atrazine 4L Bicep II Magnum	—	290/100/110	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S690
COLORADO										
Paul Evans Towaoc, CO	303.9992	Pioneer 33Y74	CONV	Poncho 1250	34456	—	Atrazine 4L, Dicamba Bicep Lite II Magnum Dual II G Magnum, Glyphosate	—	280/85/125	John Deere 1710 Vacuum John Deere 9870 STS
Gary Melcher Holly, CO	284.5436	Golden Harvest G13N18-3111	AS3111	Avicta	32000	—	—	—	230/112/0	Case IH 1200 Case IH 2588
Jim Lenz Holyoke, CO	282.4567	Pioneer P0801AM™	AM,LL,RR2	—	36000	—	—	—	250/0/0	John Deere 1770 NT CCS John Deere S680
DELAWARE										
Robert Garey Felton, DE	301.6023	Channel 214-00DGV2PRIB	GENDGVT2PRIB	Acceleron+ Poncho 250	36000	—	Halex GT	—	240/0/60	Kinze 3600 Case IH 7230
C Wyatt Harrington, DE	301.4004	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Invigor 8, PPST 250	34000	Capture LFR	Acuron, Bicep Roundup	Headline AMP	280/30/3	Kinze 3500 John Deere 9770 STS
Gary Ockels Milton, DE	286.7227	DEKALB DKC62-08RIB	GENSSRIB	Acceleron	39000	Sniper	Acuron Roundup	—	350/15/230	Case IH 1255 Front-Fold Early Riser Case IH Axial-Flow 7120
FLORIDA										
Jimmy Murphy Jennings, FL	285.4350	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Apron Max+ Poncho 250	35462	Bifenture	Atrazine 4L Dual II Magnum Gly Star Plus	Headline Stratego YLD	240/90/260	Monosem NG Plus John Deere 9500
Craig Bishop Marianna, FL	281.0288	DEKALB DKC66-59RIB	GENVT2PRIB	Amplify+ Cruiser	37000	—	Atrazine+Roundup	—	200/100/200	Monosem NG Plus 4 John Deere S660
Christopher Dietrich Graceville, FL	266.9437	DEKALB DKC62-08	GENSS	A250	35000	Bifenthrin	AAtrax Roundup	Headline AMP	300/50/300	John Deere 1700 Case IH 1680
GEORGIA										
Randy Dowdy Valdosta, GA	521.3968	AgriGold A6499 STX/RIB	STX/RIB	GENESIS AG INVIGOR8	56000	Besiege	Atrazine+Roundup	Headline AMP Priaxor	500/250/400	John Deere 1790 CCS John Deere S680

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

Steve Southern Cartersville, GA	281.1246	DEKALB DKC62-08	GENSS	—	31000	—	—	—	300/100/140	John Deere 1760 Conservation John Deere 9670 STS
Kyle Phillips Fitzgerald, GA	268.5409	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	35500	—	Atrazine	Approach	400/100/140	John Deere 1700 MaxEmerge Vacuum Case IH 2166
IOWA										
Kelly Garrett Arion, IA	289.7270	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	30000	—	Prequel	—	250/300/250	John Deere 1770NT John Deere S680
Robert Adkins Council Bluffs, IA	276.7541	Pioneer P1197AM™	AM,LL,RR2	PPST 250	28000	—	Prequel, Realm Q Roundup	—	160/60/40	John Deere 1760 John Deere 9670 STS
Terry Martin Muscatine, IA	263.0547	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	35000	Aztec 2.1G	Atrazine 4L, Corvus Buccaneer Plus, Status	—	305/106/65	Case IH 1240 Pivot-Transport Early Riser Case IH 2388
IDAHO										
Nicole Hufts Gooding, ID	253.8291	DEKALB	GENSSRIB DKC55-20RIB	Accelaron	39000	—	Durango DMA Makaze, Surpass	—	250/36/40	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S660
David Hufts Gooding, ID	246.3356	DEKALB	GENSSRIB DKC57-75RIB	Accelaron	39000	—	Durango DMA Makaze, Surpass	—	250/36/40	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S660
ILLINOIS										
Brandon Brooks Erie, IL	253.3387	Pioneer P1311AMXT	AMXT,LL,RR2	—	34000	—	Breakfree Realm Q	—	200/150/200	John Deere 1770NT John Deere 9870
Brian Atteberry Carmi, IL	245.8317	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	32000	—	Acetochlor, Atrazine+Calisto Roundup, Stinger	—	250/80/80	John Deere 1770NT John Deere 9860
John Scates Shawneetown, IL	213.5583	Pioneer P1637AM™	AM,LL,RR2	Poncho 250	35000	—	AAtrex, Abundit. Breakfree Hellfire, Realm Q	—	260/250/250	John Deere DB80 John Deere S690
INDIANA										
Craig Williams Oaktown, IN	263.0062	Pioneer P1306WHR	HX1,LL,RR2	Poncho 1250+ VOTIVO	36000	—	Abundit Extra Cinch ATZ, Laudis	Stratego YLD	240/100/150	Kinze 3600 John Deere 9560 STS
Jeff Herrold Wanatah, IN	247.7957	Wyckoff's 2665 GENVT2PRIB	GENVT2PRIB	—	37500	—	Verdict	—	280/70/85	Case IH 1200 Pivot Case IH 2188
Matt Spurgeon Freetown, IN	227.1436	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	28000	—	Bicep II Magnum Halex GT	—	276/92/120	Kinze 4900 Case IH 7230
KANSAS										
Nathan Franklin Atwood, KS	305.8542	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	36500	—	2,4-D+Banvel, Acuron Balance Flexx, Glystar+Roundup	—	350/60/50	John Deere 1770NT John Deere S670
Vern Nightengale Copeland, KS	282.8842	Pioneer P1197AMT™*	AMT,LL,RR2	Poncho 1250	32000	—	Lumax EZ	—	300/0/0	Monosem Twin Row John Deere S670
Steve Bremenkamp Gem, KS	275.2378	Pioneer P0801AMXT™	AMXT,LL,RR2	Mid Rate	28000	—	—	—	250/40/0	John Deere 1770 NT CCS John Deere S670

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

KENTUCKY

Don Halcomb Adairville, KY	262.6784	Pioneer P1602	CONV	PPST 250	35000	—	2,4-D LV4, AAtrex 4L, AMS, Leadoff, Preference, Status Roundup Powermax, Steadfast Q	—	252/45/0	John Deere DB60 John Deere S680
John Griffith Mayfield, KY	251.6998	DEKALB DKC67-72	GENVT2P	Amplify D+ Poncho 250	30000	Sniper	Roundup Warrant	—	200/200/200	John Deere 1795 Claas Lexion 740
Steve Hunt Herndon, KY	248.0006	DEKALB DKC67-72RIB	GENVT2PRIB	Poncho 1250	36000	Tundra	Atrazine Lexar	Stratego YLD	300/150/150	Case IH 1250 Front-Fold Case 9240

LOUISIANA

Boyce Miller Transylvania, LA	247.0590	Pioneer P1739YHR	YGCB,HX1, LL,RR2	—	32000	—	—	—	275/0/0	John Deere 1720 MaxEmerge XP John Deere S690
Christopher Johnson Monroe, LA	245.7984	Pioneer P1311YHR	YGCB,HX1, LL,RR2	—	32500	—	—	—	260/40/50	Case IH 1230 Stackbar Early Riser Case IH 8230
Danny Schexnayder Erwinville, LA	241.2345	DEKALB DKC67-72	GENVT2P	Cruiser Extreme 250+ Poncho 250	43000	Sniper	2,4-D Salvo Atrazine 90 WDG Medal II EC	—	200/30/60	John Deere 1700 MaxEmerge Vacuum John Deere S680

MASSACHUSETTS

Sarah Henry Southampton, MA	241.6229	Channel 209-51VT2PRIB	GENVT2PRIB	Accelaron+ Poncho 250	36500	—	Roundup Zidua	—	240/30/150	Kinze 2500 Case IH 7230
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MARYLAND

Bruce Bartz Denton, MD	311.6199	DEKALB DKC62-08RIB	GENSSRIB	Accelaron	36800	—	AAtrex 4L Halex, Roundup	—	350/150/350	Kinze 3600 John Deere 9870
Edward Appenzeller Jr Millington, MD	272.8002	Axis 64K24	VT2PRIB	Accelaron+ Poncho 250	36000	Lambda-Cy	Zidua	Headline AMP	300/100/100	Kinze 2500 Case IH 7230
Gary King Princess Anne, MD	265.4891	Pioneer P1197AM™	AM,LL,RR2	Cruiser+ Poncho 250	35000	—	Abundit Extra, Barrage Atrazine 4L, Simazat	Approch Prima	250/110/0	Kinze 3660 John Deere 9770 STS

MICHIGAN

Jeff Stuck Marcellus, MI	249.4457	DEKALB DKC55-20RIB	GENSSRIB	Accelaron	36000	—	Halex GT Roundup PowerMax	—	240/12/60	John Deere 1760 John Deere 9550
Ronnie Landis Schoolcraft, MI	233.1746	DEKALB DKC46-36RIB	SS/RIB	—	36000	—	Acuron	—	240/100/250	John Deere 1770NT CCS ProXP John Deere S690
Wayne Waldron Stanton, MI	229.2579	DEKALB DKC46-20RIB	VT3P/RIB	—	28000	—	—	—	175/30/120	John Deere 1770 John Deere 9650 STS

MINNESOTA

Jenna Sobeck Winona, MN	267.8674	DEKALB DKC62-08RIB	GENSSRIB	Poncho 500	38000	—	Durango DMA N Tense, Surpass	—	200/48/160	Kinze 3600 Case IH Axial-Flow 5088
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MISSOURI

JR Bollinger Sikeston, MO	320.4257	Pioneer P1602	CONV	Poncho 1250	55000	Prevathon	Atrazine 4L Bicep II Magnum	Approch Prima	160/43/30	John Deere 1790 CCS John Deere 9760 STS
David Bollinger Sikeston, MO	262.9655	Pioneer P1602	CONV	Poncho 1250	34000	Prevathon	Atrazine 4L Bicep II Magnum	Approch Prima	160/43/30	John Deere 1790 CCS John Deere 9760 STS

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

Jane Cox	244.1259 Delta, MO	Pioneer	AVBL,YGCB, P1637VYHR	— HX1,LL,RR2	33000	—	—	—	250/50/125	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670 STS
MISSISSIPPI										
Carol Hunter	255.1446 Glen Allan, MS	Pioneer P2160YHR	YGCB,HX1, LL,RR2	—	36000	—	Atrazine	—	300/100/100	John Deere 1700 MaxEmergePlus John Deere S690
Scott Hunter	254.8337 Glen Allan, MS	Pioneer P1197YHR	YGCB,HX1, LL,RR2	—	55000	—	Atrazine	—	300/0/0	John Deere 1700 MaxEmergePlus John Deere S690
Jack Huerkamp	163.4865 Macon, MS	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	—	2,4-D+Round up Atrazine+Roundup	—	260/100/100	John Deere 1720 MaxEmerge XP Challenger 660
MONTANA										
Tom Robertus	243.5443 Laurel, MT	Pioneer P9188AM™	AM,LL,RR2	Cruiser Extreme 250+ Poncho 250	37000	Capture	Roundup	—	260/60/40	John Deere 1700 Integral Rigid Case IH 1680
NORTH CAROLINA										
Felton Outland	277.1193 Sunbury, NC	DEKALB DKC67-72	GENVT2P	Poncho 250	34000	Karate	2,4-D+Touchdown Atrazine+Touchdown	—	300/50/225	John Deere 1720 MaxEmerge XP John Deere S680
Larry Naylor	249.5634 Clinton, NC	Pioneer P2160YHR	YGCB,HX1, LL,RR2	Poncho 1250+ VOTIVO	34000	—	Acuron Atrazine	—	105/0/0	John Deere 1700 John Deere S670
Danielle Matthews	238.6125 East Bend, NC	DEKALB DKC66-59RIB	GENVT2PRI	Invigor8	38000	—	Bicep II, Gramoxone Inteon Resolve Q+Roundup	—	300/125/300	John Deere DB44 John Deere S680
NORTH DAKOTA										
James Frauenberg	287.8383 LaMoure, ND	DEKALB DKC46-79RIB	GENSSRIB	Jump Start+ Poncho 250, Acceleron, Ascend, Conklin	41000	Kendo	Armezon Pro Atrazine 4L Roundup PowerMax	Headline	300/175/300	John Deere DB66 Case IH 9120
John Quandt	273.1614 Oakes, ND	Pioneer P0533AM1™	AM1,LL,RR2	—	35000	—	Acuron Roundup PowerMax	—	250/40/20	White 9824 Case IH 9230
Scott Wettstein	247.6274 Lidgerwood, ND	DEKALB DKC46-79RIB	GENSSRIB	Amplify D+ Poncho 1250	38000	—	Harness Xtra, Laudis Roundup PowerMax	—	200/15/8	John Deere 1770NT CCS ProXP John Deere 9770 STS
NEBRASKA										
Dennis Abels	288.9793 Amherst, NE	Pioneer P1311AM™	AM,LL,RR2	Cruiser 250/Raxil	31000	—	Aim, Atrazine 4L Bicep, Halex GT	—	270/65/17	John Deere 7300 Conservation John Deere 9770 STS
Roger Olson	286.7480 Firth, NE	Pioneer P1751AMT™	AMT,LL,RR2	Amplify D+ Poncho 1250	36000	—	AAtrex, Cinch ATZ, Instigate Realm Q, Roundup PowerMax	—	275/0/0	John Deere 1770 NT CCS John Deere S670
Scott Ford	283.9254 Bertrand, NE	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	33000	—	Abundit, Atrazine, Prequel Roundup PowerMax	—	220/0/0	John Deere DB60 John Deere S660
NEW JERSEY										
Dominick Santini	263.2131 Phillipsburg, NJ	DEKALB DKC62-97RIB	GENVT3PRI	—	40000	—	Guardsman, Mustang MAX Prowl, Roundup	—	200/100/100	John Deere 1790 CCS John Deere 9670 STS
Jeffrey Barlieb	262.9071 Stewartsville, NJ	DEKALB DKC62-08RIB	GENSSRIB	—	40000	—	Atrazine+Lumax	—	300/100/100	John Deere 1790 CCS John Deere S660

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED - CONTINUED										
NEW MEXICO										
Jared Gordon Dalhart, TX	320.0837	Pioneer P1197AMT™*	AMT,LL,RR2	Poncho 1250+ VOTIVO	31800	—	—	—	300/35/20	John Deere 1770 NT CCS Case IH 8230
OHIO										
Matthew Funderburgh North Lewisburg, OH	256.3490	Pioneer P1197AMT™	AM,LL,RR2	PPST 250	33000	Bifenthrin 2EC	Abundit Extra Atrazine 90, Instigate	—	180/120/120	John Deere 1790 CCS John Deere 9660 STS
Mike Funderburgh North Lewisburg, OH	230.0460	Pioneer P1197AMT™	AM,LL,RR2	PPST 250	33000	Bifenthrin 2EC	Abundit Extra Atrazine 90 DF, Instigate	—	190/175/131	John Deere 1790 CCS John Deere 9660 STS
OKLAHOMA										
Austin Sage Texline, TX	323.2156	Pioneer P0801AMT™	AM,LL,RR2	—	33500	—	—	—	300/55/50	John Deere 1770NT CCS ProXP John Deere 9660 STS
Abel DeBoer Felt, OK	317.8987	Pioneer P1197AMT™*	AMT,LL,RR2	Poncho 1250+ VOTIVO	32000	—	—	—	295/30/15	John Deere 1770 NT CCS John Deere 9770
Jerod McDaniel Texhoma, OK	285.5782	Pioneer P1197AMT™*	AMT,LL,RR2	—	30000	—	—	—	260/60/0	John Deere 1710 Max Emerge John Deere 9750
OREGON										
Kristen Corpus Hermiston, OR	339.6230	DEKALB DKC62-08RIB	GENSSRIB	Acceleron+ Poncho 250	38500	—	Armezon Pro Roundup PowerMax Verdict	—	266/40/195	John Deere 7340 John Deere 9770 STS
PENNSYLVANIA										
Rhoda Mast Morgantown, PA	272.7050	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250	33600	—	—	—	236/0/0	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9600
Gavin Mast Morgantown, PA	247.1165	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250	33500	Province	Balance Flexx Brawl II ATZ Gramoxone Extra	Trivapro	236/0/0	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9600
SOUTH CAROLINA										
Daniel Garrick Cope, SC	293.4046	Dyna-Gro D58VC37	GENVT2PRO	Cruiser 250	34000	—	—	—	300/120/250	John Deere 7240 MaxEmerge Case IH 7130
Tate Jameson Orangeburg, SC	286.8451	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Amplify L+ Poncho 250	38000	Counter 20 G	Atrazine 90 WDG Impact, Roundup PowerMax	Approch Prima	225/30/100	John Deere 1700 MaxEmerge XP Case IH 7140
Daniel Garrick Cope, SC	275.0880	Dyna-Gro D57VP51	GENVT3P	Amplify+ Poncho 250	34000	Perm-Up	2,4-D+Round up AAtrex+Roundup Impact	Quilt Xcel	300/120/250	John Deere 1700 MaxEmerge XP Case IH 7130
SOUTH DAKOTA										
Val Mosel Pukwana, SD	289.9684	DEKALB DKC60-67RIB	GENSSRIB	Poncho 250	32000	—	—	—	210/30/5	John Deere 1710 John Deere S680
Darren Mosel Chamberlain, SD	283.7911	DEKALB DKC62-97RIB	GENVT3PRIB	Poncho 250	32000	—	—	—	210/30/8	John Deere 1710 John Deere S680
Samuel Waldner Huron, SD	268.9727	Pioneer P0589AMT™	AM,LL,RR2	PPST 250	31000	—	Keystone WideMatch	—	200/50/30	John Deere DB60 John Deere 9770 STS
TENNESSEE										
John Verell Jackson, TN	327.9815	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	33500	—	Atrazine, Halex GT Leadoff, Roundup	Quilt Xcel	350/92/150	John Deere 1795 John Deere 5680

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

Rachel Taylor Woodland Mills, TN	274.7253	DEKALB DKC66-59RIB	GENVT2PRIB	Poncho 500	30000	—	—	—	350/150/150	John Deere 1770NT John Deere S670
Mike Robinson Belvidere, TN	271.5184	Pioneer P2089YHR	YGCB,HX1, LL,RR2	PPST 250	31800	—	AAtrex+Roundup Dicamba	—	200/70/70	Kinze 3600 Gleaner S67
TEXAS										
Kent Gordon Dalhart, TX	310.4837	Pioneer P1311AMXT	AMXT,LL,RR2	Cruiser 250/Raxil	32000	—	—	—	300/35/20	John Deere 1770 NT CCS Case IH 8230
Bill Graff Dalhart, TX	295.9106	DEKALB DKC66-59RIB	GENVT2PRIB	Acceleron+ Poncho 250	34000	Oberon 4SC	Balance Flexx Capreno, Charger Max Roundup PowerMax	Stratego YLD	310/70/20	John Deere 1770 NT CCS John Deere S670
UTAH										
Lynn Summers Tremonton, UT	269.0879	DEKALB DKC49-72RIB	GENSSRIB	—	38000	—	—	—	250/0/0	John Deere 1700 MaxEmerge XP John Deere S680
Lee Summers Tremonton, UT	264.2882	DEKALB DKC52-84RIB	GENSSRIB	—	38000	—	—	—	250/0/0	John Deere 1700 MaxEmerge XP John Deere S680
Joseph Summers Tremonton, UT	258.3397	DEKALB DKC54-38RIB	GENSSRIB	—	38000	—	—	—	250/0/0	John Deere 1700 MaxEmerge XP John Deere S680
VIRGINIA										
David Hula Charles City, VA	485.0320	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	48000	Prevathon Tombstone Helios	Bicep II, Halex GT Roundup, Sencor	Headline AMP Priaxor	500/110/450	John Deere 1770NT John Deere S670
Gary Martin Hanover, VA	247.2787	Pioneer P1637AM™	AM,LL,RR2	—	30000	—	AAtrex 4L Cinch+Roundup Instigate, Simazine	—	250/30/240	Kinze 3600 John Deere S670
WISCONSIN										
Mark Bacon Hancock, WI	277.1900	DEKALB DKC53-56RIB	GENSSRIB	Acceleron+ Poncho 250	33000	—	Cinch ATZ Lite Roundup	—	283/43/120	John Deere 1720 John Deere 9770 STS
Carla Hargrave Sarona, WI	268.6590	DEKALB DKC58-06RIB	GENSSRIB	—	38000	—	—	—	275/115/180	Kinze 3600 John Deere S670
Ken & Gerard Kau Eagle, WI	251.6992	DEKALB DKC58-06RIB	GENSSRIB	Acceleron	35000	—	Buccaneer 5 Status, Verdict	Quadris	230/48/61	John Deere 1770NT CCS ProXP John Deere S660
WEST VIRGINIA										
Chris Stiles Berryville, VA	222.6620	DEKALB DKC63-33RIB	GENSSRIB	Acceleron+ Poncho 250	30000	—	2,4-D Ester, AAtrex 4L Gramoxone Inteon, Lexar Roundup MAX, Princep 4L	—	192/0/0	John Deere 1780 John Deere 9870 STS
Ronald Widmyer Charles Town, WV	214.1554	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	32000	—	AAtrex, Gramoxone Princep	—	200/32/30	John Deere 7000 Case IH 1660
WYOMING										
Chris Cook Lingle, WY	235.1218	Pioneer P9305AM™	AM,LL,RR2	Poncho 250	34000	—	Roundup Verdict	—	225/60/20	Case IH 1235 Stackbar Early Riser Case IH 8010
Robert Cook Lingle, WY	230.4282	Pioneer P9690AM™	AM,LL,RR2	Poncho 250	35000	—	Roundup Verdict	—	220/60/20	Case IH 1235 Stackbar Early Riser Case IH 8010
Robb Cook Lingle, WY	219.2344	Pioneer P9929AM™	AM,LL,RR2	Poncho 250	31000	—	Roundup Verdict	—	220/60/20	Case IH 1235 Stackbar Early Riser Case IH 8010

First Place



KEVIN DOWDY

Valdosta, GA

501.0196 bu./acre
AgriGold A6499 STX/RIB
Population: 52,000
Harvester: John Deere S680

SUPERVISORS

William "Hal" Darsey: District
Conservationist, NRCS

William Nichols Jr.: Young Farmer Advisor,
Berrien County BOE

Forrest M. Hill: Soil Conservation
Technician, NRCS

For the second year in a row, the Dowdy family registers a clean sweep in this class. Top honors go to Kevin Dowdy, a third-place winner in a different class last year. Kevin's sister, Michelle Dowdy, picks up the second-place hardware, while his step-niece, Loren Seabolt, earns a third-place award. "We had a pretty good year for growing corn all the way around," says Kevin, whose brother, Randy, topped all contest entrants this year with a yield of 521 bu./acre in the No-Till/Strip-Till Irrigated Class.

Weather posed challenges for Kevin's contest entry at several points during the growing season. "We planted in good conditions in mid-March, but then it turned wet and cool," he says.

Placing a starter fertilizer two inches below and two inches to the side on both sides of the seed helped the crop deal with the less than ideal conditions. "It's something we started doing a few years back," he says. "Before, we'd just put the starter to one side. But then we saw that having it on both sides makes the nutrients more readily available to the plants. It can really make a difference when you have the kind of conditions we did this year. Basically, it bought us a little time while we waited for things to dry out and warm up."

The weather improved when the crop reached V7. "From then through grain-fill, it was about as

good as you could ask for," Dowdy says. "We really liked all of the sunshine we had."

In early- to mid-June, roughly 30 days ahead of harvest, two major wind events swept through the area about a week apart. "We had 60 mph, straight-line winds. We had some corn that failed because of those winds. But for the most part, the contest fields came through in pretty good shape."

Dowdy gives high marks to AgriGold A6499 STX/RIB, the hybrid he selected for the ground that produced his winning yield. "It looked excellent all the way through the season," he says. "It had good grain quality, stalk strength and standability. It withstood those wind events."

A new, Calmer corn head on Dowdy's John Deere S680 combine (to accommodate a switch to 15-inch rows), also helped minimize potential harvest losses from the wind events. "It did a very nice job of picking up the lodged corn," says Dowdy.

The Basics For More Bushels

- ▶ Put starter fertilizer on both sides of the seed row.
- ▶ Minimize weather risk with the right hybrid.
- ▶ Invest in equipment that maximizes potential returns from new practices/technologies.

Second Place

MICHELLE DOWDY

Valdosta, GA

465.0332 bu./acre
AgriGold A6711 VT2P
Population: 48,000
Harvester: John Deere S680

SUPERVISORS

William "Hal" Darsey: District
Conservationist, NRCS

William Nichols Jr.: Young
Farmer Advisor, Berrien
County BOE

Forrest M. Hill: Soil
Conservation Technician,
NRCS

Michelle Dowdy is two for two in the national contest. Last year, in her first year of entering, she notched a first-place award in the A Non-Irrigated class. This year, she moves to the winner's circle in this class, earning a second-place with a yield of 456 bu./acre.

Pulling out all the stops to get uniform stand emergence is a major part of her high-yield game plan. "It's absolutely critical for yield," she says. "Ideally, you want all of the plants coming out of the ground within 10 GDU (Growing Degree units). When plants come up outside of that 10 GDU window, yield loss will be unavoidable. That plant becomes a weed, and it never yields the same."

To get the kind of stand she wants, Dowdy aims to plant when field conditions are optimum. "We want soil temperatures to be 56 degrees at a two-inch depth, and we want to be able to maintain that."

She also slows down with the planter. "You have to get each seed placed at just the right depth and with equal-distant spacing," she says. "Everybody would like 300-bushel corn. For that, you have to start with a 300-bushel stand."

Third Place

LOREN SEABOLT

Valdosta, GA

463.1138 bu./acre
AgriGold A6499 STX/RIB
Population: 48,000
Harvester: John Deere S680

SUPERVISORS

William "Hal" Darsey: District
Conservationist, NRCS

William Nichols Jr.: Young
Farmer Advisor, Berrien
County BOE

Forrest M. Hill: Soil
Conservation Technician,
NRCS

When Loren Seabolt learned her contest yield had earned a third-place award in this year's contest, she was thrilled. "I wanted to enter last year, but I was too young according to the rules," says the 15-year-old. "It was worth the wait. This is really exciting."

Seabolt coupled her youthful enthusiasm with discipline in following time-tested management basics. She focused on planting when conditions were just right, choosing a hybrid that matched up well with her contest ground and applying nutrients when the crop could best make use of them.

"We also had help from the Good Lord," she adds. "From V7 on, we had plenty of sunlight. That really helped make the crop."

She was especially diligent when it came to scouting the crop throughout the season. "The best thing a farmer can see out in the field is his or her own shadow," she says. "We walk all of the fields at least once a week to make sure everything is going just right. If we find a problem, we take care of it right away. To be a great farmer, you can't just hope everything is going okay, you have to know everything is going okay."



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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	305.7276	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	38000	—	Bellum Roundup PowerMax	—	320/80/80	John Deere 1790 John Deere S690
Michael Deshazo Headland, AL	293.6487	DEKALB DKC62-08	GENSS	—	37500	—	—	—	260/120/120	Monosem Twin Row John Deere 9750 STS
Brooks Hayes Headland, AL	282.3936	Croplan Seed 6640VT3P/RIB	GENVT3P	—	40000	Tundra	Atrazine+Roundup	Headline AMP Priaxor	260/120/120	John Deere 7300 MaxEmerge 2 Case IH 1680
ARKANSAS										
Billy Tripp Searcy, AR	335.1805	DEKALB DKC67-72	GENVT2P	A-500	48000	—	Halex GT	Headline Trivapro	500/400/600	Monosem NG Plus 4 John Deere 9870
Dale Ashcraft Quin, MO	288.4298	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Poncho 1250+ VOTIVO	38000	Lambda-Cy	Atrazine, Leadoff Parallel	—	410/138/150	Kinze 2600 John Deere 9870 STS
Scott Young Portland, AR	279.3930	DEKALB DKC66-97	GENVT2P	Poncho 500	39000	—	Atrazine 4L	—	180/90/120	John Deere 1760 MaxEmerge Plus Vacuum John Deere S670
CALIFORNIA										
Rick Borges Tulare, CA	318.0399	Pioneer P1751AM™	AM,LL,RR2	Cruiser 250 / Lumivia	40000	—	Roundup Status	—	250/0/0	Case IH 1200 Case IH 2588
Robert Sproat Live Oak, CA	278.3690	Pioneer P1197AM™	AM,LL,RR2	—	38000	Onager	2,4-D Amine 4 Gly Star Plus	Headline	457/134/102	Monosem NG Plus 4 Case IH 1680
COLORADO										
Brian Knapp Rocky Ford, CO	323.0636	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250+Raxil	30000	Comite	Clarity Mad Dog Plus	—	250/50/0	John Deere 7300 MaxEmerge 2 Case IH 2588
Steve Mauro Pueblo, CO	288.8723	DEKALB DKC64-87RIB	GENSSRIB	VOTIVO	36500	—	Roundup PowerMax	—	300/50/25	Monosem NG Plus Case IH 1640
Nathan Weathers Yuma, CO	270.3746	Pioneer P0805AM™	AM,LL,RR2	Amplify L+ Poncho 1250	38000	—	Abundit Extra	—	275/5/15	Case IH 1230 Case IH 9120
DELAWARE										
Benjamin Snow Smyrna, DE	281.2013	DEKALB DKC64-89RIB	GENVT2PRIB	Acceleron	39500	—	Acuron Roundup	Priaxor	285/100/90	John Deere 1770NT John Deere S670
Mark Collins Laurel, DE	273.5182	DEKALB DKC65-71RIB	GENVT2PRIB	Poncho 500	37000	—	Lexar	—	310/30/150	Kinze 3650 Case IH 7120
Whitney Snow Smyrna, DE	266.7980	Pioneer P1197AM™	AM,LL,RR2	PPST 250	39500	Bifenthrin 2EC	Acuron Roundup	Priaxor	285/100/90	John Deere 1770NT John Deere S670
FLORIDA										
Kevin Murphy Jasper, FL	283.8841	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Apron Max+ Poncho 250	35480	Bifenthrin 2EC Counter 20	Expert	Quilt Xcel	255/110/310	Monosem NG Plus John Deere 9500
GEORGIA										
Kevin Dowdy Valdosta, GA	501.0196	AgriGold A6499 STX/RIB	STX/RIB	GENESIS AG INVIGOR8	52000	Besiege	Atrazine+ Roundup	Headline AMP Priaxor	550/175/450	John Deere 1790 CCS John Deere S680
Michelle Dowdy Valdosta, GA	465.0332	AgriGold A6711 VT2P	VT2P	GENESIS AG INVIGOR8	48000	Besiege	Atrazine+ Roundup	Headline AMP Priaxor	500/150/450	John Deere 1790 CCS John Deere S680
Loren Seabolt Valdosta, GA	463.1138	AgriGold A6499 STX/RIB	STX/RIB	GENESIS AG INVIGOR8	48000	Besiege	Atrazine+ Roundup	Headline AMP Priaxor	500/150/450	John Deere 1790 CCS John Deere S680
IOWA										
Amana Farms Amana, IA	285.4139	Pioneer P1309WYHR	YGCB,HX1, LL,RR2	Poncho 1250+ Raxil	33750	—	Atrazine 4L Corvus, Volley	—	0/0/0	John Deere DB60 John Deere S680
Kim Dummermuth Elgin, IA	252.8303	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	34000	—	—	—	240/0/200	John Deere 1770NT John Deere 9560 STS
IDAHO										
Lawrence Whitsell Emmett, ID	339.8588	Pioneer P1105AM™	AM,LL,RR2	Poncho 1250	37000	Onager	Makaze	—	300/0/0	John Deere 7100 Mounted MaxEmerge John Deere 9600
Joe Huits Wendell, ID	289.6597	Pioneer P0801AMXT™	AMXT,LL,RR2	—	39000	—	Durango DMA Surpass	—	250/15/12	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
Mike Moyle Star, ID	280.2629	Pioneer P0157R	RR2	PPST 250	38000	—	Clarity, Resolve Q Roundup PowerMax	—	325/40/30	Monosem MS Single Row John Deere 9600

TOP THREE WINNERS BY CLASS

IRRIGATED - CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
ILLINOIS										
Dan Luepkes Chana, IL	315.6245	AgriGold A6499 STX/RIB	STX/RIB	Acceleron+ Poncho 500	42000	—	Callisto Xtra Roundup Max SureStart	—	284/78/97	John Deere 1770 NT CCS John Deere 9770 STS
David Luepkes Oregon, IL	312.2014	AgriGold A6499 STX/RIB	STX/RIB	Poncho 500 + VOTIVO	41500	—	Callisto Xtra SureStart	Headline AMP	284/78/97	John Deere 1770 NT CCS John Deere 9770 STS
Paul Young Erie, IL	288.7366	Pioneer P1197AMXT™	AMXT,LL,RR2	—	35000	—	Breakfree Realm Q	—	235/50/120	John Deere 1770NT John Deere 9870
INDIANA										
Marvin Murphy Rochester, IN	276.3416	Pioneer P0825AMXT™	AMXT,LL,RR2	Poncho 1250+ Raxil	36600	—	Cinch ATZ SureStart	—	280/26/60	John Deere DB80 John Deere S680
Duane Wanpler Merom, IN	274.0691	AgriGold A6711 VT2/RIB	VT2/RIB	Poncho 500	34000	Hero	AAtrex Anthem ATZ Atrazine+Simazine Roundup PowerMax	Headline AMP	234/80/100	Kinze 4900 Case IH 8230
Jacob Smoker Wanatah, IN	271.7700	Pioneer P1197AM™	AM,LL,RR2	—	33500	—	Atrazine Impact Keystone	PropiMax EC	216/16/0	Case IH 1240 Pivot-Transport Early Riser Case IH 2166
KANSAS										
Todd Cyr Clyde, KS	279.7281	Pioneer P2089AM™	AM,LL,RR2	PPST 250	38000	—	Lexar+Roundup	Headline	300/100/50	John Deere 1770 Drawn CCS MaxEmerge John Deere 9770 STS
Nick York Sublette, KS	273.7008	Pioneer P0801AM™	AM,LL,RR2	—	32700	—	—	—	305/45/0	John Deere 1720 John Deere 9860
Chris Bodenhause Muscotah, KS	271.8610	Pioneer P1197AM™	AM,LL,RR2	—	38000	—	—	—	250/0/0	John Deere 1790 CCS John Deere S660
KENTUCKY										
Phillip Meredith Reed, KY	276.8313	AgriGold A6499 STX/RIB	STX/RIB	—	35000	—	—	—	350/82/108	John Deere 1790 CCS John Deere 9770
Lea Meredith Reed, KY	272.5964	DEKALB DKC62-08RIB	GENSSRIB	—	34000	—	—	—	350/82/108	John Deere 1790 CCS John Deere 9770
Russell & Bob Schwenke Union, KY	268.8315	Pioneer P1311AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	32700	Capture LFR	Armezon Atrazine 4L Verdict	Headline	240/92/120	Kinze 3650 Case IH 6140
LOUISIANA										
Nolan Clark Mer Rouge, LA	275.3134	DEKALB DKC62-08	GENSS	Acceleron	44000	—	Bicep II Magnum	—	270/60/75	John Deere 1720 CCS Twin Row John Deere S680
Lowell Stonecifer Jackson, TN	250.9216	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Cruiser 250	34000	—	Atrazine+Glyphosate	—	330/0/0	John Deere 1790 Case IH 7230
Bill Moroni Sicily Island, LA	248.7328	Terral Seed REV2526BHR	BHR	Poncho 1250+ VOTIVO	33000	—	Atrazine Halex GT Verdict	Quilt Xcel	260/50/50	John Deere 1700 MaxEmerge XP John Deere S680
MASSACHUSETTS										
William Llewelyn Northfield, MA	300.8014	Pioneer P9840AM™	AM,LL,RR2	Amplify D+ Poncho 1250	38000	—	Lumax	—	235/37/255	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
MARYLAND										
Randall Willin Jr Seaford, DE	289.5745	Axis 64K24	VT2PRIB	Acceleron+ Poncho 250	33000	Permethrin 3.2 Tombstone	Lexar Princep 4L	Franchise Quilt Xcel	235/15/135	John Deere 1760NT Case IH Axial-Flow 7120
Michael Bostic Church Hill, MD	276.8991	Pioneer P1311AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	33100	Warrior II	Lexar	Quilt Xcel	250/40/125	John Deere 1790 CCS John Deere S670
Dan Dulin Queen Anne, MD	273.2682	Pioneer P1197AM™	AM,LL,RR2	Poncho 250+ Raxil	33200	Asana XL Warrior II	Acuron Princep 4L	Priaxor Quilt Xcel	225/40/125	John Deere 1770 NT CCS John Deere S680
MAINE										
Jon McCrum Bethel, ME	177.6198	Channel 185-15VT2PRIB	GENVT2PRIB	Acceleron+ Poncho 250	30500	—	Glyphosate	—	183/12/120	John Deere 1700 MaxEmerge Vacuum John Deere 9560 STS
MICHIGAN										
Don Stall Charlotte, MI	326.0711	Pioneer P0506AM™	AM,LL,RR2	PPST 250	40000	—	AAtrex 4L, AMS Crop Oil, Realm Q Makaze Yield Pro	—	315/70/240	Kinze 2600 Case IH 8010

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED - CONTINUED										
T Jon Drozd Allegan, MI	289.3943	Pioneer P0993HR	HX1,LL,RR2	Invigor8	39000	—	Bicep II Magnum Callisto	Quilt Xcel	365/85/250	John Deere 1775NT John Deere S680
Jake Drozd Allegan, MI	287.4239	Pioneer P1197AMXT™	AMXT,LL,RR2	Invigor8	40000	—	Bicep II Magnum Callisto	—	250/40/100	John Deere 1775NT John Deere S680
MINNESOTA										
Joseph Hopkins Buffalo, MN	272.9910	Pioneer P0533AM1™	AM1,LL,RR2	PPST 250	34000	—	Atrazine 90 DF, Callisto Makaze, Resolve Q	—	260/30/250	Case IH 1250 Front-Fold Case IH 8120
Jeff Edling Clear Lake, MN	260.6738	DEKALB DKC53-68RIB	GENSSRIB	Poncho 500	38000	—	Makaze Verdict	Headline AMP Priaxor	275/37/58	John Deere 1770NT Case IH 2388
Richard Steele Alden, MN	259.8847	DEKALB DKC58-06RIB	GENSSRIB	Acceleron	36000	—	Callisto, SureStart Roundup PowerMax	Quilt Xcel	200/46/120	John Deere 1770NT John Deere S670
MISSOURI										
Glenda Hinkebein Chaffee, MO	275.9304	DEKALB DKC67-72RIB	GENVT2PRIB	Poncho	33500	Capture LFR	AAtrex Capreno	—	290/110/80	John Deere 1720 MaxEmerge XP Case IH 9230
Charles Hinkebein Chaffee, MO	271.2155	Seed Consultants 1131YHR	RR,HX, LL,YGCB	Poncho	33500	Capture LFR	AAtrex Capreno	—	290/110/80	John Deere 1720 MaxEmerge XP Case IH 9230
Tim Martin Bernie, MO	268.6106	Pioneer P1637VYHR	AVBL,YGCB, HX1,LL,RR2	Poncho 250	34000	—	Bicep II Magnum	—	250/100/100	John Deere 1720 CCS Twin Row John Deere 9760 STS
MISSISSIPPI										
Scott Flowers Dublin, MS	289.8937	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	34500	—	—	—	285/40/875	Great Plains 3PYP John Deere S680
Grayden Flowers Dublin, MS	278.9596	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	34500	—	—	—	285/40/875	Great Plains 3PYP John Deere S680
Jason Hunter Glen Allan, MS	254.5573	Pioneer P1916YHR	YGCB,HX1, LL,RR2	—	38000	—	Atrazine	—	300/100/100	John Deere 1700 MaxEmergePlus John Deere S690
MONTANA										
Darren Miller Billings, MT	266.6834	DEKALB DKC45-65RIB	SS/RIB	Acceleron+ Poncho 250	35000	—	Roundup PowerMax	—	466/0/0	John Deere 7100 John Deere 9600
NORTH CAROLINA										
Kevin Matthews East Bend, NC	304.8757	Pioneer P1311AM™	AM,LL,RR2	—	40000	—	Bicep II Gramoxone Inteon Resolve Q+Roundup	—	325/200/325	John Deere DB44 John Deere S680
Luther Moore Maxton, NC	271.7219	Pioneer P2160YHR	YGCB,HX1, LL,RR2	—	35000	—	—	—	310/45/345	John Deere 7100 Rigid Frame MaxEmerge John Deere 9760 STS
Harbert Moore Red Springs, NC	267.2426	DEKALB DKC62-08	GENSS	—	37000	—	—	—	210/45/345	John Deere 7100 Rigid Frame MaxEmerge John Deere 9760 STS
NORTH DAKOTA										
Bobby Frauenberg Lamoure, ND	283.0235	DEKALB DKC49-72RIB	GENSSRIB	Acceleron+ Poncho 250, Ascend, Conklin Amplify	40000	Kendo	Armezon Pro Atrazine 4L Roundup PowerMax	Headline	300/175/300	John Deere DB66 Case IH 9120
Donna Frauenberg Lamoure, ND	282.3090	Pioneer P0157AMXT™*	AMXT,LL,RR2	PPST 250, Ascend, Conklin Amplify	40500	Kendo	Armezon Pro Atrazine 4L Roundup PowerMax	Headline	300/175/300	John Deere DB66 Case IH 9120
John Hofer Milnor, ND	277.5172	DEKALB DKC51-19RIB	GENDGVT3PRIB	Acceleron+ Poncho 500	38500	—	Armezon Pro Atrazine 90 DF Roundup PowerMax	—	200/65/50	John Deere 1770 Drawn CCS MaxEmerge John Deere 9770 STS
NEBRASKA										
Nathan Malmstrom Elba, NE	307.5809	DEKALB DKC62-78RIB	GENDGVT2PRIB	Acceleron 250	39166	—	Armezon, Outlook Atrazine 4L Roundup PowerMax	—	272/48/0	John Deere 1700 MaxEmerge XP John Deere 9510
John Panowicz Cairo, NE	296.4120	Pioneer P1751AMT™	AMT,LL,RR2	Poncho 1250+ VOTIVO	36000	—	Armezon Cinch ATZ	—	320/86/53	Case IH 1230 Stackbar Early Riser Case IH 8230
Michael Panowicz Cairo, NE	292.7726	Pioneer P1690CHR	RW,HX1, LL,RR2	Poncho 1250+ VOTIVO	34000	—	Cinch ATZ Roundup PowerMax	—	280/70/50	Case IH 1230 Stackbar Early Riser Case IH 8230
NEW HAMPSHIRE										
Frederick Llewellyn Northfield, MA	173.9864	Channel 195-58STXRIB	STX/RIB	Amplify D+ Poncho 1250	38000	—	Lumax	—	235/37/255	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED - CONTINUED										
NEW JERSEY										
Garrett Woolf Monroe Township, NJ	260.5665	Pioneer P1197AM™	AM,LL,RR2	Acceleron+ Poncho 250	30000	—	Acuron	—	280/0/120	Kinze 3600 Case IH 2388
Robert Santini Phillipsburg, NJ	258.8920	DEKALB DKC61-88RIB	GENVT3PRIB	—	40000	—	Guardman Mustang MAX Prowl, Roundup	—	200/100/100	John Deere 1790 CCS John Deere 9670 STS
Marlene DuBois Pitts Grove, NJ	255.3963	Channel 217-07VT2PRIB	GENVT2PRIB	Poncho 250	28000	—	—	—	250/17/120	Kinze 3650 John Deere S670
NEW MEXICO										
Kent Gordon Dalhart, TX	283.0133	Croplan Seed 7087VT2P/RIB	GENVT2P	Acceleron	31800	—	—	—	300/35/20	John Deere 1770NT Case IH 8230
Albert Etcitty Farmington, NM	234.8854	Pioneer P0801AM™	AM,LL,RR2	Cruiser 250/Raxil	36000	—	Bicep II Magnum Roundup PowerMax	—	250/20/60	John Deere 1710 Vacuum John Deere 9450
NEVADA										
Nathan Wadsworth Fallon, NV	262.2199	Pioneer P0157AMX™	AMX,LL,RR2	—	38000	—	Cornerstone+Roundup	—	200/100/100	John Deere 7100 John Deere 9600
Ron Burrows Lovelock, NV	258.8218	DEKALB DKC52-62	RR2	Acceleron+ Poncho 250	34500	—	2,4-D+Round up	—	233/60/0	John Deere 1725 CCS Stack-Fold John Deere S670
Jim Phillips Lovelock, NV	232.2539	DEKALB DKC52-62	RR2	Acceleron+ Poncho 250	34500	—	2,4-D+Round up	—	240/60/0	John Deere 1725 CCS Stack-Fold John Deere S670
NEW YORK										
Charles Campbell Nichols, NY	234.3060	DEKALB DKC54-38RIB	GENSSRIB	Acceleron	40000	—	Roundup Yukon	Headline Headline SC	160/40/40	John Deere 1750 MaxEmerge Plus John Deere 4420
OHIO										
Byron Gearhart Chillicothe, OH	258.8521	DEKALB DKC67-57RIB	GENVT3PRIB	Amplify+ Poncho 250	39000	—	Harness Xtra 5.6L Roundup GLY	Quilt Xcel	300/180/160	Kinze 2600 Case IH 9230
Curt Potter Sherwood, OH	252.0876	Pioneer P1197AM™	AM,LL,RR2	Cruiser+ Poncho 250	34000	Capture	Harness Xtra	—	200/80/150	John Deere 3550 John Deere 9770
OKLAHOMA										
Ed Keezer Clayton, OK	300.0637	Pioneer P1311AMXT	AMXT,LL,RR2	Poncho 250	10000	—	Atrazine+Glyphosate	—	295/55/45	John Deere 1770NT John Deere 9660 STS
Nathan Johnson Boise City, OK	293.8948	Pioneer P1197AMT™*	AMT,LL,RR2	Cruiser 250/Raxil	32000	—	—	—	300/80/30	John Deere 1700 MaxEmergePlus Vacuum John Deere 9860 STS
OREGON										
Dan Mills Stanfield, OR	319.4614	Pioneer P0157R	RR2	PPST 250	38000	—	Roundup PowerMax	—	350/60/60	John Deere 1700 MaxEmerge Vacuum John Deere 9650
Scott Setniker Independence, OR	296.4650	Mycogen Seeds 2V357	SSX/LL/RR2	Cruiser MAX	36000	Counter 20 G	Atrazine 4L Gly Star Plus Outlook	—	260/50/0	Monosem Twin Row Case IH 2588
PENNSYLVANIA										
Doug Scipioni Newmanstown, PA	261.2890	Pioneer P1197AMXT™	AMXT,LL,RR2	Capture+ Poncho 250	36514	—	—	—	250/50/40	Kinze 2100 Gleaner R52
Paul Mast Morgantown, PA	258.4603	Pioneer P2089AM™	AM,LL,RR2	Poncho 250	33400	—	Balance Flexx Brawl II ATZ	Trivapro	236/0/0	John Deere 1750 MaxEmerge Plus John Deere 9600
SOUTH CAROLINA										
Ray Jameson Orangeburg, SC	289.2879	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Amplify L+ Poncho 250	38500	Counter 20 G	Atrazine 90 WDG Impact Roundup PowerMax	Approch Prima	225/30/100	John Deere 1700 MaxEmerge XP Case IH 7140
C Backman Norway, SC	258.4150	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Invigro 8	41000	Sniper	Atrazine Steadfast	Approch Prima	260/0/180	Kinze 3100 John Deere 9770
Sam Weathers St George, SC	218.4422	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	30000	—	Atrazine Glystar+Roundup	—	300/75/250	John Deere 1720 MaxEmerge XP Case IH 7240
SOUTH DAKOTA										
Kory Standy Platte, SD	294.3506	DEKALB DKC62-97RIB	GENVT3PRIB	Acceleron	37000	—	Harness Xtra	—	250/65/10	John Deere 1775NT Case IH 6130
LaRohn Hagena Davis, SD	289.5617	Pioneer P1197AM™	AM,LL,RR2	VOTIVO	34000	Force CS	Lexar Touchdown	—	84/0/0	John Deere DB80 John Deere S680

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED - CONTINUED										
Jarrod Hagena Hurley, SD	283.3800	Pioneer P0157AMX™	AMX,LL,RR2	VOTIVO	34000	Force CS	Lexar Touchdown	—	84/0/0	John Deere DB80 John Deere S680
TENNESSEE										
Hunter Hooper Brownsville, TN	312.5068	Pioneer P2089YHR	YGCB,HX1,LL,RR2	Cruiser 250	35000	—	Atrazine Roundup	Approch Prima	500/150/200	John Deere 1795 John Deere 5670
Brandon Hughes Alamo, TN	284.5134	Pioneer P2089YHR	YGCB,HX1,LL,RR2	Cruiser 250	35000	—	Atrazine, Halex Glyphosate	Avaris	300/90/120	Monosem NG Plus 4 John Deere 9770
Tim Curry Pulaski, TN	278.4208	Pioneer P2089YHR	YGCB,HX1,LL,RR2	—	36000	—	Atrazine 4L Halex GT	Headline AMP	300/100/200	Kinze 3700 Claas Lexion 750
TEXAS										
Tommy & Valerie Cartrite Sunray, TX	316.8136	Dyna-Gro D55VP77RIB	GENVT3PRIB	Acceleron+ Poncho 250	36500	—	Atrazine 4L, FullTime Balance Flexx Valor SX, Weedmaster	Stratego YLD	350/120/0	John Deere 7300 MaxEmerge 2 Case IH 9230
Jody Bezner Texline, TX	310.3194	Pioneer P1311AMXT	AMXT,LL,RR2	Cruiser 250/Raxil	33500	—	—	—	310/58/55	John Deere 1770 NT CCS Case IH 6140
Brooks Brown Dumas, TX	298.1959	Pioneer P1197AMT™*	AMT,LL,RR2	Poncho 1250+ Raxil	32000	—	Atrazine 4L Basis	—	200/5/0	John Deere 1770 NT CCS John Deere 9770 STS
UTAH										
Paul Pali Tremonton, UT	316.0425	DEKALB DKC52-61RIB	GENVT2PRIB	Poncho 250	35000	—	Roundup UltraMax	—	300/100/0	Case IH 1200 Case IH 9230
Keenan Nelson Tremonton, UT	303.8443	Pioneer P1151R	RR2	cruiser 250	39000	—	Roundup	—	300/100/0	Case IH 1200 Pivot Case IH 7120
Bernard Nelson Tremonton, UT	298.4992	Pioneer P1266AMT™	AM,LL,RR2	Poncho 1250+Raxil	39000	—	Resolve Q Roundup	—	300/100/0	Case IH 1200 Pivot Case IH 7120
VIRGINIA										
Brett Wightman Edinburg, VA	290.6099	DEKALB DKC64-87RIB	GENSSRIB	—	43800	—	Acuron	Quilt Xcel Trivapro	200/0/0	John Deere 7200 Conservation John Deere 9770
Charles Bowie Colonial Beach, VA	266.3018	Dyna-Gro D57VP51	GENVT3P	Poncho 250	40000	—	Atrazine 4L Halex GT, Leadoff	Trivapro	300/0/220	John Deere 1760NT MaxEmerge XP John Deere 9670 STS
John Mills Hanover, VA	259.5714	Pioneer P2089AMT™	AM,LL,RR2	—	32000	—	AAtrex 4L, Cinch ATZ, Instigate, Simazine	—	250/30/240	Kinze 3660 John Deere S670
VERMONT										
Jeff Grembowicz North Clarendon, VT	236.7670	DEKALB DKC45-66RIB	GENVT2PRIB	—	32000	Capture LFR	Acuron	Priaxor	160/35/90	John Deere 1750 Drawn Conservation Case IH 2388
WASHINGTON										
Boe Clausen Warden, WA	326.7719	DEKALB DKC54-38RIB	GENSSRIB	Cruiser 250/Raxil	38500	—	Atrazine 4L, Clarity Roundup PowerMax	—	300/0/0	John Deere 7300 MaxEmerge 2 John Deere S680
Patrick Zecchino Granger, WA	271.8815	Pioneer P0157AMX™	AMX,LL,RR2	Cruiser 250	36000	—	Roundup Status	—	200/60/0	John Deere 1700 MaxEmerge XP John Deere S660
WISCONSIN										
Jeff Laskowski Plover, WI	289.0359	Pioneer P0533AM1™	AM1,LL,RR2	—	38000	—	Cinch ATZ Lite	—	250/80/100	John Deere 1770NT John Deere 9560 STS
Tom Weekly Plainfield, WI	285.4265	DEKALB DKC53-56RIB	GENSSRIB	—	36000	—	—	—	280/60/120	John Deere 1725 Integral Stack-Fold John Deere 9770
Barb Laskowski Plover, WI	284.3881	DEKALB DKC60-67	GENSS	—	38000	—	Cinch ATZ Lite	—	240/100/80	John Deere 1770NT John Deere 9560 STS
WEST VIRGINIA										
Lynn Widmyer Charles Town, WV	208.2380	Pioneer P1197AMT™	AM,LL,RR2	Poncho 250	30000	—	AAtrex Gramoxone Princep	—	200/32/30	John Deere 7000 Case IH 1660
Louis Miltenberger Keyser, WV	189.9243	DEKALB DKC64-87RIB	GENSSRIB	Acceleron Poncho/Votivo	35000	Lambda-Cy	Dicamba DMA Gly Plus, Resolve Q	Headline AMP	150/8/2	John Deere 1770NT John Deere S660

2016 ENTRIES BY STATE

Affiliated States

Alabama	44
Arkansas.....	196
Colorado.....	159
Georgia.....	80
Illinois.....	1,080
Indiana.....	300
Iowa.....	1,233
Kansas.....	446
Kentucky.....	138
Louisiana.....	98
Maryland.....	92
Michigan.....	592
Minnesota.....	315
Mississippi.....	115
Missouri.....	391
Nebraska.....	895
New York.....	45
North Carolina.....	345
North Dakota.....	47
Ohio.....	135
Oklahoma.....	54
Pennsylvania.....	50
South Carolina.....	111
South Dakota.....	282
Tennessee.....	140
Texas.....	87
Virginia.....	73
Wisconsin.....	134

Unaffiliated States..... 302

Total Entrants..... 7,979

* **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; 50 seed companies were represented. The 400 State Winners planted 165 hybrid numbers. A total of 640 hybrid numbers were planted by 7,979 entrants.

	All Entrants	National Winners
Average Yield	238.0948	374.7195
Avg. Plant Pop.	34,110	39,111
Avg. Harvest Pop.	33,099	40,583

Row Spacing	% of Entrants
<30"	7.95%
30"-31"	85.74%
36"	2.41%
38"- 39"	3.58%
>40"	0.33%

	All Entrants	National Winners
Average Fertilizer Use		
Nitrogen (lbs)	197.84	311.06
Phosphorus (lbs)	57.33	84.61
Potash (lbs)	80.46	180.83
Trace Elements (%)	37.04%	33.33%
Manure (%)	14.91%	33.33%

Timing of Nitrogen Fertilizer Application

Fall (%)	15.96%	11.11%
Spring Pre-Plant (%)	52.86%	22.22%
At Planting (%)	42.93%	61.11%
Side Dress (%)	52.93%	66.67%

Starter (%)	61.10%	83.33%
Surface Applied (%)	49.70%	66.67%
Incorporated (%)	71.66%	61.11%
Irrigation (%)	12.98%	33.33%
Nitrogen/bu. (lbs)	0.83	0.83
Soil Test (%)	59.14%	83.33%

Previous Crop

Corn (%)	26.17%	22.22%
Soybeans (%)	61.87%	77.78%
Wheat (%)	5.35%	0.00%
Alfalfa/Hay (%)	0.71%	0.00%
Other (%)	5.89%	0.00%

2016 ENTRIES BY CLASS*

	# of Entries	Winning Yield
A Non-Irrigated	1,084	347.2323
AA Non-Irrigated	2,440	339.0287
A No-Till/Strip-Till Non-Irrigated	937	346.0533
AA No-Till/Strip-Till Non-Irrigated	720	333.5025
No-Till/Strip-Till Irrigated	1,222	521.3968
Irrigated.....	1,572	501.0196
No Class Marked.....	4	
Total.....	7,979	



See how just one little kernel got your attention?

Now imagine more than 40,000. That's the membership of the National Corn Growers Association: 40,000 and headed north. So when we speak on behalf of corn farmers such as you, people listen. Add your voice.

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