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DUPONT PIONEER

NATIONAL CORN YIELD CONTEST

2015 Winners Guide

NCGA's BEST IN THE FIELD

INSIDE: Winners of the 2015 National Corn Growers Association National Corn Yield Contest

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A Message From the President

America's corn farmers truly exceeded all expectations yet again in 2015. Using cutting-edge technology and innovative practices, they proved that the production increases seen in 2014 can be seen as part of a greater trend. 2015 provides evidence that ongoing progress can be expected well into the future.

The American corn farmers' incredible ability to produce a growing abundance to meet all demands from a growing world shone brightly this year.

With the third-highest all-time production, at 13.6 billion bushels, and the second-highest national average yield, at 168.4 bushels per acre, corn farmers demonstrated a continued ability to achieve excellence. Yet, at the same time, participants in the National Corn Growers Association's National Corn Yield Contest showed that higher yields than ever before demonstrated are no longer beyond their reach.

Chip Bowling, President
National Corn Growers Association

This year, the contest broke an amazing boundary, recording a verified yield of just over 532 bushels per acre. By continually searching for new production methods and adopting the most advanced technologies, contest participants push the bounds of possibility while creating unique data that can help the industry improve as a whole.

These achievements stand as a testament to the aptitude of our corn farmers and to the industry that supports them.

I, both personally as a farmer and on behalf of NCGA, thank every entrant for being a part of these advancements. Whether you set a national record or just achieved your personal best, the information that you provided makes a tangible contribution to the library of agronomic knowledge. Together, what contestants report from the field makes it possible for U.S. corn farmers to feed and fuel our world in ways that simultaneously preserve our natural resources and allow families to continue farming their land for generations to come.

I also offer our gratitude to the volunteer contest supervisors and the seed companies that make this contest possible.

Volunteer supervisors ensure our contest's integrity by giving of their time and energy every fall. These crop advisors, extension personnel, government employees and financial professionals make an incredible contribution to their industry, with some conducting dozens of yield checks. It is this very hard work that makes the contest possible.

In 2015, as they have for so many years, the seed companies again displayed their lasting commitment to the National Corn Yield Contest. These companies continue to see how the vigorous competition intrinsic in the contest provides a unique and valuable showcase for their multitude of new seed offerings. The generosity of their support allows the contest to maintain the unparalleled integrity which has caused the competition to grow for more than five decades now.

Finally, on behalf of NCGA, I thank BASF Corporation, John Deere and DuPont Pioneer. Their unstinting financial support makes this guide, along with the events and online media recognizing contest winners, possible. Furthermore, their unwavering dedication to advancing agriculture shows clearly the importance they place upon improving the future for U.S. farmers.

NCGA and its members enthusiastically applaud the successes of the 2015 winners. The stories they share throughout this guide offer an inside look at the cutting-edge practices being developed today to benefit American corn farmers well into the future.

A land of rugged individualists always working hard to go further and achieve more, the very character of our nation comes from the farmers whose ancestors helped to build it. With an eye always toward the horizon, farmers value their past without ever taking for granted tomorrow's success. This strong, resilient spirit remains an integral part of American agriculture today.

At NCGA, we promise to help farmers in their quest to sustainably feed and fuel a growing world. By building demand and continually striving to improve, we stand united in our work to help all U.S. corn farmers thrive.

Chip Bowling

ON THE COVER

Kelli Jo Reznicek entered this image in the NCGA photo contest of her fiancé Jordan Emanuel planting near North Bend, Neb. Emanuel is president of the Dodge/Colfax County Corn Growers Association in Nebraska.

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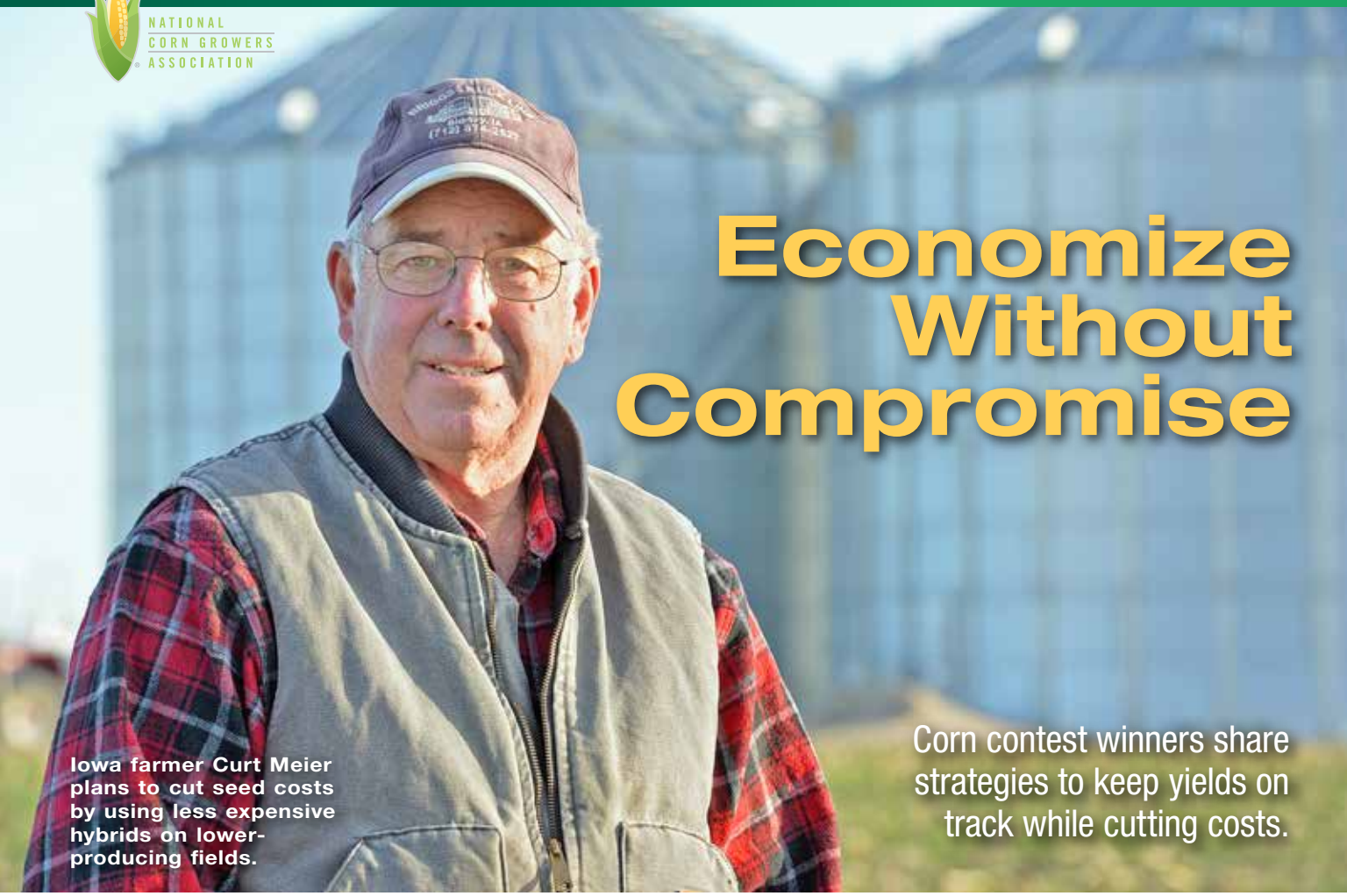

Economize Without Compromise

Corn contest winners share strategies to keep yields on track while cutting costs.

Iowa farmer Curt Meier plans to cut seed costs by using less expensive hybrids on lower-producing fields.

Talk about a balancing act. A weak outlook for corn prices for the foreseeable future means the pressure is on for growers to hold a tighter rein on input costs and other expenses. But what's the best approach to cut costs without reducing yields, the driving force in profitability?

Fred Below, professor of plant physiology at the University of Illinois, urges growers to focus on the basics and continue to strive for higher yields.

"Some simple math tells you getting a maximum yield is an absolute necessity when prices are low," says Below, who developed "The Seven Wonders of the Corn Yield World." It highlights the biological and management factors influencing corn yield. "Even at a corn price of around $3.50, a yield of 300 or 350 bushels will pay for a lot of inputs. You can't save your way to prosperity."

Recent state and national winners in the National Corn Growers Association's annual National Corn Yield Contest (NCYC) agree. They share their strategies to contain costs while boosting yields as they prepare for a challenging 2016.

STICK WITH THE BEST HYBRIDS. Hybrid selection is the most important decision a grower will make relative to profitability, Below says. As a general rule, newer hybrids are a better choice, even if they're more expensive than older alternatives. "If you look at the national winners in the NCYC, you'll see that they're consistently planting the latest hybrids," Below says. "A hybrid coming out of the test plots today has the potential to give you five more bushels than the one it's replacing."

Seed is one area where Bloomington, Wis., corn grower Eugene Steiger refuses to scrimp. "With hybrids, you get what you pay for," he says. Steiger and his wife, Betty, have captured three first-place and one second-place national awards along with numerous state honors in the NCYC during the past decade. "We want the latest and the best hybrids out there for our soils and growing conditions. If you choose the right one, you can pick up six or seven bushels an acre," he says.

To offset what he's paying for seed, Steiger will carefully scrutinize other costs. He'll put off new machinery purchases, spend more off-season time in the shop doing repair and maintenance work, pay early for supplies to capitalize on discounts and shop among several suppliers to get the best buys on seed, chemicals and other inputs. "You

have to look at everything," he says. "The little things really can add up."

TARGET THE BEST SEED TO THE BEST GROUND. Even with the yield advantage offered by newer hybrids, going with an older hybrid that has proven itself can at times make sense for growers facing extremely tight budgets. "You will give up some yield," Below says. "But the pricing point can be a lot cheaper."

Clarinda, Iowa, corn grower Curt Meier takes a middle-of-the-road approach in his seed purchase program. "On our better ground, we're more than willing to pay for the best genetics," says Meier, who captured a state second-place award in the NCYC's AA Non-Irrigated Class in 2014. His entry was just over 300 bushels. "But for our other acres, we'll consider using a cheaper hybrid that's been out for a few years if it has performed consistently for us."

Using GPS technology helps his decision-making process. "We can overlay yield maps when we're harvesting," says Meier, who heads up a farm-management team that includes his son, Michael, and son-in-law, Kevin Coston, "so we have a good handle on what the different (hybrid) numbers are producing for us."

Knowing the fertility levels in all of his fields is another key. "Soil testing isn't real costly," Meier adds. "If you know what shape a field is in, it's a lot easier to find the hybrids that will produce in that field."

Jessie Hobbs harvests optimum yields by relying on comprehensive soil fertility records on his Alabama farm.

REVIEW PLANTING POPULATIONS. Conventional wisdom holds that higher planting rates are a key component of higher yields. But with seed costs pushing upwards as the corn price lags, Elkmont, Ala., growers Jessie Hobbs and his father, Howard Hobbs Jr., wonder if backing off slightly on populations might be a way to trim the seed bill without limiting yield potential.

Last year, the Hobbses, who have captured numerous state awards in several NCYC classes during the last 10 years, planted around 30,000 seeds per acre on their dryland acres and "went slightly higher" on irrigated ground. "This year, we'll do a little more experimenting and see what happens if we drop down to 28,000 or so," Jessie says. "If you're getting two and a half acres out of a bag of seed now, you might be able to stretch that to three acres by planting fewer seeds. Over the whole farm, that could lead to some pretty good cost savings."

Maximizing production on every acre is even more critical when commodity prices are low.

Access to variable-rate planting equipment and good soil fertility records give the Hobbses confidence. "We do soil testing in five-acre grids every year, so we know exactly what's available in fields," Hobbs says. "We'll try to be more conscientious about putting corn on our more productive ground and planting alternative crops on fields that are more questionable. If you have a racehorse, you want to keep it on the track instead of the infield."

Getting a handle on proper planting rates can be one of the trickier aspects of mapping out a yield strategy, especially in times when margins are tight, adds Mark Licht, corn agronomist at Iowa State University. "The question you have to ask yourself is whether the last 1,000 kernels you're putting out there are giving you the yield you're paying for," Licht says. "The answer will be influenced by all kinds of things, including soil fertility, weather and your overall management ability."

FOCUS ON A FAST START. Steady as she goes will be the dominant theme at Tate Farms, near Meridianville, Ala., in the year ahead. Since the late 1990s, Pat Brown and his four partners have notched at least one first-place state award each year in several NCYC irrigated and dryland classes. Last year, the farm topped all other Alabama contest entries in the Irrigated Class by posting 314 bushels per acre.

Getting the crop off to a good start will continue to be an emphasis for Brown this year. During the past five years, the operation ▶

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ACHIEVEMENT	YIELD	PRODUCT*	CATEGORY	LOCATION
National First-Place Winner at the NCGA Yield Contest	532 bu/A	Pioneer® P1197AM™ brand corn	No-Till/Strip-Till Irrigated	Charles City, Va.

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HX1 – Contains the Herculex® I Insect Protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, western bean cutworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm. **YGCB** – The YieldGard® Corn Borer gene offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm. **LL** – Contains the LibertyLink® gene for resistance to Liberty® herbicide. **RR2** – Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions.

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WITH YOU FROM THE WORD GO

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Product performance is variable and depends on many factors such as moisture and heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. Individual results may vary.
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has added at least one Precision Planting component per year to a 60-foot John Deere/Bauer planter. It's now equipped with electric seed meters, hydraulic down pressure, a 20/20 monitor and yield-mapping equipment. Brown figures the total cost of the multiple upgrades at $30,000 to $40,000. "It's significant," he says of the cost. "But we think the return we're getting on our investment is substantial enough to justify it. You can do everything right with all the other inputs, but if you don't get that crop started right, the best you can hope for is a good yield. You won't have a great yield."

Because stand establishment is so critical to yield, growers may also want to consider utilizing a starter fertilizer and/or in-furrow protection (insecticides and fungicides) at planting, even though that will mean additional costs, Illinois' Below says. That's especially true in areas like the northern Corn Belt, where planting often occurs in wet and cool conditions. "You have to do everything possible to get full value out of the seed that you put in the ground," he says. "That means taking a 'no plant left behind' approach and making sure plants are emerging rapidly and uniformly. Every seed that comes up late is a weed."

Fine-tuning how you select crop inputs and adopt technology will help you cart away more bushels in every row in every field.

TIME FERTILIZER APPLICATIONS. Even in a period of squeezed profitability, an investment in Y-drops for a Hagie high-boy spray rig made perfect sense last year to grower Jeff Brown, Blue Mound, Ill. "I've done a lot of soul-searching about how to go about things with prices so low," says Brown, who captured first-place state honors and a third-place national award in the NCYC in 2014 with a state contest record of 350 bushels per acre. "The number one way to cut costs is to increase yield, so I want to use every input dollar for the maximum ROI (return on investment)."

Being able to apply nitrogen later in the season was the reason behind the equipment add-on. "Before, we'd make some applications in the fall, some in the spring," relates Brown, who is part of a partnership that includes his mother and father, Robert and Roberta, his cousin, Phil, and friend, Jason Brelsfoard. "Then we'd go back in with coulters and sidedress in the middle of the row. With the Y-drops on the Hagie, we can apply nitrogen efficiently next to the plant and at tasseling when the corn most needs it."

Net result: Brown trimmed average nitrogen use from around 230 pounds per acre in 2014 to 170 pounds last year. "On one farm, I applied 70 pounds with the chemical and another 70 pounds at tassel, and the corn yielded 230 bushels per acre," he says. "My new record is now .6 pounds of N per bushel. University of Illinois recommendations were for 1.2 pounds."

No matter how your fertilizer program is structured, getting nutrients to the corn plant when they're needed most is essential to success, says Dewey Lee, corn specialist at The University of Georgia and also the Georgia Corn Growers Association Executive Director. "There are all kinds of ways to deliver nutrients—fall broadcast applications, laying down a two-inch x two-inch sideband at planting, sidedressing and spoon-feeding through a center pivot," Lee says. "The most important thing you can do

Jeff Brown saves on fertilizer costs on his Illinois farm by using Y-drops mounted on a Hagie rig to apply nitrogen at tasseling.

as a grower is monitor the crop's development to make sure you're not part of the stress that a plant goes through. Making applications at the right time is a crucial part of that."

SHOP FOR THE BEST INPUT DEALS. Timing purchases of nitrogen and seed to get the best buys from suppliers can go a long way toward keeping input costs in line, says Lucas Carter, Harrells, N.C. Over the years, Carter and his dad, Ronnie, have won numerous state awards in the NCYC. In 2013, Lucas also notched a third-place national award in the A Non-Irrigated Class.

While poultry manure is Carter's go-to source of nitrogen, he typically buys as much as 15,000 gallons of liquid N (28 percent) annually to cover his needs. "We have the storage for it on-farm, so it just makes sense to buy it when it's cheap," he says. "This year, we were able to get all we needed for $240 per ton by buying it in the fall. If we had waited until February, it would have cost us $40 to $50 per ton more."

He follows a similar approach when purchasing seed, usually working with two seed companies and spreading out purchases among a half-dozen hybrids. "Around the first of the year, we can often get a $25 to $40 rebate on some select seed," Carter says. "You have to pencil it out carefully. You might pay full price for a hybrid rated for 105 bushels. But you might get a pretty good rebate on a similar hybrid that's rated at 100 bushels. Even with the lower yield potential, the cost savings you get with the rebate can make it worthwhile."

A cautionary note on shopping: Lee warns to steer clear of deals that sound too good to be true; offers of cheap fertilizer deserve special scrutiny. "Recognize a quality product always returns quality benefits. Buying a cheap product is likely to cost you in the long run." ●

Building Corn Demand

No doubt about it, America's corn growers deserve applause for their amazing track record in pushing yields and overall corn production steadily upward. Yet most understand it also sets up a major challenge: All of these bushels have to find a market.

The National Corn Growers Association (NCGA) is stepping up efforts to build new demand for corn. "Farmers continue to get better and better at what they do best, growing corn," says Amie Gianino, who was named vice-president of NCGA's new market development department in July 2015. "Our basic mission is to create sustainable opportunities for our farmers and their families."

To carry out that mission, NCGA has identified increasing demand and strengthening customer and consumer acceptance of corn as two key important objectives of its overall strategic plan. Other objectives in the plan are enhancing productivity and environmental sustainability, and striving for organization excellence.

Ethanol is one product area where Gianino sees immediate opportunities for building corn demand. She notes more than 30 percent of the corn currently produced in the U.S. annually is utilized in ethanol production.

A major part of NCGA's ethanol effort will be aimed at continuing to make sure government agencies, including the U.S. Environmental Protection Agency, fully understand how changes in policies—reducing Renewable Fuel Standards, for example—are likely to impact corn farmers. NCGA also plans to step up efforts to develop additional ethanol infrastructure and increase public awareness of the benefits ethanol offers to society—everything from helping to reduce greenhouse gases to fueling the country's transportation needs. Seeking opportunities to increase demand for corn used as livestock feed (currently accounts for 39 percent of all U.S. production) will be another market development priority. "We are looking at new opportunities for constructive dialogue with the livestock industry and will continue to look at ways to improve dried distillers' grains as a livestock feed through research," Gianino says. "These efforts will help us reinforce the message that our fates and fortunes are intertwined."

In two other important product areas—corn used for human nutrition and corn-based bioproducts—NCGA wants to improve consumer and company understanding of corn's value as a versatile, renewable resource. "We're currently looking at engaging with a variety of stakeholders to correct misperceptions and improve corn's reputation in the marketplace," Gianino says.

Along with direct interactions with consumers and others in the marketing chain, NCGA will also continue to partner in programs like Field to Market and the Soil Health Partnership. "It's a matter of establishing trust," Gianino says. "If we can build trust, we'll build demand."

For more information, visit **www.ncga.com.**

First Place

MICHELLE DOWDY
Valdosta, GA

348.9838 bu./acre
DEKALB DKC62-08
Population: 34,000
Harvester: John Deere S680

SUPERVISORS
William Darsey: District Conservationist, NRCS
William Nichols Jr.: Young Farmer Advisor, Berrien County BOE
Forrest M. Hill: Soil Conservation Technician, NRCS

After this year, the Dowdy family may have to build a bigger trophy room to hold contest awards. To go along with Michelle's first-place award in this class, her brother, Randy, captured first place honors in the Irrigated Class. Three other family members—Randy's wife, Bridget, nephew, Dustin, and brother, Kevin—also placed in various contest classes. "It was a pretty good year for growing corn in our area," says Michelle.

Weather delayed planting on the contest entry. "We usually like to get going during the first or second week of March," says Randy. "But we had rainy and wet conditions early on. We didn't get (the contest entry) planted until March 21."

For the entry, the Dowdys planted DEKALB DKC62-08 in 30-inch rows at 34,000 seeds per acre. "That's about as high as we'll go on our dryland ground," says Randy. "On some of our lighter soils, we will plant as low as 20,000."

Seed was treated with zinc, fungicide, insecticide and Invigor8 from Genesis Ag. The Dowdys also laid down starter fertilizer two inches below and two inches to both sides of the seed row. In a separate pass, they placed a band of dry fertilizer (N-P-K and micronutrients) six inches to the side of the seed row. "With banding, the plant will get nutrients faster than if we broadcast," Randy says. "It's something we do with all of our applications on all our acres as weather permits."

The entry got a boost when weather improved immediately after planting. "It got warm fast," says Randy. "We had good soil temperatures and good nighttime temperatures. Our emergence was real good with everything coming up uniform."

From V3 through R5, the Dowdys took tissue samples once a week, then addressed any nutrient deficiencies revealed by sample results. "We want to know what's going on with the crop at all times," Randy says. "If we see any deficiencies, we want to respond right away."

Good records kept over the years supplemented the information gleaned from the tissue samples. "We've built up a good database, so we have a good idea of what levels we need to maintain in order to reach our goals," says Randy. "Our main goal is to keep the plant from undergoing stress. The better you are at doing that, the more potential you have for a good yield."

Yield Boosters

- Use a starter fertilizer.
- Band fertilizers to get nutrients to crops faster.
- Combine tissue sampling with existing records to stay on top of crop nutrient needs.

Second Place

SAM SANTINI
Stewartsville, NJ
332.1733 bu./acre
DEKALB DKC64-87RIB
Population: 42,000
Harvester: John Deere S660

SUPERVISORS
Stephen Komar: County Extension Agent, Rutgers University Cooperative Extension
Robert Mickel: County Extension Agent, Rutgers University Cooperative Extension

Sam Santini's contest entry overcame an extremely rough start to earn a second-place award in this class with a yield topping 332 bu./acre. "When we started out in the spring, we thought we might be in for a complete disaster," says Santini. "We planted on May 1 and didn't see any rain until the end of the month. A lot of the corn didn't germinate until the end of May. The plants that did germinate were so far ahead of the others. It was anything but the kind of uniform stand that you like to see for high yields."

A return to favorable weather in June helped turn the crop around. "For the rest of the year we got some good rains and good temperatures," he relates.

Planting in 15-inch rows, something Santini has been doing for the past five years, also may have helped with the entry's recovery. "You get a checkerboard pattern that gives the plant roots more room to grow in the soil," he says of the practice. "It also gives you better weed control because the plants shade each other out pretty quickly. It seems to work well in with our soils."

Third Place

MIKE SCHOLTING
Louisville, NE
329.6426 bu./acre
Pioneer P1257AM
Population: 32,000
Harvester: John Deere 9770 STS

SUPERVISORS
Eric Hartwell: Crop Consultant, Pest Management Control
Carla J. Knott: Ag Loan Officer, Farmers Bank of Cook

Mike Scholting felt like pinching himself more than once during the growing season just to make sure he wasn't dreaming. The weather for producing corn in his area was that good. "It was wet early, but we had a two-week break in mid-April for planting," he relates. "It started raining again in May. But we never had any real big rains. We'd get an inch or a little more one day, then it would stop for three or four days. Then it would rain again."

Conditions changed only slightly in June. "It wasn't quite as wet, but we still never went more than nine days without a rain," says Scholting. "That's unheard of in eastern Nebraska. From then on, the weather was picture perfect. The biggest thing was that we didn't get a lot of hot days like we normally do in July and August."

Some adjustments were required. "Usually, we sidedress by injecting liquid urea with a coulter and high-pressure injector. But it was too wet this year. Instead, at V7, we top-dressed by broadcasting 100 pounds of dry urea (46-0-0). I was impressed. It's something I might try on a bigger scale next year."

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										
James R Weber Atmore, AL	218.3056	DEKALB DKC65-19	VT3P	Acceleron Poncho 250	36000	Brigade	Atrazine Roundup Medal	Avaris	209/88/100	John Deere 1720 Integral Stack-Fold Case IH 2166
Jason Weber Atmore, AL	200.8005	Pioneer P1319	CONV	Poncho 250	27000	Brigade	Atrazine 4L Leadoff, Medal Roundup, Unison	Avaris	168/9/1	John Deere 1720 Integral Stack-Fold Case IH 2166
Jeff Tate Meridianville, AL	199.6133	Pioneer P1197AM™	AM,LL,RR2	PPST 250	30000	—	Atrazine 4L, Halex GT Roundup PowerMax Sterling Blue	—	200/75/75	John Deere DB60 John Deere S680
ARKANSAS										
George Williamson Mellwood, AR	257.9076	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	29000	—	Atrazine 4L Halex GT	—	250/80/120	Kinze 3600 John Deere 9770 STS
Lilly Williamson Eads, TN	251.2803	Pioneer P2160YHR*	YGCB,HX1, LL,RR2	Cruiser 1250	29000	—	Atrazine 4L Halex GT	—	250/80/120	Kinze 3600 John Deere 9770 STS
Stan Haigwood Newport, AR	227.2865	Pioneer P1602YHR	YGCB,HX1, LL,RR2	Poncho 250	33600	—	Atrazine Dual	—	330/140/80	John Deere 1720 John Deere 9660 STS
COLORADO										
Darren Dobler Burlington, CO	89.8800	Pioneer P9697AM™	AM,LL,RR2	—	11000	—	—	—	100/45/0	John Deere 1775NT John Deere S670
DELAWARE										
Whitney Snow Smyrna, DE	282.7940	Pioneer P1197AM™	AM,LL,RR2	PPST 250	38000	—	Lexar Roundup	Headline Headline AMP Priaxor	180/70/108	John Deere 1770NT John Deere S670
Russell Hudson Frankford, DE	276.6233	DEKALB DKC63-87RIB	VT2P/RIB	Poncho 250	38500	—	Harness Xtra	—	300/40/100	Kinze 3650 John Deere 9770 STS
Douglas Wilson Smyrna, DE	256.6894	DEKALB DKC62-08RIB	SS/RIB	Acceleron Poncho 250	28000	—	Atrazine Roundup	—	200/50/120	John Deere 1770NT Case IH 8120
FLORIDA										
Ann McLeod Ochlocknee, GA	215.1888	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Acceleron Poncho 250	28940	Karate	Expert	Quilt Xcel	220/90/220	Monosem Twin Row John Deere 9500
Judy Copeland Lee, FL	208.4846	Pioneer P1443YHR*	YGCB,HX1, LL,RR2	Acceleron Poncho 250	27100	Karate	Expert	Quilt Xcel	205/75/215	Monosem Twin Row John Deere 9500
Roy J Classen Walnut Hill, FL	203.1300	Pioneer P1916YHR*	YGCB,HX1, LL,RR2	Poncho 250	28000	—	Atrazine Roundup	Headline AMP	210/125/125	John Deere 7000 John Deere 9600
GEORGIA										
Michelle Dowdy Valdosta, GA	348.9838	DEKALB DKC62-08	SS	Poncho 1250	33000	—	Atrazine Roundup	Priaxor	350/100/300	John Deere 1700 MaxEmerge Vacuum John Deere S680
Blake Stanaland Ochlocknee, GA	139.2499	Pioneer P1690YHR	YGCB,HX1, LL,RR2	PPST 250	22500	—	—	—	130/46/60	John Deere 7100 John Deere 9450
KANSAS										
Jason Taylor White Cloud, KS	277.5944	Taylor Seed Farms 8012 VT2PRO	VT2P/RIB	CruiserMaxx	35500	—	Degree Xtra Impact Roundup PowerMax	Headline	230/120/60	Monosem NG Plus 4 Case IH 7230
Alex Noll Winchester, KS	259.2684	DEKALB DKC63-33RIB	SS/RIB	—	35000	—	Atrazine 4L Degree Xtra Roundup	Quilt Xcel	240/100/100	Kinze 3600 Case IH 7230
Doug Rethman Seneca, KS	239.2351	Pioneer P1479AM™	AM,LL,RR2	Cruiser 250/Raxil	30000	—	Corvus	—	0/0/0	Case IH 1250 Front-Fold Case IH 2188
KENTUCKY										
Russell & Bob Schwenke Union, KY	282.8853	LG Seeds LG5618 VT2PRIB	VT2P/RIB	—	32500	Capture LFR	Armezon, Atrazine 4L Roundup PowerMax Verdict	—	228/46/60	Kinze 3650 Case IH 5088
David Sparks Owensboro, KY	281.2846	DEKALB DKC62-08RIB	SS/RIB	Poncho 1250	40000	Warrior II	Lexar Lumax	—	276/92/120	John Deere 1770NT CCS ProXP John Deere S680

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED – CONTINUED										
Scott Zoglmann Owensboro, KY	273.4795	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	34000	—	Halex GT	—	245/115/150	John Deere 1700 MaxEmerge XP John Deere S680
LOUISIANA										
Ted Schneider Lake Providence, LA	250.1159	DEKALB DKC62-08	SS	Acceleron Poncho 250	37500	—	Sequence	—	300/19/85	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9770
Lane Gaspard Batchelor, LA	248.1548	Pioneer P1685YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	—	—	—	200/0/0	John Deere 1720 MaxEmerge XP John Deere 9870 STS
Wil Miller Ferriday, LA	247.8977	Pioneer P2160YHR*	YGCB,HX1, LL,RR2	Cruiser 250 Lumivia	32000	—	—	—	295/0/0	John Deere 1720 CCS Stack-Fold John Deere 9610
MASSACHUSETTS										
Matt Parsons Hadley, MA	286.3210	Pioneer P0604AM™	AM,LL,RR2	PPST 250	32500	Capture LFR	Cinch ATZ Instigate	—	260/3/125	Kinze 2500 John Deere 9500
Susan Kosinski Westfield, MA	269.9087	Channel 205-17VT2PRIB	GENVT2PRIB	Acceleron	37000	—	—	—	310/30/120	Kinze 2500 Case IH 2366
MARYLAND										
Brad Rill Hampstead, MD	308.4140	DEKALB DKC63-35	VT2P	Poncho 250	34000	Brigade Sniper	2,4-D LV Ester Abundit, Infantry 4L Python, Stealth	Stratego	180/0/0	John Deere 1770NT John Deere S680
John Rigdon Jarrettsville, MD	286.3746	DEKALB DKC62-08	SS	Amplify D Poncho 1250	36500	Capture LFR	Atrazine Lumax	Headline AMP Stratego YLD	300/150/200	John Deere 1770NT CCS ProXP John Deere 9670 STS
Ed Lippy Hampstead, MD	272.0701	Pioneer P0993HR	HX1,LL,RR2	Poncho	34000	Brigade Sniper	2,4-D LV Ester Abundit, Atrazine 4L Parazome Prowl H2O, Verdict	Stratego	180/0/0	John Deere 1790 CCS John Deere S680
MAINE										
Brenda York Farmington, ME	238.7193	Pioneer 38N86	CONV	Cruiser 250	34000	—	AAtrex Lumax	—	0/0/0	John Deere 7000 Case IH 1460
James Hilton Norridgewock, ME	213.8110	DEKALB DKC39-07RIB	VT2P/RIB	Cruiser Poncho 250	29500	—	Lumax EZ	—	0/0/0	Great Plains YP-625A Claas Lexion 450
MICHIGAN										
Jane Sisung Saint Johns, MI	289.5419	DEKALB DKC52-61RIB	VT2P/RIB	Acceleron Poncho 250	33000	—	Degree Xtra	—	150/0/0	Kinze 3000 Case IH 2366
Jeff Briggs Willis, MI	285.2826	DEKALB DKC62-08RIB	SS/RIB	Acceleron+Poncho 250	38000	—	Atrazine 4L Zidua	—	345/136/122	John Deere 1770NT John Deere 9860 STS
Armon Southworth Grand Ledge, MI	281.2303	Pioneer P0157AM™	AM,LL,RR2	PPST 250	35000	—	Bicep II Magnum Callisto	—	185/78/93	Kinze 3600 Case IH 6088
MISSISSIPPI										
Mark Perrin Natchez, MS	252.9744	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Crusier 250	31500	—	—	—	220/59/60	John Deere 1700 MaxEmerge Vacuum John Deere 9770
Pepper Roberts Belzoni, MS	211.7641	Pioneer P1637VYHR^	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	27000	—	Atrazine 4L Halex GT	—	315/100/100	John Deere 1700 MaxEmerge XP John Deere 9870
Dale Weaver Macon, MS	199.5390	Croplan Seed 6640VT3P/RIB	VT3P/RIB	Poncho 250	27000	Capture LFR	Atrazine, Barrage Halex GT, Leadoff Roundup PowerMax	—	225/0/0	Case IH 1230 Stackerbar Early Riser John Deere 9670 STS
MONTANA										
Lori Rohde Glasgow, MT	103.0817	Pioneer P7443R	RR2	—	19000	—	Roundup PowerMax RT3	—	100/0/0	Kinze 3600 New Holland TR99
Glenn Rohde Glasgow, MT	76.0737	Pioneer P7443R	RR2	—	19000	—	Roundup PowerMax Roundup RT3	—	100/0/0	Kinze 3600 New Holland TR99
NORTH CAROLINA										
Wesley Johnson Dobson, NC	286.5153	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	—	29000	Sniper	Halex GT	Approch Prima	200/0/0	John Deere 1770NT John Deere 9770 STS

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NON-IRRIGATED – CONTINUED										
Keith Wood Andrews, NC	283.4675	DEKALB DKC66-96	VT3P	Poncho 1250	29500	—	Bicep II Magnum Dicamba Max 4 Peak	Priaxor	126/13/0	John Deere 1780 Drawn Rigid Gleaner R52
Walter Johnson Mount Airy, NC	281.3840	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 1250+ VOTiVO	25000	—	Atrazine, Leadoff Roundup, Status	Approch Prima	243/75/98	John Deere 1785 John Deere 9560
NORTH DAKOTA										
Mark Gorder Wahpeton, ND	275.8424	Pioneer P9917	CONV	—	39000	—	Volley	—	200/100/150	John Deere 1710 Vertical-Fold John Deere 9770 STS
Scott German Oakes, ND	264.7978	Pioneer P0533AM1™	AM1,LL,RR2	PPST 250	37000	—	Breakfree ATZ Roundup, Status	—	325/125/75	John Deere DB60 John Deere S680
Amy Frauenberg Lamoure, ND	263.0602	DEKALB DKC46-36RIB	SS/RIB	Jump Start, Poncho 250, Conklin, Acceleron, Ascend	39000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline SC	280/60/40	John Deere DB66 Case IH 9230
NEBRASKA										
Mike Scholting Louisville, NE	329.6426	Pioneer P1257AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	32500	—	Cinch ATZ	—	278/150/0	John Deere 1770NT John Deere 9770 STS
Steve Johnson Ithaca, NE	263.1387	Pioneer P1690AM™	AM,LL,RR2	Poncho 250 Raxil	33000	—	Cinch ATZ Halex GT	Approch Prima	220/75/0	John Deere 1770NT John Deere 9670 STS
Leroy Keller Papillion, NE	260.6186	Pioneer P1498AM™	AM,LL,RR2	Cruiser 250/Raxil	28000	—	Harness Xtra 5.6L	—	245/15/5	Case IH 1250 Front-Fold Early Riser Case IH 2388
NEW JERSEY										
Sam Santini Stewartsville, NJ	332.1733	DEKALB DKC64-87RIB	SS/RIB	Acceleron Poncho 250	40000	—	—	—	300/100/100	John Deere 1790 CCS John Deere S660
Pat Giberson Pemberton, NJ	268.8745	DEKALB DKC64-87RIB	SS/RIB	Kernel Guard	32500	—	Acuron	—	175/45/60	Kinze 3600 John Deere 9570 STS
NEW YORK										
Jesse Snyder Lockport, NY	287.3460	DEKALB DKC62-08RIB	SS/RIB	Acceleron Poncho 250	38500	Capture LFR	AAtrex Lumax EZ	Priaxor	280/85/90	John Deere 1790 CCS John Deere S670
Craig Strong Barton, NY	275.3395	DEKALB DKC62-08RIB	SS/RIB	Acceleron	37000	—	Resolve Q Touchdown Total	—	115/0/0	Kinze 4900 Case IH Axial-Flow 6088
Matthew Swede Piffard, NY	270.5098	DEKALB DKC54-38RIB	SS/RIB	Acceleron Poncho 250	34500	—	Roundup PowerMax Yukon	—	200/63/180	John Deere 1770NT John Deere 9670 STS
OKLAHOMA										
Lauren Ledbetter Okmulgee, OK	187.4110	Pioneer P1311AM™*	AM,LL,RR2	Amplify D Poncho 250	31000	—	Atrazine 90 DF Glyphosate 4, Medal II ATZ	—	200/40/50	John Deere 1770NT John Deere S670
PENNSYLVANIA										
Eric Charles Lancaster, PA	329.1299	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	37500	Warrior II	Brawl II ATZ Halex GT, SureStart Touchdown Total IQ	Priaxor	290/50/110	Kinze 3600V Case IH 8010
Glen Krall Lebanon, PA	282.2028	Pioneer P1197AMXT™	AMXT,LL,RR2	—	32500	—	Atrazine Resolve Q Touchdown	—	94/13/4	Kinze 3500 Gleaner R65
Richard Kreider Lebanon, PA	275.1536	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	36500	Warrior II	Atrazine 4L Gramoxone SL Halex GT, Simazine 4L	—	200/60/170	John Deere 1780 MaxEmerge Plus Vacuum John Deere 9570 STS
SOUTH CAROLINA										
Dan Gause Scranton, SC	268.5564	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	33500	—	Atrazine 4L Roundup PowerMax	—	280/96/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
William Thomas Cades, SC	236.4492	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	33500	—	Atrazine 4L Roundup PowerMax	—	280/96/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
John Gause Scranton, SC	221.0720	Pioneer P1775YHR	YGCB,HX1, LL,RR2	Poncho 250	29500	—	Atrazine 4L Roundup PowerMax	—	280/96/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670

A NON-IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
SOUTH DAKOTA										
Scott McKee Hawarden, SD	288.3060	Pioneer P1197AMXT™	AMXT,LL,RR2	PPST 250, AGRISURE RW	36800	Herculex XTRA Poncho 1250	Callisto Roundup	Headline AMP	240/70/70	Case IH 955 Trailing Early Riser Case IH Axial-Flow 1660
Dean Bosse Elk Point, SD	276.9917	Pioneer P1197AM™	AM,LL,RR2	—	33500	—	—	—	180/80/30	Case IH 1250 Front-Fold Early Riser John Deere 9770 STS
Ronald Johnson Alcester, SD	269.2119	Pioneer P1197AM™	AM,LL,RR2	—	34000	—	Balance Pro	—	160/50/50	John Deere 7200 Rigid Front-Fold John Deere 9560
TENNESSEE										
Kenneth Barnes Union City, TN	295.6554	DEKALB DKC67-72	VT2P	—	35000	Capture LFR	Atrazine Degree Xtra	—	330/100/120	John Deere 7200 Case IH 9230
Bobby Woodall Decherd, TN	288.1144	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 250	37500	Capture 2 EC	Halex GT	Headline AMP	280/80/80	Kinze 3650 John Deere 9670 STS
Ethan Tanner Union City, TN	285.1348	DEKALB DKC67-72	VT2P	Acceleron+ Poncho 250	38000	—	—	—	300/150/150	John Deere 1770 Case IH 7120
TEXAS										
Glen Marecek Waco, TX	228.9269	Pioneer P2089AM™	AM,LL,RR2		28500	—	Atrazine 4L Traxion	—	180/49/24	John Deere 1710 John Deere 9610
Justin Hansen Lorena, TX	227.2004	DEKALB DKC62-08	SS	Acceleron 500	29000	—	Atrazine, Leadoff Roundup PowerMax	—	150/0/0	John Deere 1720 CCS John Deere S670
Bobby Kuretsch Riesel, TX	220.6588	DEKALB DKC62-08	SS	Acceleron 500	26500	—	Roundup	—	180/62/0	John Deere 1720 MaxEmerge XP John Deere S670
UTAH										
Bart Pali Brigham City, UT	124.0182	DEKALB DKC51-19RIB	DGVT3P/RIB	Amplify D Poncho 250	26000	—	—	—	150/50/0	Case IH 1200 Case IH 8010
VIRGINIA										
Heath Cutrell Chesapeake, VA	269.7962	DEKALB DKC62-08	SS	Poncho 1250	36000	Mustang MAX	Atrazine Roundup	Headline AMP	240/40/80	Case IH 1245 Split-Row Pivot-Transport Early Riser Case 8120
Nicholas Mills Hanover, VA	266.6927	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	29000	—	Atrazine 4L, Cinch ATZ Instigate, Simazine 4L	—	230/30/160	Kinze 3660 John Deere S670
Greg Jenkins Bena, VA	266.3314	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Poncho 1250	35000	Lambda-Cy	AAtrex, Corvus Halex GT	Stratego YLD	350/50/120	Kinze 3650 John Deere 9650 STS
VERMONT										
Theodore Grembowicz North Clarendon, VT	256.6737	DEKALB DKC46-20RIB	VT3P/RIB	Acceleron Poncho 250	32200	Capture LFR	Verdict Zidua	—	160/35/65	John Deere 1750 Drawn Conservation Case IH 2388
Jeffrey Grembowicz North Clarendon, VT	237.4549	DEKALB DKC46-20RIB	VT3P/RIB	Acceleron Poncho 250	31500	Capture LFR	Verdict Zidua	—	150/0/60	John Deere 1750 Drawn Conservation Case IH 2388
Alfred Dunklee Vernon, VT	218.1414	Pioneer P0993AM1™	AM1,LL,RR2	Cruiser 250	41000	—	—	—	250/0/130	Kinze 3500 Case IH 1460
WEST VIRGINIA										
Paul Miltenberger Keyser, WV	268.1804	Pioneer P1794VYHR^	AVBL,YGCB,HX1, LL,RR2	Amplify D Poncho 1250	35000	Lambda-Cy	Dicamba DMA Glyphosate Plus Resolve Q	Headline AMP Stratego YLD	203/8/2	Kinze 3600 John Deere S660
Chris Miltenberger Keyser, WV	260.0187	Pioneer P2089AM™	AM,LL,RR2	Amplify D Poncho 1250+ VOTiVO	34000	Lambda-Cy	Dicamba DMA Glyphosate Plus Resolve Q	Headline AMP Stratego YLD	128/8/2	Kinze 3600 John Deere S660
Todd Widmyer Charles Town, WV	189.5048	Pioneer P1498CHR	RW,HX1, LL,RR2	—	29000	—	Basis	—	190/75/75	John Deere 7000 Case IH 1660
WYOMING										
Kellie Hinman Wheatland, WY	138.4501	Pioneer P9697AM™	AM,LL,RR2	Amplify D Poncho 250	22150	—	Aim Glyphomax Plus Prowl H2O	—	200/150/100	John Deere 1720 MaxEmerge XP John Deere 9500

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ExactEmerge™ scores high marks during in-field research testing

JOHN DEERE

In a world of high-speed planters, industry standard is still 5mph. Good to know then that **ExactEmerge outperformed the standard with over 30% better spacing at 10mph**. That's the result of a recent study from one of the leading agricultural research institutions in the nation. And it's all due to the one-of-a-kind BrushBelt™ delivery system, which allows for **near infinite spacing possibilities ... as well as full seed control – vertically and laterally – from meter to trench.**

But like any time spent at a university, you need to pass more than one course. So we did. At double the industry speed, **ExactEmerge had nearly 60% of all plants emerge on Day 1 of spiking and 98% within the first 72 hours**, thanks to pinpoint seed placement in the bottom of the trench. Of course, let's not forget that at 10mph, ExactEmerge helps with another key component of maximizing yield potential: planting within the optimum window.

And now we can say our design has been third party tested for its agronomic performance, and the marks are high. The benefits to you are even higher. That's not just performance. It's **Performance That Pays.** See the test results for yourself at **JohnDeere.com/Agronomic.**

First Place

LANCE NEFF

Marshall, MO

386.7491 bu./acre
Pioneer P2089AM
Population: 40,000
Harvester: John Deere S680

SUPERVISORS
Marc Amer: Ag Loan Officer, Great Western Bank
Greg Hedges: Ag Loan Officer, Great Western Bank

Lance Neff is on a roll. Last year, he topped this class with a yield of 362 bu./acre. This year, he's back in the top spot again thanks to a 24-bushel increase. "Before the season started, we had our sight set on 400 bushels," says Neff. "We came up a little bit short but, considering the weather we had to deal with, I think we did pretty well."

Planting conditions were anything but ideal when Neff put his contest entry into the ground on April 22. "That was about a week to 10 days later than we normally like to get going," he says. "But it was just so wet and cool. We had to slip planting in between the rains."

Neff planted Pioneer P2089AM at a seeding rate of 40,000 seeds per acre. "That's one of the things we tweaked in our program this year," he says, noting that last year's winning entry was planted at 36,000. "We felt that if we could get more plants out there, we'd get more ears and more yield. More importantly, we felt we had the right management in place to handle the higher population."

Soil health was another focal point of Neff's program. The previous fall, following soybean harvest, he broadcast 400 pounds of humic acid and two pounds of granulated sugar on his contest ground. "The humic acid helps make the nutrients in the soil more readily available to the plants," explains Neff. "The sugar helps feed the microbes in the soil and gets some activity going."

His game plan also included four gallons per acre of a 8-24-4 liquid starter fertilizer, applied in the row half-inch below the seed. Included with the starter were one pound per acre of sugar, four ounces per acre of Headline and one quart per acre of liquid carbon. "The whole idea with that starter is to give the plant a boost to get it up and going," says Neff. "Even with the awful conditions, we had a nice even stand within 48 hours."

From V4 through harvest, Neff tissue sampled every two to three weeks, then foliar fed the crop according to sampling results. In all, he sprayed four times and also did two over-the-top sidedressings with dry urea. "Our goal is to keep the plant healthy by making sure it has everything it needs when it needs it," adds Neff. "We don't want the plant to ever have a bad day."

Yield Boosters

- Use starter fertilizer to give plants an early push.
- Never let the corn plant have a bad day.
- Keep soils healthy.

Second Place

KEVIN KALB

Dubois, IN
331.4693 bu./acre
DEKALB DKC65-71RIB
Population: 46,000
Harvester: Case IH 8230

SUPERVISORS
Preston Weisheit: Ag Loan Officer, First Financial Bank
Tim Robinette: Ag Loan Officer, Old National Bank
Thomas J. Krodel: Regional President, Old National Bank

Soon after planting his contest entry, Kevin Kalb was out and out excited. "It all came up out of the ground in five days, and it was perfect," says Kalb, who has captured two-first place and four second-place national contest awards since 2007. "By far, it was the best looking crop we've ever had."

Starting at around the V3 stage, Kalb tissue sampled once a week. "In the past, we'd sample every two or three weeks. But with the great start, we wanted to make sure we were getting everything to the crop when it was needed."

A three-week stretch of wet weather starting in mid-June tempered Kalb's optimism. "We had 25 inches of rain," he relates. "By the fourth of July, we were thinking there was no way we had a shot at a winning yield. We knew we were really in trouble when we saw the roots coming out above ground, trying to find some oxygen."

Flying on six gallons of 25-0-0 and 10 pounds of granulated sugar in two applications at the R1 stage helped bring the crop back. "In the end, we were tickled with 330 bushels. But we still can't help but wonder what might have been."

Third Place

MIKE KAUFMAN

Dysart, IA
328.6876 bu./acre
Pioneer P1498AM
Population: 34,500
Harvester: John Deere S660

SUPERVISORS
Duane Fisher: Ag Instructor, Retired
Louise Fleming: FFA Advisor, Vinton Shellsburg Schools

Mike Kaufman makes his first appearance in the contest winner's circle this year. "I could hardly believe it," he says. "Breaking 300 bushels has been a goal of mine for a long time."

Kaufman planted his entry on April 16, about a week ahead of normal. Favorable weather conditions early on helped get his crop off to a good start. "We didn't have any gully washers through June, just a half-inch here and four-tenths of an inch there. But the rains we got were timely. In July, we started getting more rain. I was worried the roots wouldn't go down far enough and that we might have problems with the corn blowing over in a big wind. But it never happened."

Timely nitrogen applications were another emphasis. The previous fall, Kaufman spread 100 pounds of dry urea on his contest field, then knifed in 175 pounds of anhydrous with N-serve. When the corn reached V7, he applied 40 units of 28 percent liquid nitrogen. "It's not just how much nitrogen you're putting on that counts," he says. "You have to get it on there at the stage of the growing season when the crop can make the best use of it."

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · John Deere · DuPont Pioneer

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
AA NON-IRRIGATED										
IOWA										
Mike Kaufman Dysart, IA	328.6876	Pioneer P1498AM™	AM,LL,RR2	PPST 250	36500	Aztec 4.67G	Callisto Aatrex Glyphosate Metalachlor, Sharpen	Headline AMP	325/88/80	John Deere 1720 John Deere S660
Dave Price Clarinda, IA	320.7105	DEKALB DKC62-08RIB	SS/RIB	—	34000	—	—	—	260/80/80	John Deere 1770 NT CCS Case IH 8120
David & Mason Hansen Crescent, IA	303.6087	Pioneer P2088AMX™	AMX,LL,RR2	Poncho 500	34000	Tundra	Atrazine 4L Laudis, Prequel	Quilt Xcel	220/80/0	John Deere 1770 NT CCS John Deere 9670 STS
ILLINOIS										
James Cecil Rock Island, IL	324.9447	Pioneer P1197AM™	AM,LL,RR2	—	38000	—	Breakfree Roundup WeatherMax	—	240/55/120	John Deere 1770NT John Deere 9870
Brandon Brooks Erie, IL	318.4713	Pioneer P1257AMXT™	AMXT,LL,RR2	—	36000	—	Abundit Extra Breakfree	—	240/55/120	John Deere 1770NT John Deere 9870
Ralph or Donald Walter Grand Ridge, IL	307.6597	Pioneer P1417AMX™	AMX,LL,RR2	Poncho 1250+ VOTiVO	36000	Defcon 2.1G	Verdict	—	240/0/100	John Deere 1770NT John Deere 9770 STS
INDIANA										
Kevin Kalb Dubois, IN	331.4693	DEKALB DKC65-71RIB	DGVT2P/RIB	Acceleron	44000	—	Harness Xtra, Laudis Roundup UltraMax	—	300/0/120	Case IH 1240 Case IH 8230
Brian Simpson Mount Vernon, IN	289.1393	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	36000	—	Abundit Extra Cinch ATZ, Realm Q	Approach	270/100/250	John Deere 1770NT CCS ProXP John Deere S680
Kathy Little Hebron, IN	288.0390	Pioneer P1197AM™	AM,LL,RR2	Dynasty Poncho 1250	39000	Defcon 2.1G	Buccaneer Plus Cinch ATZ, Status	Approch Prima Priaxor	340/90/122	John Deere 7200 Case IH 5130
MINNESOTA										
Timothy (Tim) Gudal Bricelyn, MN	288.9331	DEKALB DKC57-75RIB	SS/RIB	Acceleron	36000	—	Halex	Headline AMP	180/65/120	John Deere 1770 Conservation John Deere 9660 STS
Larry Brubaker Dover, MN	287.3838	DEKALB DKC49-72RIB	SS/RIB	Poncho 1250+ VOTiVO	36000	—	Dual II Magnum SI Halex GT	—	100/0/60	John Deere 1770NT John Deere 9560 STS
Craig Ferrier Dover, MN	275.8840	DEKALB DKC62-08	SS	Poncho 1250+ VOTiVO	38000	—	Roundup PowerMax Status, Verdict	—	280/46/120	John Deere 1775 Flex John Deere S680
MISSOURI										
Lance Neff Marshall, MO	386.7491	Pioneer P2089AM™	AM,LL,RR2	P1250	40000	—	—	—	325/200/200	John Deere 1770 Front-Fold Flex John Deere S680
Jane Cox Delta, MO	288.4529	Pioneer P2160YHR*	YGCB,HX1, LL,RR2	Amplify D Poncho 250	34000	—	Cinch ATZ	—	300/50/120	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670 STS
Zack McClellan Chillicothe, MO	262.5794	Pioneer P0365AM™	AM,LL,RR2	Poncho 250	38000	Hero	Abundit Extra Atrazine 4L, Lexar	—	210/75/130	John Deere DB60 John Deere 5680
OHIO										
Adam Smith North Fairfield, OH	289.5824	DEKALB DKC64-89RIB	VT2P/RIB	Poncho 500	38000	—	Corvus	—	240/100/200	John Deere 1770NT Case IH 8120
Nathan Smith Marion, OH	289.1934	Channel 213-59STXRIB	SS/RIB	Acceleron	35000	—	Lexar	Quilt Xcel	184/10/2	John Deere DB60 John Deere S670
Fred Penick Hebron, OH	277.9642	Channel 209-51VT2PRIB	VT2P/RIB	Acceleron Poncho 250	46000	—	Balance Flexx Trizmet	—	300/69/0	Kinze 2300 John Deere 9570 STS
WISCONSIN										
Andrea Mezera Bagley, WI	289.4959	DEKALB DKC60-67	GENSSRIB	Acceleron	45000	—	Breakfree ATZ Lite Realm Q Roundup	—	300/55/125	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9750
Mitch Mezera Bagley, WI	287.9516	DEKALB DKC62-77	SS	Acceleron	45000	—	Breakfree ATZ Lite Realm Q Roundup	—	300/55/125	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9750
Julie Mezera Bagley, WI	284.7824	AgriGold A6499 SS/RIB	SS/RIB	Poncho 500 VOTiVO	45000	Capture	Breakfree ATZ Lite Realm Q, Roundup	Approach	300/55/125	John Deere 1780 John Deere 9750

A NO-TILL/STRIP-TILL NON-IRRIGATED CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

First Place

JILL JUSTICE
Beckley, WV

368.7785 bu./acre
DEKALB DKC62-08
Population: 42,000
Harvester: John Deere S690

SUPERVISORS
Cindy Johnson: Crop Insurance Agent, J.T. Davis Insurance Co.
J.T. Davis: Federal Crop Insurance Agent, J.T. Davis Insurance Co.
Larry Layman: Retired District Director, West Virginia Conservation Agency

Contest competition was stiff within the Justice family this year. Jill grabbed top honors with a yield of nearly 369 bu./acre. Her brother, Jay, was right on her heels with a yield of 360 bu./acre, good enough for second place.

"We all work together as a family farming team," says their father, Jim, who has been entering the contest since the late 1970s. "But when it comes to the contest, they go all out to outdo each other."

Great weather early on set the stage for Jill's winning entry. "It was nearly picture perfect through pollination," says Jim. "We didn't have an overabundance of rain, but it was consistent."

Later on, the good fortune faded. "It got dry on us," says Jim. "During one three-and-a-half week period after black silk, we really suffered for rain. Cool temperatures saved us. The daytime highs stayed around 73 degrees. We were blessed."

To ready her contest field, which had been a livestock pasture for the previous 25 years, Jill broadcast one-and-a-half tons per acre of lime in the fall of 2014. She used Roundup for burndown on April 4, then came back two weeks later with another application of Roundup and Atrazine. Just before planting, she used a ground rig to apply 260 pounds of potash, 200 pounds of phosphorus and 200 pounds of nitrogen.

On April 23, Jill planted 44,000 seeds per acre of DEKALB DKC62-08. "We work hard to get everything in the ground just right," says Jim. "Everything you do throughout the season depends on getting a uniform stand at the outset. You can end up with 42,000 plants an acre out there at harvest. But if they're in clusters here and there, it will be a disaster."

When the corn was 10 inches tall, Jill sprayed Halex GT and Atrazine over the top to finish off residual weeds. At 30 inches, she top-dressed the crop with a blend of dry urea and ammonium sulfate yielding 200 pounds of nitrogen. Two weeks prior to tasseling, she flew on Headline and Southern States' B-Moly plant food, then followed up with another application 10 days after tassel.

"Usually, we just make one application a year with a fungicide, figuring that in our area we'll get about 20 days of protection," explains Jim. "But there was so much potential in this field this year. We didn't want to run out of protection late in the season."

Yield Boosters

- Get the crop planted right.
- Consider multiple nitrogen applications to keep nutrients available.
- For select fields, extend protection with multiple fungicide applications..

Second Place

JAY JUSTICE
Beckley, WV

360.3225 bu./acre
DEKALB DKC62-08
Population: 38,000
Harvester: John Deere S690

SUPERVISORS
Cindy Johnson: Crop Insurance Agent, J.T. Davis Insurance Co.
J.T. Davis: Federal Crop Insurance Agent, J.T. Davis Insurance Co.
Larry Layman: Retired District Director, West Virginia Conservation Agency

Having the right hybrid in place during an extended weather glitch was a key component of Jay Justice's second place contest yield. "When we had that dry spell in mid-July we were pretty concerned about our chances of getting a top yield," says Jay's dad, Jim. "The kernels were still developing. With the hybrids we had 25 or 30 years ago, the crop would have blown up on us. We would have been all done."

Jay's hybrid of choice was DEKALB DKC62-08. "It's an older variety that we've been using for several years, and we've had good success with it," says Jim. "It carries great test weight. It has supreme standability and it offers disease resistance characteristics that gives us a lot of tolerance for gray leaf spot."

In the four years they've been entering the contest, Justice family members have captured eight first-place awards along with numerous second- and third-place honors. "It's a great concept," Jim says. "It's a competition, but everyone is willing to share ideas about what they're doing. It gives us a chance to learn from each other and get better at what we all love to do, grow corn."

Third Place

MATT KLUDT
Kendall, NY

322.9722 bu./acre
DEKALB DKC52-84RIB
Population: 38,000
Harvester: Case IH 8230

SUPERVISORS
Don Sweet: Crop Consultant, Crop Advantage LLC
Larry Meyer: County Executive Director, FSA

Paying close attention to a bunch of details enabled Mark Kludt to sidestep some potential mid-season weather glitches enroute to a yield of nearly 323 bu./acre and a third-place finish in this class.

Kludt planted his contest entry on May 1. "It was unusually dry for the next month and all of our crops just took off," Kludt relates. "But then we had one of the wettest Junes on record. We saw a lot of ponding in our lower lying fields. The contest field though wasn't as much of a concern because it was grid tiled. In July, the weather turned to more of a normal pattern."

During the season Kludt focused on several details that included: utilizing soil testing to ensure that fertility levels stayed in line with yield goals, taking care to plant so that the crop emerged uniformly, and spraying with a fungicide at brown silk to combat disease pressure.

"We figure weather determines about 50 percent of how a crop will turn out," he says. "But if you have everything lined up just right, you'll be in a better position to ride out the things Mother Nature might throw your way. You can still get a bumper crop."

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · John Deere · DuPont Pioneer

A NO-TILL/STRIP-TILL NON-IRRIGATED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
ALABAMA										
Michael Dahlke Cullman, AL	235.8370	Seed Consultants 11RR31	RR	—	32000	—	AAtrex Roundup	—	245/100/100	John Deere 7300 Gleaner R42
Jessie Hobbs Elkmont, AL	223.8805	DEKALB DKC62-08	SS	Acceleron Poncho 250	31500	Karate Z	Halex GT Roundup	—	50/80/80	John Deere 1795 John Deere S670
ARKANSAS										
Scott Williamson Eads, TN	242.8204	Pioneer P1739YHR	YGCB,HX1, LL,RR2	Cruiser 250	29000	—	Atrazine 4L Halex GT	—	250/80/120	Kinze 3600 John Deere 9770 STS
Whitney Parker Lowell, AR	182.1480	Lewis Hybrids RD1504VT2P	GENDGVT2P-RIB	Acceleron	26364	—	Atrazine 4L Cornerstone, Corvus	—	114/34/45	Case IH 800 Cyclo Case IH 1460
Chase Sain Rector, AR	134.8927	Pioneer P1602YHR	YGCB,HX1, LL,RR2	—	28000	—	Atrazine Dual	—	200/100/150	John Deere 1720 MaxEmerge XP John Deere S690
COLORADO										
Eric Purvis Weskan, KS	142.9153	Pioneer P0157AM™	AM,LL,RR2	—	15000	—	—	—	80/40/0	John Deere DR24 John Deere S670
Jerold Hasart Stratton, CO	135.6113	DEKALB DKC52-61RIB	VT2P/RIB	—	15000	—	Atrazine 4F Glyphosate 4, Status	—	50/20/5	John Deere 7300 MaxEmerge 2 Gleaner R72
Brian Hornung Stratton, CO	133.4987	Pioneer P0157AM™	AM,LL,RR2	Apron Max Poncho 250	10000	—	Balance Flexx	—	95/20/10	John Deere 1770NT New Holland CR8090
CONNECTICUT										
Dan Logue Woodbury, CT	284.2857	DEKALB DKC58-83RIB	VT3P	—	33000	—	—	—	0/0/0	Kinze 3600 Case IH 2188
DELAWARE										
Sherry Hudson Frankford, DE	275.6221	DEKALB DKC63-87RIB	VT2P/RIB	Poncho 250	37000	—	Harness Xtra	—	300/60/100	Kinze 3650 John Deere 9770 STS
Aaron R Thompson Hartly, DE	263.5160	Channel 213-37VT2PRIB	VT2P/RIB	Poncho 250	32500	Lamcap Sniper	2,4-D Lexar, Princep 4L Roundup PowerMax	—	194/90/100	Kinze 2500 Gleaner R62
Benjamin Snow Smyrna, DE	260.0464	Pioneer P1319HR	HX1,LL,RR2	PPST 250	31000	Brigade	Roundup Simazat	Headline AMP	215/70/86	John Deere 1770NT John Deere S670
FLORIDA										
Miriam Classen Mc David, FL	212.1837	Pioneer P1319HR	HX1,LL,RR2	—	27000	—	Atrazine Roundup	Headline AMP	210/125/125	John Deere 7000 John Deere 9600
Sam Jones Jasper, FL	208.7193	Pioneer P1443YHR*	YGCB,HX1, LL,RR2	Apron+ Cruiser+Dynasty	30910	Bifenture	Atrazine Roundup	Headline AMP	220/90/220	Monosem MS Double Row Case IH 1660
GEORGIA										
James Hitchcock Tennille, GA	271.3707	DEKALB DKC62-08	SS	Acceleron	36220	Brigade 2EC	Atrazine 90 DF Roundup PowerMax	Headline AMP	250/100/200	John Deere 1720 John Deere 9670 STS
Jerry Smith Dawsonville, GA	266.6657	DEKALB DKC62-08	SS	—	35000	—	Atrazine Roundup	—	275/67/86	John Deere 7000 Conservation John Deere 6620
KANSAS										
Jeff Koelzer Onaga, KS	318.0486	DEKALB DKC66-59RIB	GENVT2PRIB	Poncho 500	37000	—	Harness Roundup Roundup	Headline	368/104/60	Case IH 1250 Front-Fold Early Riser Case IH 7230
Clem Koelzer Onaga, KS	285.0504	DEKALB DKC63-55RIB	DGVT2P/RIB	Poncho 500	34000	—	Degree Xtra Roundup	Headline	322/104/60	Case IH 1250 Front-Fold Early Riser Case IH 7130
Glenn Heinen Seneca, KS	278.8584	Pioneer P1751AMT™*	AMT,LL,RR2	PPST 250	36000	Hero	SureStart	Quilt Xcel	220/75/60	John Deere 1795 John Deere S660
KENTUCKY										
Rick Castlen Owensboro, KY	275.5126	Pioneer P2089YHR	YGCB,HX1, LL,RR2	PPST 1250	35000	—	AAtrex, GRAMOXONE Lumax EZ, Warrior II Roundup PowerMax	—	242/80/105	John Deere 1790 John Deere S670
Phil Thompson Owensboro, KY	270.8249	Pioneer P2089AM™	AM,LL,RR2	Poncho 250	35300	Bifenthrin	2,4-D, Atrazine Glyphosate, Lexar	Quilt Xcel	241/80/105	John Deere 1760 John Deere 9570

A NO-TILL/STRIP-TILL NON-IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
Albert Peterson Loretto, KY	270.2530	Pioneer P1602	CONV	Poncho 250	30000	Capture	AAtrex, Halex GT Leadoff	Headline	188/40/48	John Deere 1770 NT CCS John Deere S680
LOUISIANA										
Nathan Lee Tallulah, LA	245.8047	Pioneer P1739R	RR2	Crusier 250	32500	—	Roundup	—	210/100/100	John Deere 1720 John Deere 9670
MASSACHUSETTS										
Wanda Llewelyn Northfield, MA	307.8474	Pioneer P9754AM™	AM,LL,RR2	Amplify D Poncho 1250	38000	—	Lumax	—	235/40/225	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
Sarah Henry Southampton, MA	289.6298	Channel 205-17VT2PRIB	GENVT2PRIB	Acceleron	37500	—	—	—	340/30/150	Kinze 2500 Case IH 2366
MARYLAND										
Drew Haines Middletown, MD	303.2013	DEKALB DKC62-08	SS	Poncho 500	37000	—	Lexar+Roundup	—	280/60/120	John Deere 7200 John Deere 9500
Tom Walsh Hampstead, MD	286.5735	DEKALB DKC62-08RIB	SS/RIB	Acceleron	30000	—	—	—	286/138/120	John Deere 1750 John Deere 9670
Edward Appenzeller Jr Millington, MD	283.7342	DEKALB DKC62-08RIB	SS/RIB	Acceleron	36100	Fastac	AAtrex 4L Gramoxone Princep 4L, Sharpen	Headline Headline AMP Priaxor	300/70/70	Kinze 3660 Case IH 7230
MAINE										
Linwood York Farmington, ME	212.3355	Pioneer 38N86	CONV	Cruiser 250	32400	—	AAtrex Lumax	—	0/0/0	John Deere 7000 Case IH 1460
MICHIGAN										
Alvin Ferguson Allenton, MI	286.2543	DEKALB DKC52-61RIB	VT2P/RIB	A250	34000	—	Halex GT	—	170/75/125	Kinze 3600 Case IH 9240
Jay Ferguson Yale, MI	266.5812	Pioneer P0506AM™	AM,LL,RR2	Cruiser 250	34000	—	Halex GT	—	175/75/125	Case IH 1250 Front-Fold Early Riser Case IH 9240
Mike Blashill Croswell, MI	256.2712	DEKALB DKC50-84RIB	VT2P/RIB	Acceleron Poncho 250	32000	—	Lexar	—	190/50/200	Kinze 3120 John Deere 9760
MISSISSIPPI										
Carol Hunter Glen Allan, MS	203.6372	Pioneer P1739YHR	YGCB,HX1, LL,RR2	Poncho 250	33000	—	Lexar Roundup	—	350/0/130	John Deere 1700 MaxEmerge XP John Deere S690
Janelle Good Macon, MS	201.5301	DEKALB DKC64-69	VT3P	Poncho 250	28500	—	Atrazine 4L Halex GT	—	220/100/100	John Deere 1720 MaxEmerge XP John Deere S670
Scott Hunter Glen Allan, MS	190.1736	Pioneer P1739YHR	YGCB,HX1, LL,RR2	Poncho 250	31000	—	Lexar Roundup	—	0/0/0	John Deere 1700 MaxEmerge Vacuum John Deere S690
MONTANA										
Mitch Auer Broadview, MT	42.2525	Pioneer P7443R	RR2	Raxil	13500	—	Roundup Roundup PowerMax	—	46/15/0	John Deere 7100 John Deere 9770 STS
NORTH CAROLINA										
Ed Wood Andrews, NC	282.9231	DEKALB DKC66-96	VT3P	Poncho 1250	29800	—	Bicep II Magnum Dicamba Max 4 Harmony Extra Makaze, Peak	Priaxor	126/13/0	John Deere 1780 Drawn Rigid Gleaner R52
James Lee Trenton, NC	240.0553	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Poncho 1250	33500	—	AAtrex, Capreno Gramoxone Roundup PowerMax	Approach	200/100/100	John Deere 1720 John Deere S680
Jamie Draughn Mount Airy, NC	236.9396	Pioneer P1498CHR	RW,HX1, LL,RR2	Poncho 1250+ VOTiVO	30000	—	Bicep II Magnum Gramoxone Roundup	—	400/54/54	John Deere 1780 John Deere 9750 STS

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A NO-TILL/STRIP-TILL NON-IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NORTH DAKOTA										
Jamie Gorder Wahpeton, ND	286.7641	Pioneer P0157	CONV	—	40000	—	Volley	—	220/150/150	John Deere 1710 Vertical-Fold John Deere 9770 STS
NEBRASKA										
Marvin and Glenn Wiles Plattsmouth, NE	269.3104	DEKALB DKC62-78RIB	DGVT2P/RIB	—	41980	—	—	—	320/170/73	John Deere 1790 CCS John Deere S670
Dave Schmit David City, NE	266.2877	Pioneer P1197CHR	RW,HX1, LL,RR2	Poncho 1250+ VOTiVO	28500	—	Corvus, Halex GT Roundup, Sharpen	—	170/100/0	Case IH 1250 Front-Fold Early Riser New Holland CR9060
Dean Stevens Falls City, NE	264.7180	Pioneer P1257AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	33000	—	Lexar Roundup	Headline AMP	220/70/80	Kinze 3500 Gleaner S77
NEW HAMPSHIRE										
Mary E Llewelyn Northfield, MA	217.9659	Pioneer P9754AM™	AM,LL,RR2	Amplify D Poncho 1250	37000	—	Lumax	—	235/40/225	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
NEW JERSEY										
Chris Santini Stewartsville, NJ	318.5696	DEKALB DKC64-87RIB	SS/RIB	Acceleron Poncho 250	40000	—	Bicep II Magnum	—	300/100/100	John Deere 1790 CCS John Deere S660
Byron DuBois Pittsgrove, NJ	278.7742	Pioneer P1197AM™	AM,LL,RR2	—	31000	Warrior	Atrazine 4L Dual II Magnum Touchdown HiTech	Headline AMP	250/17/120	Kinze 2300 John Deere 9860 STS
Tammy Meyer Pittstown, NJ	278.1942	DEKALB DKC58-83RIB	VT3P	Acceleron Poncho 250	39000	Capture LFR	Anthem ATZ Roundup PowerMax	—	210/60/90	John Deere 1770NT John Deere S660
NEW YORK										
Matt Kludt Kendall, NY	322.9722	DEKALB DKC52-84RIB	SS/RIB	Cruiser Extreme 250, Poncho 250	38000	—	Atrazine Roundup	—	250/72/250	John Deere 1775NT Case IH 8230
Ryan Swede Pavilion, NY	295.4235	DEKALB DKC57-75RIB	SS/RIB	—	35000	—	Roundup PowerMax Yukon	—	220/70/220	John Deere 1770NT John Deere 9670 STS
Jason Swede Pavilion, NY	291.4252	DEKALB DKC64-69RIB	VT3P/RIB	Acceleron Poncho 250	35500	—	Roundup PowerMax Yukon	—	220/70/220	John Deere 1770NT John Deere 9670 STS
OKLAHOMA										
Scotty Herriman S Coffeyville, OK	214.9457	DEKALB DKC64-69RIB	VT3P/RIB	—	35236	—	Corvus	—	200/38/18	Kinze 3650 John Deere 9500
Cody Sloan Gore, OK	191.9943	Pioneer P2089AM™	AM,LL,RR2	Amplify D Poncho 1250	32000	—	Roundup + Status	—	250/0/0	John Deere 1770 NT CCS John Deere S670
Steve Sloan Gore, OK	176.9353	Pioneer P1602AM™	AM,LL,RR2	Amplify D Poncho 1250	32000	—	Roundup + Status	—	250/0/0	John Deere 1770 NT CCS John Deere S670
PENNSYLVANIA										
Herman Manbeck Womelsdorf, PA	317.1285	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	35376	—	Basis Blend Medal	—	130/20/10	Kinze 3500 John Deere 9570 STS
David Wolfskill Wernersville, PA	315.4626	DEKALB DKC62-08	SS	Acceleron Poncho 250	35000	Warrior II	2,4-D Ester Lexar Roundup	Headline AMP	240/0/0	White 8831 Narrow Transport/ Narrow Row Case IH 2388
Daryl Alger Lebanon, PA	299.6847	DEKALB DKC62-08RIB	SS/RIB	Acceleron	39800	Capture 3 EC	AAtrex Princep Prowl H2O Roundup, Status	—	275/40/90	John Deere 1775NT John Deere S670
SOUTH CAROLINA										
Jeff Dawson Beaufort, SC	237.6187	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	33000	—	Capreno Dual Magnum Roundup Original	Priaxor	296/140/250	John Deere 1700 MaxEmergePlus John Deere 9500
SOUTH DAKOTA										
Scott Biskeborn Chamberlain, SD	276.2860	DEKALB DKC51-20RIB	DGVT2P/RIB	Poncho 250	27500	—	Harness Xtra Roundup PowerMax	—	250/40/10	John Deere 1770NT John Deere S670

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
A NO-TILL/STRIP-TILL NON-IRRIGATED – CONTINUED										
Travis Swisher Groton, SD	242.3905	DEKALB DKC46-36RIB	SS/RIB	Poncho 1250+ VOTiVO	34000	—	Atrazine, Class Act Interlock, TripleFLEX Roundup PowerMax	—	257/124/30	John Deere 1770 NT CCS John Deere 9770 STS
Jeffery Fliehs Groton, SD	238.8493	DEKALB DKC46-20RIB	VT3P/RIB	Acceleron 250	34000	—	Banvel, Class Act NG Harness Xtra Roundup WeatherMax	—	550/150/50	John Deere DB60 John Deere S680
TENNESSEE										
Bruce Magoon Centerville, TN	271.1057	United Seed Associates 1141	CONV	ApronMax Poncho 250	36000	—	Steadfast Q Verdict	—	260/0/150	Kinze 3600 John Deere 9670
Paul Neal Henry, TN	261.0988	Pioneer P2089AM™	AM,LL,RR2	Poncho 250	31000	Grizzley	Atrazine, Callisto Resolve Q Roundup Roundup	—	285/125/100	John Deere 7000 Case IH 2366
Jamie Tosh Henry, TN	259.5538	Pioneer P1602YHR	YGCB,HX1, LL,RR2	Poncho 250	29000	—	Atrazine Glyphosate	—	240/60/60	Kinze 3660 Case IH 8230
TEXAS										
Bill Graff Dalhart, TX	176.7737	DEKALB DKC51-20RIB	DGVT2P/RIB	Balance Flex, Roundup Powermaxx	16000	—	Balance Flexx Roundup PowerMax	—	20/10/0	John Deere 1770NT John Deere S670
VIRGINIA										
Tyler Franklin Tappahannock, VA	283.9499	Axis 64K24RIB	VT2PRIB	Poncho 500+ VOTiVO	29000	—	2,4-D Atrazine Corvus Roundup PowerMax	—	175/60/90	Kinze 3600 John Deere 9770
James Bowen Brandy Station, VA	279.9753	Channel 214-00DGVT2PRIB	DGVT2P/RIB	Poncho 250	32000	—	2,4-D Amine AAtrex, Banvel Roundup PowerMax	—	180/150/150	Kinze 3650 John Deere 9870
Curtis Packett Warsaw, VA	279.8408	Dyna-Gro D57VP51	GENVT3P	Acceleron+ Poncho 250	34000	—	Halex GT Lumax Princep 4L	—	270/30/60	Case IH 1220 Rigid Trailing Early Riser Case IH 2388
WASHINGTON										
John Aeschliman Colfax, WA	110.5558	DEKALB DKC27-54	RR2	—	31000	—	Roundup	—	150/15/0	John Deere 7000 Case IH 9230
WEST VIRGINIA										
Jill Justice Beckley, WV	368.7785	DEKALB DKC62-08	SS	—	42000	—	2,4-D Touchdown	—	400/175/200	John Deere 1700 MaxEmergePlus Vacuum John Deere S690
Jay Justice Beckley, WV	360.3225	DEKALB DKC62-08	SS	Amplify D Poncho	44000	—	2,4-D Touchdown	—	410/175/200	John Deere 1700 MaxEmergePlus Vacuum John Deere S690
James Justice Beckley, WV	314.0177	DEKALB DKC66-97RIB	VT2P/RIB	Amplify D Poncho	42000	—	2,4-D Touchdown	—	410/175/200	John Deere 1770 Front-Fold MaxEmerge Plus Drawn Conservation John Deere S690
WYOMING										
Teri Hinman Wheatland, WY	110.0860	Pioneer P9789AMXT™	AMXT,LL, RR2	Amplify D Poncho 1250	21500	—	Aim, Glyphosate Prowl H2O	—	200/150/0	John Deere 1720 MaxEmerge XP John Deere 9500
Jerry Hinman Wheatland, WY	104.8058	DEKALB DKC39-07RIB	VT2P/RIB	Amplify D Poncho 1250	21750	—	Aim, Gly Star Plus Prowl H2O	—	150/100/50	John Deere 1720 MaxEmerge XP John Deere 9500
Mike Peterson Albin, WY	99.1981	Pioneer 39N95AM™	AM,LL, RR2	Poncho 250 Raxil	18000	—	Atrazine 90 DF Clarity, Touchdown	—	80/30/0	John Deere 1720 MaxEmerge XP John Deere 9770 STS

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First Place

JEANNIE LINNEWEBER

Vincennes, IN

318.9243 bu./acre
Pioneer P1257AM
Population: 37,000
Harvester: John Deere 9660 STS

SUPERVISORS

Eugene D. Flaningam: Agronomist, Flaningam Ag Consulting LLC
Mike Whaley: Ag Loan Officer, Elberfield State Bank

The Linneweber family first appeared in the contest winner's circle in 2007 when Jeannie's husband, Wally, captured first-place honors in the AA Non-Irrigated class. In 2009, Wally's brother, Joe, placed in that same class. This year, it's Jeannie's turn to fly the family colors.

The weather presented plenty of challenges. "It was all over the place," says Wally. "It was too wet when we planted, and too wet when we sidedressed. When we got into July and August, it turned dry and hardly rained at all. We think our corn could have been even better if we had had a little more cooperation from Mother Nature."

The Linnewebers contest field was planted to corn the previous year. After harvest, they knifed in 10,000 gallons per acre of hog manure, then seeded a cover crop of radishes, rye, rape and crimson clover with 150 pounds of potash. A week ahead of planting, they burned off the cover crop and injected 100 pounds per acre of anhydrous ammonia.

On May 2, the Linnewebers planted the entry field at a variable rate population of 38,000 to 40,000 seeds per acre. Immediately after planting, they applied Corbis and Atrazine in a 20 gallons per acre 28 percent nitrogen carrier. The application also included three gallons of thiosulfate, one quart of zinc and one pint of boron.

At V3, they sidedressed another 150 pounds of nitrogen. "It was still pretty wet," says Wally. "When we flew a drone over the field later in the summer, we could still see the tracks of where we had been with the equipment earlier that spring."

For additional weed control, they were back on the field with Roundup and Atrazine at V7. In the same pass, they applied the growth regulator RyzUp SmartGrass. "Our harvest report shows it was worth 10 additional bushels," says Wally.

At tasselling, the Linnewebers made an aerial application of HeadlineR. "With $3 corn, we don't think it pays to spray it on all of our acres," says Wally. "But it depends on the hybrid."

The family is already mapping out strategies for next year's contest. Utilizing a starter fertilizer is one of the steps they're considering. "We want to see if the starter will give the corn a little boost if we have to plant in cold and wet conditions. You can't over-emphasize getting the crop off to a good start."

Yield Boosters

- Match the right hybrids with the right soils.
- Utilize fungicides selectively.
- Get the crop off to a good start.

Second Place

TIM, DAN & JOE DURICK

Council Bluffs, IA

317.7469 bu./acre
Pioneer P2089AM
Population: 33,000
Harvester: John Deere S670

SUPERVISORS

Rick L. Killion: Ag Loan Officer, American National Bank
Adam Leber: Ag Loan Officer, US Bank

As soon as the corn in their contest entry came out of the ground, the Duricks—Tim and sons/partners, Dan and Joe—had a hunch the yield was likely to be something special. "We had an unusually wet spring and summer overall," says Tim. "But the conditions when we planted were excellent. The corn popped out of the ground and never looked back. From day one, it had the look of a good field of corn."

This family takes a fairly straightforward approach to growing corn. "If you have high fertility, quality seed, good equipment and cooperation from the weather, the odds of producing a high yield are pretty good," says Tim.

Muddy conditions meant the Durick's weren't able to sidedress nitrogen on their contest field. "Pre-planting, we knifed in 220 pounds of anhydrous ammonia," relates Tim. "The fertility levels were high enough to carry the crop through."

An aerial application of Headline Amp at brown silk also helped the entry live up to its yield potential. "It (fungicide) was a big benefit in our area this year," says Tim. "With all the rain, there was lot of disease pressure. Some local agronomists are saying it might have been worth 20 to 30 bushels."

Third Place

ROBERT LITTLE

Hebron, IN

302.5995 bu./acre
Pioneer P1197AM
Population: 39,000
Harvester: Case IH 5130

SUPERVISORS

Guy A. Carlson: Ag Loan Officer, DeMontte State Bank
Nicole Witkowski: Extension Educator, Purdue University Extension

Bob Little had to overcome an extremely wet June to earn third-place honors in this class. "From the time it started raining the last weekend in May through the second of July, we had a little over 18 inches of rain," says Little, who planted his contest entry on May 6. "In mid-June, we started pumping water out of the field into a ditch and we kept that up for 55 days straight. It was miserable."

When the rains finally subsided, the corn was about a week behind normal. To help the crop catch up, Little took to the skies at V8, applying one quart each of born and manganese and four ounces of Approach fungicide. Little was back in the air 10 days before tasselling with an application that included 10 ounces of Headline Amp, one quart of boron and one quart of Nutrient Compass. At R2, he came back with six ounces of Headline and eight ounces of Exploit.

When a heavy flight of earworm moths swept in five days later, he made one final aerial application with eight ounces per acre of Asana XL. "It was a challenging year and then some," says Little. "But I guess that's what keeps things interesting."

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · John Deere · DuPont Pioneer

AA NO-TILL/STRIP-TILL NON-IRRIGATED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IOWA										
Tim, Dan & Joe Durick Council Bluffs, IA	317.7469	Pioneer P2089AM™	AM,LL,RR2	—	33000	—	Atrazine, Callisto Generic Roundup	—	180/0/0	John Deere 1790 John Deere S670
Robert Jensen Neola, IA	302.4527	DEKALB DKC64-89RIB	VT2P/RIB	—	32000	—	—	—	232/115/54	John Deere 1790 CCS John Deere S660
Doug Bowen Malvern, IA	282.4162	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	32500	—	2,4-D, AMS Basis Blend, Halex GT Roundup PowerMax	—	210/100/100	John Deere 1790 John Deere S670
ILLINOIS										
Marla Arkels Peru, IL	290.0062	DEKALB DKC62-08RIB	SS/RIB	Stoller BioForge ST, Poncho 1250+Votivo	39500	—	Verdict	—	378/172/192	John Deere 1770NT John Deere S680
Aaron Gingerich Lovington, IL	288.4010	DEKALB DKC64-87RIB	SS/RIB	—	36000	—	AAtrex Atrazine Capreno, Princep Roundup PowerMax	Headline AMP	0/0/0	John Deere 1770NT John Deere S670
Scott Ziegler White Heath, IL	286.9811	DEKALB DKC64-87RIB	SS/RIB	Acceleron Poncho 250	35000	—	AAtrex 4L, Balance Flexx Roundup PowerMax	—	290/30/10	White 6122 White 9700
INDIANA										
Jeannie Linneweber Vincennes, IN	318.9243	Pioneer P1257AM™	AM,LL,RR2	Poncho 1250	33000	Warrior II	2,4-D LV4 Lexar, Lumax Roundup PowerMax	—	165/50/50	John Deere 1790 John Deere 9660 STS
Robert Little Hebron, IN	302.5995	Pioneer P1197AM™	AM,LL,RR2	Dynasty Poncho 1250	40000	Defcon 2.1G	Buccaneer Plus Cinch ATZ, Status	Approch Prima Priaxor	340/90/122	John Deere 7200 Case IH 5130
Joshua Schutter Wheatland, IN	285.7620	Pioneer P1257AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	40000	—	—	—	0/0/0	John Deere 1790 Case IH 8010
MINNESOTA										
Gary Redalen Fountain, MN	281.3657	DEKALB DKC54-38RIB	SS/RIB	Acceleron Poncho 250	37000	—	Roundup PowerMax TripleFLEX	—	61/20/120	John Deere 1770NT CCS ProXP John Deere S660
Rod Nelson Chatfield, MN	267.1446	DEKALB DKC53-58RIB	VT2P/RIB	Acceleron	34000	—	2,4-D Halex GT, Roundup	Headline AMP	172/108/300	Kinze 3600 Case IH 2388
David Petersen Alden, MN	258.7969	DEKALB DKC53-56RIB	SS/RIB	Poncho 500	35500	—	AAtrex DF Outlook Roundup WeatherMax	Headline AMP	177/70/120	Case IH 1230 Stackerbar Early Riser Case IH 6088
MISSOURI										
Mark Ball Fairfax, MO	286.0059	DEKALB DKC62-98RIB	VT2P/RIB	Acceleron	33500	—	—	—	250/100/80	John Deere 7000 Case IH 1640
Matthew Cox Scott City, MO	273.4452	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Amplify D Poncho 250	33000	—	Cinch ATZ	—	300/50/120	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670 STS
Gary Porter Mercer, MO	265.9326	Pioneer P2088AM™	AM,LL,RR2	—	38000	Hero	Roundup PowerMax	Priaxor	200/40/60	John Deere DB60 John Deere S680
OHIO										
James Jacobs Bloomingburg, OH	276.9825	Seed Consultants SCS 10HR43	RR2/HX/LL	Poncho 1250+ VOTiVO	34000	Sniper	AAtrex 4L, Corvus Roundup Max	Stratego YLD	220/92/120	Kinze 3600 John Deere 9570
Chris Waymire Yellow Springs, OH	268.0480	DEKALB DKC63-33RIB	SS/RIB	Poncho 500	34000	Capture	2,4-D Ester, AAtrex 4L Corvus, Interlock Roundup PowerMax	Headline AMP	210/52/85	White 9500 CFS Flex Case IH 7230
Dale Stewart Springfield, OH	256.2333	DEKALB DKC62-77RIB	SS/RIB	Acceleron	37500	Perm-Up	AAtrex NineO DF Corvus, Princep 4L	Stratego YLD	219/63/169	Kinze 3600 John Deere 9560 STS
WISCONSIN										
Brad Mezera Bagley, WI	289.8018	Pioneer P1151R	RR2	Acceleron	45000	—	Breakfree ATZ Lite Realm Q Roundup	—	300/55/125	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9750
Mike Mezera Bagley, WI	287.5446	DEKALB DKC60-67RIB	SS/RIB	Acceleron	45000	—	Breakfree ATZ Lite Realm Q Roundup	—	300/55/125	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9750
Jeff Mezera Bagley, WI	285.4528	DEKALB DKC63-33RIB	SS/RIB	Acceleron	45000	—	Breakfree ATZ Lite Realm Q Roundup	—	300/55/125	John Deere 1780 MaxEmerge Plus Drawn Narrow-Row John Deere 9750

First Place

DAVID HULA
Charles City, VA

532.0271 bu./acre
Pioneer P1197AM
Population: 54,500
Harvester: John Deere S670

SUPERVISORS
John Allison: County Extension Agent, Virginia State University Extension
Brian Noyes: District Manager, SWCD
Phil Hickman: Marketing Specialist, Virginia Dept. of Ag and Consumer Services

David Hula keeps pushing onward and upward. Two years ago, Hula set a world record with a yield of 454 bu./acre in this class. Last year, he bested that mark by 21 bushels to capture first place honors again. This year, he's back with another top finish and another world record.

Hula was a little nervous at the start of the season when cold, wet weather kept him out of the field. He worked with agronomist Paul Bodenstein of ag.Systems to track growing degree units (GDUs) so he can get the crop into the ground when soil and plant temperatures are just right. "We were looking for 40 GDUs in a five-day period," Hula says. "That didn't happen until May 4. My dad tells me it's the first time ever that corn wasn't planted in April on Renwood Farms."

Hula planted Pioneer P1197AM, a 111-day hybrid, at a rate of 57,000 seeds per acre. "We had it in our variety plots last year," he says.

"It's a shorter corn with good standability, excellent plant health and very good test weights."

To get the crop off to a good start, Hula over-treated the seed with Invigor8 and zinc, along with Poncho 1250/VOTiVO (for early season protection against pests). He also placed five gallons per acre of a low-salt fertilizer, biologicals and Xanthion fungicide in-furrow.

For starter fertilizer he applied his normal 2:1 ratio of nitrogen to phosphorus along with sulfur, zinc, boron, humic and fulvic acids, putting half on each side of the row two inches below and three inches on either side of the row. "We got the idea for starter on both sides of the row from (Georgia corn grower) Randy Dowdy," Hula relates. "Our observations and tissue levels show it gives the plants better access to nutrients."

At V4, he sidedressed additional nitrogen and sulfur and sprayed micronutrients and biologicals. "The recordkeeping we've done over the years shows V3/V4 is a critical stage," Hula explains. "The plants are starting to photosynthesize so it's important to get the plant nutritionally balanced without the plant exerting much energy."

Starting around V12, Hula fertigates additional nitrogen, phosphorus, potash and micronutrients onto the crop through irrigation pivots every three to four days. He figures somewhere around 30 percent of his total N-P-K goes on between V12 and tassel. "It's all about keeping that plant healthy and green for as long as possible," he says.

Yield Boosters

- Plant when soil conditions are just right.
- Get the most out of starter fertilizers.
- Provide nutrients when the crop needs them.

Second Place

CRAIG HULA
Charles City, VA

485.3696 bu./acre
DEKALB DKC64-89RIB
Population: 52,000
Harvester: John Deere S670

SUPERVISORS
John Allison: County Extension Agent, Virginia State University Extension
Brian Noyes: District Manager, SWCD
Phil Hickman: Marketing Specialist, Virginia Dept. of Ag and Consumer Services

Getting corn planted just so may be the single important thing a grower can do to ensure a high-yield crop, says Craig Hula, son of first-place class winner and world-record holder, David Hula. "It's all about getting good, even spacing and the right seed depth so you end up with uniform emergence," he says. "If you can accomplish that, you'll be well on your way to a good yield."

The Hula's spend long hours in the shop to make sure their John Deere 1770NT planter is in tip-top shape. "We annually replace no-till coulters, double disc openers and seed firmers and work closely with Rob Garey, our Precision Planter dealer, on calibrating our corn meters," says Craig. "This year, we added Delta Force to get more control of down-pressure. "It made a believer out of me. Among other things, it eliminates all sidewall compaction. That allows the developing root system of each plant to move horizontally in the soil without any obstacles. That helps with even emergence."

Craig keeps planting speed at no more than 4.5 mph. "The faster you go, the less control you're going to have over even spacing and consistent seed depth," he says.

Third Place

KEVIN DOWDY
Valdosta, GA

444.1493 bu./acre
Pioneer P1794VYHR
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

Producing winning contest yields was a family affair for the Dowdy's this year. To go along with Kevin's third-place finish in this class, four more family members, including Kevin's brother, Randy, also earned national awards in two other classes.

Uniform stand emergence was a constant among the family's winning entries. "It's so crucial to yield," says Randy. "Ideally, you want all of the plants coming up within a few hours of each other. When a plant doesn't emerge at the same time as all the others, it quite often becomes a weed and yield loss is inevitable."

Getting the kind of emergence Randy is looking for involves paying close attention to a variety of details. He looks to plant when soil temperatures and moistures are optimum. Once he gets into the field, he slows the planting speed to avoid inconsistent seed spacing and to ensure uniformity of seed depth.

To up the odds of even emergence on irrigated ground, Dowdy turns the pivots on and pumps .20 to .30 inches of water if there's any kind of soil crust. "Everybody wants 300-bushel corn," he says. "To get it, start with a 300-bushel stand. It all starts with uniform emergence. That box has to be checked first."

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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED										
ALABAMA										
Will Curtis Troy, AL	305.8256	DEKALB DKC67-72	VT2P	—	38000	—	Atrazine+Roundup	Headline AMP	280/100/100	John Deere 1700 MaxEmerge XP John Deere S660
Steve Tate Meridianville, AL	280.5668	Pioneer P1257YHR	YGCB,HX1, LL,RR2	PPST 250	37000	—	Atrazine 4L, Halex GT Roundup PowerMax Sterling Blue	Quilt Xcel	326/75/75	John Deere DB60 John Deere S680
Angela Dee Aliceville, AL	250.3387	DEKALB DKC64-69	VT3P	Poncho 250	39000	—	AMS, Atrazine Halex GT, Leadoff	—	400/30/40	John Deere 1720 CCS Stack-Fold John Deere S690
ARKANSAS										
Steven Haywood Success, AR	226.4994	DEKALB DKC66-87	VT2P	Acceleron	36000	—	Atrazine Bicep	—	300/90/120	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
Keith Turner Success, AR	220.0814	Pioneer P1311AMXT™	AMXT,LL,RR2	Poncho 1250 Raxil	34000	—	Atrazine Bicep	—	300/90/120	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
COLORADO										
Alan Welp Wray, CO	306.3286	DEKALB DKC62-27RIB	DGVT2P/RIB	Acceleron	31500	—	—	—	270/60/5	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S680
Byron Weathers Yuma, CO	295.7399	Pioneer P1151AM1™	AM1,LL,RR2	Amplify L Poncho 1250	39000	—	AAtrex 4L, Lumax Roundup RT3	—	400/40/50	Case IH 1230 Stackerbar Early Riser Case IH Axial-Flow 9120
Jim Lenz Holyoke, CO	280.9331	DEKALB DKC62-78RIB	DGVT2P/RIB	—	33000	—	—	—	0/0/0	John Deere 1760 John Deere S680
DELAWARE										
Gary Ockels Milton, DE	300.5600	DEKALB DKC62-08RIB	SS/RIB	Acceleron Poncho 250	41000	Sniper	Lexar Roundup	—	484/57/199	Case IH 1255 Front-Fold Early Riser Case IH 7120
Christopher Wyatt Harrington, DE	297.3321	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	35000	Capture LFR	Lexar Roundup Simazat 4L	Headline AMP	260/14/0	Kinze 3500 John Deere 9770 STS
FLORIDA										
Kevin Murphy Jasper, FL	328.0726	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Poncho 250	33150	Bifenture	Expert	Quilt Xcel	310/90/280	Monosem Twin Row John Deere 9500
Stan Murphy Tampa, FL	313.6221	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	32600	Bifenture	Expert	Quilt Xcel	300/90/280	Monosem Twin Row John Deere 9500
Craig Bishop Marianna, FL	268.4546	DEKALB DKC64-69	VT3P	—	40000	Counter	Atrazine Roundup	—	200/50/200	Monosem MS Double Row John Deere S660
GEORGIA										
Kevin Dowdy Valdosta, GA	481.0820	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Poncho 1250	48000	—	Atrazine Roundup	Priaxor	500/150/300	John Deere 1700 MaxEmerge Vacuum John Deere S680
Jared Dowdy Valdosta, GA	467.1679	Pioneer P1602YHR	YGCB,HX1, LL,RR2	Poncho 1250	46000	—	Atrazine Roundup	Priaxor	450/100/400	John Deere 1700 MaxEmerge Vacuum John Deere S680
Rick LaGuardia Colquitt, GA	278.5253	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	29000	—	—	—	215/120/120	John Deere 7300 MaxEmerge 2 John Deere S660
IOWA										
Greg Lynott Hawarden, IA	280.8727	Mycogen Seeds 2G685	3000GT	Cruiser MAX	35000	—	Halex GT Roundup WeatherMax	Quilt Xcel	244/0/0	Kinze 3200 Case IH Axial-Flow 1660

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
Roy Folkerts Inwood, IA	258.9077	Pioneer P1197AM™	AM,LL,RR2	Amplify D Poncho 250	36800	Aztec	2,4-D LV6 Abundit Extra, Atrazine 4L Breakfree, Realm Q	—	275/0/0	John Deere 1770 NT CCS John Deere 9500 SideHill
Todd Folkerts Inwood, IA	257.9772	Pioneer P1197AM™	AM,LL,RR2	Amplify D Poncho 250	37000	Aztec 4.67G	2,4D,LV6 Abundit Extra, Atrazine 4L Breakfree, Realm Q	—	275/0/0	John Deere 1770 NT CCS John Deere 9500 SideHill
IDAHO										
David Hults Gooding, ID	267.4476	DEKALB DKC57-75RIB	SS/RIB	—	36600	—	Clarity Durango DMA Surpass	—	300/40/40	John Deere 1725 Integral Stack-Fold John Deere S670
ILLINOIS										
Jeff Scates Shawneetown, IL	261.3353	Pioneer P2089AM™	AM,LL,RR2	—	36000	Capture LFR Hero	AAtrex Abundit Extra Breakfree, Realm Q	Approach	280/140/360	John Deere DB80 John Deere S690
Brian Mills New Boston, IL	261.3193	Pioneer P1360	CONV	Poncho 250	34500	—	Atrazine Impact, Volley ATZ	Headline AMP	240/34/30	John Deere 1770 NT CCS Case IH 6088
Mallory Thompson Crossville, IL	246.3752	Channel 214-00DGVT2PRIB	DGVT2P/RIB	—	42000	Lambda	Corvus	Stratego	320/200/200	Kinze 3700 Case IH 9230
INDIANA										
Craig Williams Oaktown, IN	289.4904	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	36500	—	Abundit Extra Cinch ATZ, Laudis	Stratego YLD	250/100/150	Kinze 3600 John Deere 9560 STS
Jeff Herrold Valparaiso, IN	270.2306	Wyckoff 2690 V3PRIB	VT3P/RIB	—	37000	—	Corvus	—	320/100/200	Case IH 1200 Pivot Case IH 2188
KANSAS										
Vern Nightengale Copeland, KS	302.3733	Pioneer P1311AMXT™	AMXT,LL, RR2	Poncho 250 Raxil	34000	—	Lumax	—	325/0/0	Monosem Twin Row John Deere S670
Rusty Sherwood Sublette, KS	301.2998	Pioneer P1197AM™	AM,LL, RR2	—	36000	—	—	—	0/0/0	John Deere 1710 Vacuum John Deere S670
Max Linin Goodland, KS	300.8176	Pioneer P1197CHR	RW,HX1, LL,RR2	—	30000	—	—	—	215/22/0	John Deere 1720 CCS Stack-Fold John Deere S670
KENTUCKY										
Don Halcomb Adairville, KY	304.0126	Pioneer P2089AM™	AM,LL,RR2	PPST 250	38000	—	2,4-D LV4 AAtrex 4L, Leadoff Roundup WeatherMax Status, Steadfast Q	Priaxor	480/322/293	John Deere DB60 John Deere S680
Steve Hunt Herndon, KY	269.2431	DEKALB DKC62-08RIB	SS/RIB	Poncho 1250	38000	Tundra	Atrazine, Lexar Touchdown Total	Priaxor	275/110/140	Case IH 1250 Front-Fold Early Riser Case 9230
Darrin Hunt Herndon, KY	261.0248	DEKALB DKC67-72RIB	VT2P/RIB	Poncho 1250	36000	Tundra	Atrazine, Lexar Touchdown Total	Priaxor	275/110/140	Case IH 1250 Front-Fold Early Riser Case IH 9230
LOUISIANA										
Jerry Reeves, Jr. Winnsboro, LA	244.8995	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	34000	—	—	—	290/90/70	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
Randy Moroni Winnsboro, LA	243.0093	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Cruiser 250	33000	—	—	—	280/70/70	John Deere 1700 MaxEmerge XP John Deere S670
Case Moroni Winnsboro, LA	239.1503	Pioneer P1690YHR	YGCB,HX1, LL,RR2	Cruiser 250	33000	—	—	—	280/70/70	John Deere 1700 MaxEmerge XP John Deere S670

NO-TILL/STRIP-TILL IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
MASSACHUSETTS										
Gene Kosinski Westfield, MA	287.9724	Channel 199-00DGT2PRIB	GENDGVT2PRIB	Acceleron	35000	—	—	—	290/20/140	Kinze 2500 Case IH 2366
MARYLAND										
Bruce Bartz Denton, MD	334.8545	DEKALB DKC62-97	VT3P	Acceleron	43200	Warrior II	Atrazine Roundup Halex GT	Quilt Xcel	350/175/400	Kinze 3600 John Deere 9870 STS
MICHIGAN										
Marshall Landis Schoolcraft, MI	269.5178	DEKALB DKC57-92RIB	SS/RIB	—	36000	—	Lumax EZ	—	230/45/150	John Deere 1770 NT CCS John Deere S690
Ronnie Landis Schoolcraft, MI	264.6272	DEKALB DKC60-67RIB	SS/RIB	—	36000	—	Lumax EZ	—	235/45/150	John Deere 1770 John Deere S690
Chad Burger Niles, MI	261.9487	DEKALB DKC57-75RIB	SS/RIB	Acceleron Poncho 250	33000	—	Lexar Roundup	Stratego YLD	190/30/100	John Deere 1770NT John Deere 9650 CTS
MINNESOTA										
Jenna Sobeck Winona, MN	271.2827	DEKALB DKC60-67RIB	SS/RIB	Poncho 1250	36000	—	Class Act, Halex GT Interlock	—	250/48/160	Kinze 3600 Case IH 5088
Jeff Tiemann Royalton, MN	254.9895	DEKALB DKC48-12RIB	SS/RIB	Acceleron	34500	—	SureStart	—	205/10/200	Case IH 1240 Pivot-Transport Early Riser New Holland CR9060 Twin Rotor
Robert Braun Le Sueur, MN	238.2376	DEKALB DKC57-75RIB	SS/RIB	Acceleron	31500	—	Durango SureStart	—	190/9/112	John Deere 7000 Front-Fold MaxEmerge Gleaner S77
MISSOURI										
Jerry Cox Delta, MO	301.2979	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Amplify L Poncho 250	35000	—	—	—	300/50/120	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670 STS
Glenda Hinkebein Chaffee, MO	279.4121	DEKALB DKC65-19RIB	VT3P/RIB	Poncho 500	33500	Capture	Caprino	—	280/90/110	John Deere 1720 MaxEmerge XP Case IH 9230
Carl Landewee Chaffee, MO	278.1251	DEKALB DKC65-19RIB	VT3P/RIB	Poncho 500	33500	Capture	Capreno	—	280/90/110	John Deere 1720 MaxEmerge XP Case IH 9230
MISSISSIPPI										
Joe Huerkamp Macon, MS	263.2070	Pioneer P2160YHR*	YGCB,HX1, LL,RR2	Cruiser 250	35000	—	—	—	250/60/120	John Deere 1720 Claas Lexion 740
Philip Good Macon, MS	208.8951	DEKALB DKC66-97VT2P	GENVT2P	Poncho 250	34500	—	Atrazine 4L Halex GT	—	230/100/120	John Deere 1720 MaxEmerge XP John Deere S670
MONTANA										
Ernie Icopini Hysham, MT	219.7669	Pioneer P8639AM™	AM,LL,RR2	Poncho 250 Raxil	36000	—	Roundup PowerMax Status, Verdict	—	200/120/80	Monosem NG Plus Case IH 9230
Brent Icopini Hysham, MT	218.9295	Pioneer P9690AM™	AM,LL,RR2	Poncho 250 Raxil	36000	—	Roundup PowerMax Status, Verdict	—	200/120/80	Monosem NG Plus Case IH 9230
NORTH CAROLINA										
Kevin Matthews East Bend, NC	287.4419	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Invigor8, Poncho 1250+VOTiVO	38000	Tombstone Helios	Atrazine 4L, Banvel Bicep II, Resolve Q	Headline AMP Priaxor	300/125/200	John Deere DB44 John Deere S680
Robert Naylor Clinton, NC	270.0870	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Poncho 1250+ VOTiVO	40000	—	Atrazine, Bicep Dual, Roundup	Headline AMP	320/100/200	John Deere 1700 John Deere 9670
Henry Locklear Maxton, NC	266.3274	DEKALB DKC62-08	SS	Poncho 1250	36000	Fanfare	2,4-D, Armezon Atrazine, Roundup	Headline AMP	280/60/80	John Deere 1790 CCS John Deere S670

NO-TILL/STRIP-TILL IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NORTH DAKOTA										
Cody Frauenberg Lamoure, ND	280.3607	DEKALB DKC46-36RIB	SS/RIB	Jump Start, Poncho 250, Conklin, Acceleron, Amplify	42000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline	300/60/40	John Deere DB66 Case IH 9230
James Frauenberg LaMoure, ND	278.6778	DEKALB DKC46-20RIB	VT3P/RIB	Jump Start, Poncho 250, Conklin, Acceleron, Ascend	42000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline	300/60/40	John Deere DB66 Case IH 9230
Scott Wettstein Lidgerwood, ND	244.1696	DEKALB DKC52-84RIB	SS/RIB	Amplify L+ Poncho 1250	34000	Capture LFR	Roundup PowerMax Verdict	Priaxor Stamina	240/10/30	John Deere 1770NT CCS ProXP John Deere 9770 STS
NEBRASKA										
Scott Bunger Axtell, NE	335.0399	Pioneer P1197AM™	AM,LL,RR2	Acceleron Poncho 250	33200	—	—	—	292/70/30	John Deere 1720 MaxEmerge XP John Deere S660
Bruce Schmit Bellwood, NE	302.8699	Producers Hybrids 7268STXRIB	SS/RIB	Poncho 250	36100	—	Lumax	—	240/86/120	Kinze 3400 Massey Ferguson 9560
Rex Peterson Riverdale, NE	301.2757	Pioneer P0801AM™*	AM,LL,RR2	Cruiser Poncho 250	34000	—	Halex GT	—	255/70/0	John Deere 1720 CCS John Deere 9860 STS
NEW HAMPSHIRE										
William Llewelyn Northfield, MA	248.0251	Pioneer P9754AM™	AM,LL,RR2	Amplify D Poncho 1250	37000	—	Lumax	—	235/40/225	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
NEW JERSEY										
Sarah Santini Phillipsburg, NJ	314.0038	DEKALB DKC64-87RIB	SS/RIB	—	36000	—	AAtrex Roundup Guardsman	Priaxor	250/100/100	John Deere 1790 CCS John Deere 9550
NEW MEXICO										
Jared Gordon Dalhart, TX	289.9211	Pioneer P1311AMXT™	AMXT,LL,RR2	Cruiser 250	32000	—	—	—	300/70/70	John Deere 1770 NT CCS Case IH 8230
NEW YORK										
Anthony Dellarocco Melrose, NY	297.6758	DEKALB DKC58-83RIB	VT3P	Amplify L Poncho 1250	44000	Capture LFR	Outlook Status, Verdict	Headline AMP	240/50/325	Case IH 1250 Front-Fold Early Riser Case IH 2588
Christine Jones Catskill, NY	269.8030	Pioneer P0604AM™	AM,LL,RR2	—	34500	—	Lexar	—	250/20/80	John Deere 1770NT John Deere 9770
Adrianna Jones Catskill, NY	263.3102	Pioneer P0993HR	HX1,LL,RR2	—	34500	—	Lexar	—	250/20/80	John Deere 1770NT John Deere 9770
OHIO										
Mike Funderburgh North Lewisburg, OH	266.4969	Pioneer P1197AM™	AM,LL,RR2	PPST 250	34000	Brigade	Halex GT	—	256/82/70	John Deere 1790 CCS John Deere 9660 STS
Jim Motycka Napoleon, OH	257.8354	Pioneer P0825AMXT™*	AMXT, LL,RR2	Pioneer Premium	32000	—	Corvus	—	250/54/110	Case IH 1255 Front-Fold Early Riser Case IH 5140
Matt Milless Amanda, OH	254.8025	Seed Consultants 1135	CONV	Poncho 500	36000	Pilot 15G	2,4-D Round up Atrazine Status	Headline AMP	250/100/75	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
OKLAHOMA										
Jerod McDaniel Texhoma, OK	304.6728	Pioneer P1197CHR	RW,HX1, LL,RR2	—	31000	—	—	—	280/60/5	John Deere 1700 John Deere 8820
Taylor Clark Texhoma, OK	297.6998	Channel 214-45STXRIB	SS/RIB	Poncho 500	55000	—	—	—	400/60/20	Monosem Twin Row John Deere S680
Ciara Keezer Clayton, NM	295.1982	DEKALB DKC61-79	VT2P	Poncho 250	30000	—	—	—	300/0/0	John Deere 1720 Case IH 7088

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
OREGON										
Vern Frederickson Boardman, OR	309.2802	DEKALB DKC62-06	CONV	Acceleron Poncho 250	37000	—	Armezon, Verdict Roundup PowerMax	—	270/75/50	John Deere 7340 John Deere 9770 STS
Nolan Mills Boardman, OR	255.2926	Pioneer P1266	CONV	Poncho 250	36000	—	—	—	0/0/0	John Deere 7300 MaxEmerge 2 John Deere S680
PENNSYLVANIA										
Clifford Charles Lancaster, PA	295.6608	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	36000	Warrior II	Brawl II ATZ Halex GT, SureStart Touchdown Total IQ	Priaxor Quilt Xcel	290/50/110	Kinze 3600V Case IH 8010
Richard Alger Lebanon, PA	285.6439	DEKALB DKC64-87RIB	SS/RIB	Acceleron	34000	Capture	AAtrex, Princep Prowl H20, Roundup Status	—	250/120/180	John Deere 1775NT John Deere S670
Rhonda Mast Morgantown, PA	276.9664	Pioneer P1197AMXT™	AMXT,LL, RR2	Poncho 250	32500	Province	Balance Flexx Brawl II ATZ Gramoxone SL	—	295/0/0	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9600
SOUTH CAROLINA										
Ray Jameson Orangeburg, SC	323.0808	Pioneer P1303HR	HX1,LL,RR2	Amplify L Poncho 250	43200	Counter 20 G	Atrazine 4L Impact Roundup PowerMax	Approach	250/30/100	John Deere 1700 MaxEmerge XP Case IH 6088
Daniel H Garrick Cope, SC	300.7880	DEKALB DKC67-72	VT2P	Poncho 250	34000	Brigade Counter 20 G Perm-up	2,4-D Roundup Aatrex+Atrazine Impact	Stratego YLD	285/150/180	John Deere 1700 MaxEmerge XP Case IH 7130
William Jameson Elloree, SC	292.8462	Pioneer P2088R	RR2	Amplify L Poncho 250	34500	Counter 20 G	Atrazine 4L Impact Roundup PowerMax	Approach	250/30/100	John Deere 1700 MaxEmerge XP Case IH 6088
SOUTH DAKOTA										
Joey Waldner Huron, SD	288.6198	Pioneer P0533AM1™	AM1,LL, RR2	Poncho 250	35000	—	Harness Xtra Roundup PowerMax	Stratego YLD	200/60/30	John Deere 1790 John Deere S670
Bennett Waldner Huron, SD	284.9615	Pioneer P1197AMXT™	AMXT,LL, RR2	—	34000	—	Atrazine 90 Corvus	—	300/100/50	John Deere DB44 John Deere 9770 STS
Randy Svendsen Yankton, SD	280.0582	DEKALB DKC62-98RIB	VT2P/RIB	Acceleron	39000	—	Sharpen Verdict	Affiaince	250/105/75	John Deere 1770 Conservation John Deere 9650 STS
TENNESSEE										
Justin Woodall Decherd, TN	282.4623	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	36000	—	—	—	275/60/40	John Deere 1770NT Claas Lexion 740
George McDonald Riddleton, TN	266.8509	LG Seeds LG5618 VT2PRIB	VT2P/RIB	Poncho 500	44000	—	Atrazine 4L Dicamba, Halex GT Leadoff, Status Roundup PowerMax	Quadris	340/0/200	Kinze 3700 Case IH 8230
David Wilson Paris, TN	260.2400	Pioneer P1257YHR	YGCB,HX1, LL,RR2	Poncho 250	29500	Lambda Lambda-Cy	Atrazine, Bicep Gly Plus, Realm Q Gramoxone	Avaris	240/90/100	Kinze 3600 John Deere 9770
TEXAS										
Donny Carpenter Dimmitt, TX	314.6661	Pioneer P1625CHR	RW,HX1, LL,RR2	Cruiser Extreme 250, Poncho 1250	38000	—	—	—	300/20/10	John Deere DB60 John Deere S680

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
Jarret Weinheimer Groom, TX	285.5910	Dyna-Gro D55VP77RIB	GENVT3PRIB	Acceleron Poncho 250	31000	—	Atrazine 4L Balance Flexx Makaze, Sharpen Status	—	300/100/0	Case IH 1230 Stackerbar Early Riser John Deere S670
UTAH										
Lynn Summers Tremonton, UT	264.2276	DEKALB DKC49-72RIB	SS/RIB	—	39000	—	—	—	0/0/0	John Deere 1700 MaxEmerge XP John Deere S670
Joseph Summers Tremonton, UT	262.5443	DEKALB DKC50-84RIB	VT2P/RIB	—	39000	—	—	—	0/0/0	John Deere 1700 MaxEmerge XP John Deere S670
Lee Summers Tremonton, UT	257.2521	DEKALB DKC43-10RIB	VT2P/RIB	—	39000	—	—	—	0/0/0	John Deere 1700 MaxEmerge XP John Deere S670
VIRGINIA										
David Hula Charles City, VA	532.0271	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	54500	—	Bicep II Halex GT	Headline AMP Priaxor	500/100/450	John Deere 1770NT John Deere S670
Craig Hula Charles City, VA	485.3696	DEKALB DKC64-89RIB	VT2P/RIB	Invigor8 Poncho 1250	50150	Karate Prevathon	Bicep II Halex GT Metrabuzin Roundup	Headline AMP Priaxor	480/120/400	John Deere 1770NT John Deere S670
Chris Calahan Hanover, VA	273.5455	Pioneer 32B16 WH/HX1/LL/RR2	WH,HX1, LL,RR2	Poncho 1250	35200	—	Lumax EZ Simazat 4L	—	320/55/300	Kinze 3660 Case IH 8230
WISCONSIN										
Rick Hargrave Sarona, WI	265.7132	DEKALB DKC62-08	SS	—	36000	—	—	—	0/0/0	Kinze 3600 John Deere S670
Carla Hargrave Sarona, WI	265.2407	DEKALB DKC54-40RIB	VT2P/RIB	—	36000	—	—	—	0/0/0	Kinze 3600 John Deere S670
Mark Bacon Hancock, WI	259.6543	Pioneer P0506AM™	AM,LL,RR2	—	35000	—	Cinch ATZ Lite Credit Extra	—	320/30/156	John Deere 1725 Integral Stack-Fold John Deere 9770 STS
WEST VIRGINIA										
Chris Stiles Berryville, VA	235.6450	DEKALB DKC65-19RIB	VT3P/RIB	Acceleron Poncho 250	34000	—	—	—	130/0/0	John Deere 1780 John Deere 9660
Lynn Widmyer Charles Town, WV	227.4044	Pioneer P1197AM™	AM,LL,RR2	—	33000	—	Basis	—	190/75/75	John Deere 7000 Case IH 1660
WYOMING										
Kristin Hinman Wheatland, WY	254.2348	Pioneer 35F37	RR2	Amplify D Poncho 1250	37680	—	Aim Buccaneer Glyphosate Prowl H2O	—	300/250/100	John Deere 1720 MaxEmerge XP John Deere 9500
Robert Cook Lingle, WY	241.1387	Pioneer P9305AM™	AM,LL,RR2	Poncho 250	32000	—	Resolve Q Roundup PowerMax Status	—	200/50/20	Case IH 1230 Stackerbar Early Riser Case IH 8010
Chris Cook Lingle, WY	217.4420	Pioneer P9690AM™	AM,LL,RR2	Poncho 250	31000	—	Resolve Q Roundup PowerMax Status	—	200/50/20	Case IH 1230 Stackerbar Early Riser Case IH 8010

First Place

RANDY DOWDY

Valdosta, GA

486.1594 bu./acre
AgriGold A6499SS/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

Randy Dowdy continues his winning ways. He has now won first-place honors in this class three out of the last four years. Last year, his winning class yield of 503.7 bu./acre set a world record.

This year, Dowdy stayed with many of the practices that have paid off for him during his successful run. He focused on getting corn planted when soil and environmental conditions were optimum, planted in a way that promoted uniform stand emergence, used tissue sampling and field records to keep nutrients flowing to plants when they were most needed and scouted fields weekly so that he could be proactive in addressing potential problems.

At the same time, Dowdy ventured beyond the comfortable and familiar to try new concepts, products and practices. "One of the best things about being in the contest is that it keeps you striving to get better," he says. "It encourages you to try some things that you haven't tried before on limited acres. If those things pan out, you can put them to work on your whole farm."

One of the "new things" that has Dowdy excited centers around applying starter fertilizer at planting. "In the past, we'd put (the starter) down two inches below the seed and two inches to one side," he explains. "But in the last couple of years, we've been going two inches below and then two inches on each side of the row. Having the starter on both sides makes the nutrients more readily available to the plant. We've observed good results."

Dowdy's decision to try a hybrid he hadn't used before—AgriGold A6499SS/RIB—offers another example of how "stretching your thinking" can pay off. "I hadn't planted any of this company's varieties before," he relates. "This one impressed me. It has good stalk strength, there was no lodging and the test weights were very good. It sometimes pays to try new things. You can't just sit back and stay comfortable with things that have worked in the past if you want to keep pushing forward."

As you'd expect, Dowdy is already looking ahead to the 2016 growing season. "I want to continue to be a student of the crop," he says. "We'll keep experimenting with different plant growth regulators to see which ones work best under certain conditions. We'll also be making more foliar applications to see if we can get a handle on the best times to get the most response."

Yield Boosters

- Plant when soil and conditions are optimum.
- Consider starter fertilizer on both sides of the seed row.
- Be open to new concepts.

Second Place

BRIDGET DOWDY

Valdosta, GA

477.0767 bu./acre
DEKALB DKC62-08
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 second-place award winner Bridget Dowdy wants insights on producing a high-yield corn crop, she turns first to her significant other, Randy. Of all of the ideas he's shared, she says, one in particular stands out. "Randy always tells people that the best thing a farmer can see in the field is his own shadow," she says. "To be successful, you have to spend time, lots of it, with the crop all through the growing season."

Randy practices what he preaches. "During the course of the season, he's out there walking each field at least once a week," Bridget relates. "Whether it's emergence, insects, plant health or something else, he's looking for any signs something might not be going exactly right. He wants to take steps to correct a problem before it gets out of hand. He can't just sit back and hope things are okay. He has to know everything is okay."

Along with his own scouting, Randy also relies on frequent reports from his employees. "It never hurts to have several sets of eyes out there," he says. "They'll see things I don't. When they do, I want to hear from them."

Third Place

DUSTIN DOWDY

Valdosta, GA

444.6112 bu./acre
AgriGold A6659
Population: 45,000
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

Dustin Dowdy's third-place finish gives his family a rare clean sweep in this contest class. Two other family members—Dustin's aunt, Michelle, and uncle, Kevin—also made it into this year's contest winner's circle in two other classes. Since 2010, when Dustin's uncle, Randy, entered the contest for the first time, the Dowdy's have earned four national first-place awards, placed second five times and captured third-place honors eight times.

While doing so well in the contest has brought tons of recognition in corn-growing circles, family members have another, more important, motivation for entering. "Being in the contest is just a great way to learn more about growing corn from some of the best growers in the world, people like David Hula, Steven Albracht and others," says Randy. "We might all be competing with one another, but we're also sharing information about how we do things. It has helped all of us get better."

There's a social component to entering the contest as well. "Over the years, I've made a lot of good friends who share my interest in, and passion for, growing corn," says Randy. "It's a pretty good deal any way you look at it."

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NATIONAL CORN YIELD CONTEST

NATIONAL CORN GROWERS ASSOCIATION

TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED										
ALABAMA										
Michael Deshazo Headland, AL	308.0377	DEKALB DKC62-08	SS	Acceleron Poncho 250	38000	—	—	—	150/90/240	Monosem MS Twin Line Case IH 2388
Chad Henderson Madison, AL	297.6558	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	37000	—	Atrazine	Headline	320/20/20	John Deere 1790 John Deere 9770
Pat Brown Meridianville, AL	283.8425	Pioneer P1197AM™	AM,LL,RR2	PPST 250	41000	—	Atrazine 4L, Halex GT Roundup PowerMax Sterling Blue	Quilt Xcel	324/75/75	John Deere DB60 John Deere S680
ARKANSAS										
Billy Tripp Searcy, AR	343.0082	DEKALB DKC67-72	VT2P	—	48000	—	Halex GT	—	500/400/600	Monosem NG Plus 4 John Deere 9870
Scott Young Portland, AR	259.1059	DEKALB DKC67-72	VT2P	Amplify L Poncho 1250	39000	—	Atrazine Roundup	—	270/90/120	Great Plains 2525A John Deere S670
Doin Bowers Corning, AR	255.7865	Pioneer P1257YHR	YGCB,HX1, LL,RR2	—	34000	—	Atrazine Bicep	—	300/100/120	John Deere 1720 MaxEmerge XP John Deere S690
COLORADO										
Steve Mauro Pueblo, CO	307.6690	DEKALB DKC64-87RIB	SS/RIB	VOTiVO	36500	—	Roundup PowerMax	—	325/50/40	Monosem NG Plus Case IH 1640
Scott Wall Yuma, CO	300.1484	Pioneer P1151AMX™	AMX,LL,RR2	Poncho 1250+ VOTiVO	37000	—	Glystar Plus Status	—	270/75/50	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9660 STS
Tyson Cure Idalia, CO	289.0094	Pioneer P1151AMX™	AMX,LL,RR2	PPST 250	33000	—	—	—	240/0/0	John Deere DB60 John Deere S670
DELAWARE										
Jonathan Snow Smyrna, DE	304.2197	Pioneer P2089AM™	AM,LL,RR2	PPST 250	40000	Fastac	Atrazine, Roundup Sharpen, Status Zidua	Headline Headline AMP	231/0/75	John Deere 1770NT John Deere S670
Mark Collins Laurel, DE	301.3088	DEKALB DKC62-08RIB	SS/RIB	Poncho 500	36000	Warrior II	Lexar	—	325/30/225	Kinze 3650 Case IH 7120
Steve Yingling Bridgeville, DE	299.5701	DEKALB DKC64-87RIB	SS/RIB	Acceleron Poncho 250	44100	—	Lexar	—	275/50/250	Kinze 3650 John Deere 9570 STS
FLORIDA										
Jimmy Murphy Jennings, FL	306.8590	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Amplify D+ Poncho 250	32120	Bifenture	Expert	Quilt Xcel	320/90/280	Monosem Twin Row John Deere 9500
GEORGIA										
Randy Dowdy Valdosta, GA	486.1594	AgriGold A6499 SS/RIB	SS/RIB	Poncho 1250	48000	—	Atrazine Roundup	Priaxor	500/200/500	John Deere 1700 MaxEmerge Vacuum John Deere S680
Bridget Dowdy Valdosta, GA	477.0767	DEKALB DKC62-08	SS	Poncho 1250	48000	—	Atrazine Roundup	Priaxor	500/150/500	John Deere 1700 MaxEmerge Vacuum John Deere S680
Dustin Dowdy Valdosta, GA	444.6112	AgriGold A6659	VT2P/RIB	Poncho 1250	44000	—	Atrazine Roundup	Priaxor	450/175/400	John Deere 1700 MaxEmerge Vacuum John Deere S680
IOWA										
David Bockman Everly, IA	264.9708	DEKALB DKC57-75RIB	SS/RIB	Acceleron	32900	—	Halex GT TripleFLEX	Headline AMP	50/0/0	John Deere 1770NT John Deere S680
Matt Lorimor Tabor, IA	261.6051	Pioneer P1197CHR	RW,HX1, LL,RR2	Poncho 1250+ VOTiVO	34000	—	2,4-D, Atrazine Halex GT, SureStart	—	200/0/0	White 8800 New Holland CR9060
Kim Dummermuth Elgin, IA	257.4533	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	34000	—	—	—	200/0/0	John Deere 1770NT John Deere 9560 STS
IDAHO										
Lawrence Whitsell Emmett, ID	309.8300	Pioneer P1105AM™	AM,LL,RR2	Poncho 1250	35000	—	Roundup UltraMax	—	300/95/0	John Deere 7100 John Deere 9660 STS
Vaughn Jensen Emmett, ID	298.7718	Pioneer P1105AM™	AM,LL,RR2	Poncho 250	34000	—	Roundup	—	320/85/85	John Deere 1710 Vacuum John Deere 9760 STS
Jeremy Morris Hagerman, ID	287.3543	DEKALB DKC52-61RIB	VT2P/RIB	—	35000	—	Durango DMA Status, Surpass	—	200/0/0	John Deere 1720 MaxEmerge XP Case IH 7230

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED – CONTINUED										
ILLINOIS										
Brigitte Young Erie, IL	316.1923	Pioneer P1417AMX™	AMX,LL,RR2	—	37000	—	Abundit Extra Breakfree	—	260/50/120	John Deere 1770NT John Deere 9870
Phillip Friedrich Green Valley, IL	300.9830	DEKALB DKC63-72RIB	GENDGVT2PR	A500	38000	—	Infantry 4L Roundup PowerMax Verdict	—	300/62/90	John Deere DB66 Case IH 8230
Dan Luepkes Chana, IL	299.8585	AgriGold A6573 VT3P/RIB	VT3P/RIB	Poncho 500+ VOTiVO	36000	—	Callisto Xtra Generic Roundup SureStart	—	248/50/120	John Deere 1770 NT CCS John Deere 9770 STS
INDIANA										
Roxann Murphy Rochester, IN	299.6186	Pioneer P1417AMX™	AMX,LL,RR2	Poncho 1250+ VOTiVO	39200	—	Atrazine 90 DF SureStart	—	300/40/120	John Deere 1770 Drawn CCS MaxEmerge John Deere S680
Del Unger Carlisle, IN	282.8761	Pioneer P2089AM™	AM,LL,RR2	—	33000	—	—	—	255/150/180	Kinze 3200 John Deere S690
Jim Daily Hope, IN	282.8241	Pioneer P2089AM™	AM,LL,RR2	Poncho 250	32000	—	—	—	200/50/120	John Deere 1760NT John Deere 9660 STS
KANSAS										
Todd Cyr Clyde, KS	298.2978	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	44000	—	Lexar Roundup	Approach Prima	375/50/0	John Deere 1770 NT CCS John Deere 9770 STS
Dennis Hamlin Hugoton, KS	277.3044	DEKALB DKC64-87RIB	SS/RIB	Acceleron	37500	—	Atrazine 4L Balance Flexx	Approach Prima	340/60/0	John Deere 1790 CCS John Deere S670
Gale Walz Saint Francis, KS	273.3460	Pioneer P1625CHR	RW,HX1, LL,RR2	Poncho 1250+ VOTiVO	40000	—	Atrazine, Dicamba Glyphosate Realm Q	—	250/30/0	John Deere 1760 Drawn Wing-Fold Flex John Deere 9770 STS
KENTUCKY										
Ralph Adams Hickman, KY	275.9116	Pioneer P2089AM™	AM,LL,RR2	—	30000	—	—	—	200/150/150	Kinze 3660 Cat Lexion 575R
Brandon Hunt Oak Grove, KY	270.4645	DEKALB DKC64-87RIB	SS/RIB	Poncho 1250	39000	Tundra	Atrazine, Lexar Touchdown Total	Priaxor	275/110/140	Case IH 1250 Front-Fold Early Riser Case IH 9230
Wayne Hunt Herndon, KY	268.6455	DEKALB DKC69-31	VT2P	Poncho 1250	36000	Tundra	Atrazine, Lexar Touchdown Total	Priaxor	275/110/140	Case IH 1250 Front-Fold Early Riser Case IH 9230
LOUISIANA										
Bill & Ken Moroni Sicily Island, LA	262.3198	Terral Seed REV 26BHR50	HX,LL, RR2,YGCB	—	34000	—	—	—	260/60/60	John Deere 1710 Vacuum John Deere 680
Dustin Carroll Gilbert, LA	256.9407	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	34000	—	—	—	300/60/60	John Deere 1700 MaxEmerge XP John Deere S680
Nolan Clark Mer Rouge, LA	253.0379	DEKALB DKC62-08	SS	Acceleron Poncho 250	41000	—	—	—	286/63/85	John Deere 1700 Twin Row John Deere S680
MASSACHUSETTS										
William Llewelyn Northfield, MA	329.4990	Pioneer P9188AMX™	AMX,LL,RR2	Amplify D Poncho 1250	38000	—	Lumax	—	235/40/225	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
MARYLAND										
David & Ronnie Andrews Hurlock, MD	306.9799	DEKALB DKC62-08RIB	SS/RIB	Poncho 500	34000	Warrior II	AAtrex 4L, Zidua Roundup Max	Stratego YLD	263/80/185	John Deere 1770NT John Deere S670
Dan Dulin Queen Anne, MD	298.4230	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	34200	Asana XL Counter 20 G	Lexar, Roundup Princep 4L	—	225/75/120	John Deere 1770NT CCS ProXP John Deere 9670 STS
Randall Willin Jr Seaford, DE	284.7199	Axis 64K24RIB	VT2PRIB	Acceleron Poncho 500	36400	Permethrin 3.2 Tombstone	Lexar Princep 4L	Franchise Quilt Xcel	209/0/120	John Deere 1760NT Case IH Axial-Flow 7120
MICHIGAN										
Don Stall Charlotte, MI	349.8197	Pioneer P0506AM™	AM,LL,RR2	Poncho 250	42500	—	AAtrex 4L, AMS Crop Oil, Realm Q Makaze Yield Pro	—	300/93/300	Kinze 2600 Case IH 8010
T Jon Drozd Allegan, MI	305.0737	Pioneer P0993HR	HX1,LL,RR2	Invigor8, PPST Poncho 1250	42000	Poncho 1250	Bicep II Callisto	Quilt Xcel	365/65/230	John Deere 1775NT John Deere S680
Jeff Hoeve Holland, MI	289.5795	DEKALB DKC62-08RIB	SS/RIB	—	38000	—	—	—	320/0/125	John Deere 1770NT John Deere 9770 STS

IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
MINNESOTA										
Joseph Hopkins Buffalo, MN	279.7212	Pioneer P0533AM1™	AM1,LL,RR2	—	35000	—	Makaze Realm Q	—	280/70/50	Case IH 1250 Front-Fold Case IH 8120
Jeff Edling Clear Lake, MN	266.1220	DEKALB DKC54-38RIB	SS/RIB	Poncho 1250+ VOTiVO	38000	—	Verdict	Headline AMP Priaxor	275/37/58	John Deere 1770 Case IH 2388
Bill Schaffer Hastings, MN	258.6872	Pioneer P0157AMX™	AMX,LL,RR2	PPST 250	37000	—	AAtrex Outlook Roundup PowerMax	—	240/14/90	John Deere DB80 Case IH 8230
MISSOURI										
Charles Hinkebein Chaffee, MO	278.9855	DEKALB DKC66-87RIB	VT2P/RIB	Poncho 500	33500	Capture	Capreno	—	280/90/110	John Deere 1720 MaxEmerge XP Case IH 9230
Jennifer Landewee Chaffee, MO	274.6013	DEKALB DKC66-87RIB	VT2P/RIB	Poncho	33500	Capture LFR	Capreno	—	280/90/110	John Deere 1720 MaxEmerge XP Case IH 9230
Gerald Malin Campbell, MO	271.7876	DEKALB DKC66-87	VT2P	—	34000	—	Bicep II Magnum Halex GT	—	275/46/100	Case IH 1200 Case IH Axial-Flow 9120
MISSISSIPPI										
Scott Flowers Dublin, MS	280.4142	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	34000	—	—	—	292/12/0	Monosem Twin Row John Deere S680
Grayden Flowers Dublin, MS	277.3140	Pioneer P2089YHR	YGCB,HX1, LL,RR2	—	34000	—	—	—	292/12/0	Monosem Twin Row John Deere S680
Clint Dunn Itta Bena, MS	269.3258	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 1250	33000	—	—	—	426/56/200	John Deere 7300 Vertical-Fold MaxEmerge 2 John Deere S680
MONTANA										
Joseph Icopini Hysham, MT	259.9071	Pioneer P9690AM™	AM,LL,RR2	Poncho 250 Raxil	36000	—	Outlook, Status Roundup PowerMax	—	235/120/90	Monosem NG Plus Case IH 9230
Bart Icopini Hysham, MT	258.7366	Pioneer P9305AM™	AM,LL,RR2	Poncho 250 Raxil	36000	—	Roundup PowerMax Status, Verdict	—	235/120/90	Monosem NG Plus Case IH 9230
Darren Miller Billings, MT	254.1672	DEKALB DKC43-48RIB	VT3P/RIB	Acceleron 500	35000	—	Roundup PowerMax	Headline	200/40/40	John Deere 7100 John Deere 9600
NORTH CAROLINA										
James Britt Calypso, NC	264.9325	Dyna-Gro D55CC77	CONV	Acceleron Poncho 250	32500	—	—	—	67/22/0	John Deere 1700 Claas Lexion 750
Carlos Manning Pantego, NC	249.6254	DEKALB DKC62-08	SS	—	40000	—	Atrazine DF Roundup	—	360/150/300	John Deere 1770 Drawn CCS MaxEmerge John Deere S680
Douglas Maxwell Creswell, NC	246.2123	Pioneer P1794VYHR^	AVBL,YGCB, HX1,LL,RR2	Poncho 1250+ VOTiVO	34000	Poncho 1250	2,4 D Atrazine 4L Roundup	—	275/60/110	John Deere 7300 MaxEmerge 2 Case IH 2166
NORTH DAKOTA										
Donna Frauenberg Lamoure, ND	279.5857	DEKALB DKC46-20RIB	VT3P/RIB	Jump Start, Poncho 250, Conklin, Acceleron, Amplify	43000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline	300/60/40	John Deere DB66 Case IH 9230
Bobby Frauenberg Lamoure, ND	278.7384	DEKALB DKC47-27RIB	DGVT2P/RIB	Jump Start, Poncho 250, Conklin, Acceleron, Amplify	40000	Kendo	Atrazine 4L Harness Roundup PowerMax	Headline	300/60/40	John Deere DB66 Case IH 9230
John Quandt Oakes, ND	250.7183	Pioneer P0157AMX™	AMX,LL,RR2	—	34000	—	Laudis Roundup PowerMax	Headline Headline AMP	250/80/100	White 9824 Case IH 9230
NEBRASKA										
John Panowicz Cairo, NE	306.7681	Pioneer P1690CHR	RW,HX1, LL,RR2	—	33000	—	AAtrex 4L Verdict	—	265/68/0	Case IH 1230 Stackerbar Early Riser Case IH Axial-Flow 7088
Mike Soneson Holdrege, NE	306.5131	Pioneer P1197AM™	AM,LL,RR2	Poncho 250 Raxil	34000	—	Halex GT	Priaxor	275/80/0	John Deere 1720 John Deere 9770 STS
Bob Panowicz Cairo, NE	304.7956	Pioneer P1690CHR	RW,HX1, LL,RR2	—	35600	—	—	—	310/75/0	Case IH 1230 Stackerbar Early Riser Case IH Axial-Flow 7088
NEW HAMPSHIRE										
Frederick Llewelyn Northfield, MA	265.6468	Channel 197-68STXRIB	SS/RIB	Amplify D Poncho 1250	37000	—	Lumax	—	235/40/225	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										
Alan Danser Cranbury, NJ	320.1849	Pioneer P2088AM1™	AM1,LL,RR2	Poncho 250	31800	—	Bicep II Magnum Status	—	225/40/165	Kinze 3600 John Deere 9760 STS
Jeffrey Barlieb Stewartsville, NJ	305.9907	DEKALB DKC64-87RIB	SS/RIB	Acceleron Poncho 250	42000	—	Atrazine Roundup	—	300/100/100	John Deere 1790 CCS John Deere S660
Garrett Woolf Monroe Township, NJ	300.7750	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	30000	—	Corvus	—	280/0/120	Kinze 3600 Case IH 2388
NEW MEXICO										
Albert Etcitty Farmington, NM	233.5521	DEKALB DKC62-08RIB	SS/RIB	Acceleron	34500	—	—	—	280/30/20	John Deere 1700 MaxEmergePlus Vacuum John Deere 9670 STS
NEW YORK										
Charles Campbell Nichols, NY	268.7702	DEKALB DKC52-04RIB	VT2P/RIB	Acceleron Poncho 250	38000	—	Roundup PowerMax Yukon	Headline SC	308/40/40	John Deere 7000 John Deere 4420
Keith Jones Catskill, NY	264.6959	Pioneer P1319HR	HX1,LL,RR2	—	34500	—	Lexar	—	250/20/80	John Deere 1770NT John Deere 9770
OHIO										
Matthew Funderburgh North Lewisburg, OH	266.2078	Pioneer P1197AMXT™	AMXT,LL,RR2	PPST 250	34000	Brigade	Halex GT	—	256/40/40	John Deere 1790 CCS John Deere 9660 STS
Byron Gearhart Chillicothe, OH	253.3042	AgriGold A6559 VT2PRIB	VT2P/RIB	Poncho 500	39000	Tombstone	Atrazine 4L	Quadris	300/0/450	Kinze 2600 Case IH 9230
Dan Watchman Napoleon, OH	249.4837	Seed Consultants 1125AMX	RR,HXX, LL,YGCB	Poncho 1250 Raxil	32500	—	Corvus	—	250/54/110	Case IH 1255 Front-Fold Early Riser Case IH 5140
OKLAHOMA										
Austin Sage Texline, TX	336.5531	Pioneer 33D47	RR2	Poncho 1250+ VOTiVO	33000	—	—	—	295/55/35	John Deere 1770 NT CCS John Deere 9660 STS
Nathan Johnson Boise City, OK	281.7028	Pioneer P1625CHR	RW,HX1, LL,RR2	—	35000	—	Generic Roundup Roundup + Status	—	290/50/0	John Deere 1760 MaxEmerge Plus Vacuum John Deere 9610
OREGON										
Jonathon Springstead Boardman, OR	273.9009	Pioneer 35K02	CONV	—	38000	—	Callisto, Makaze Outlook, Resolve Q	—	158/0/0	John Deere 1725 CCS Stack-Fold John Deere S680
Rod Taylor Boardman, OR	267.1265	DEKALB DKC62-08RIB	SS/RIB	Poncho 250	37240	—	—	—	205/66/0	John Deere 1760 Case IH 2388
PENNSYLVANIA										
Doug Scipioni Newmanstown, PA	290.9702	Pioneer P2088AMX™	AMX,LL,RR2	Capture	41000	—	—	—	160/30/30	Kinze 2600 Gleaner R52
Gavin Mast Morgantown, PA	289.9303	Pioneer P1498CHR	RW,HX1, LL,RR2	Poncho 250	32500	—	Balance Flexx Brawl II ATZ	—	297/0/0	John Deere 1750 Vacuum John Deere 9600
Ernest Mast Morgantown, PA	264.0829	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250	32500	—	Balance Flexx Brawl II ATZ	—	287/0/0	John Deere 1750 Vacuum John Deere 9600
SOUTH CAROLINA										
Russ Jameson Orangeburg, SC	313.1929	Pioneer P1303HR	HX1,LL,RR2	Amplify L Poncho 250	43000	Counter 20 G	Atrazine 4L Impact	Approach	250/30/100	John Deere 1700 MaxEmerge XP Case IH 6088
Chad Brubaker Olar, SC	289.6997	DEKALB DKC62-08	SS	—	34000	—	Atrazine	—	300/75/250	Case IH 1200 Case IH 2366
Corrin Bowers Luray, SC	284.3499	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser	31500	Sniper	Atrazine Roundup II	Headline AMP	0/20/468	Monosem Twin Row John Deere 9500
SOUTH DAKOTA										
Kory Standy Platte, SD	281.5000	DEKALB DKC62-97RIB	VT3P/RIB	Acceleron	35000	—	Harness Xtra Roundup PowerMax	—	240/60/20	John Deere 1770NT Case IH 6130
Steve Breding Chamberlain, SD	280.3415	DEKALB DKC62-97RIB	VT3P/RIB	Poncho 250	32500	—	Roundup PowerMax	—	220/30/0	John Deere 1770NT John Deere S670
Bob Creasey Geddes, SD	266.5918	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250	36000	—	Roundup	—	270/70/0	John Deere 1770 NT CCS Case IH 2388
TENNESSEE										
Finas Wilson Mansfield, TN	265.0080	Pioneer P2089AM™	AM,LL,RR2	Poncho 250	33000	Lambda-Cy	Atrazine, Gly Plus Realm Q	Avaris	240/60/100	Kinze 3600 John Deere 9770

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
IRRIGATED – CONTINUED										
Landon Coates Martin, TN	263.4039	Pioneer P1602AM™	AM,LL,RR2	Dynasty Poncho 250	29000	—	Atrazine Halex GT	—	240/90/90	Kinze 3660 John Deere 9870 STS
Logan Coates Martin, TN	258.1724	Pioneer P1602AM™	AM,LL,RR2	Dynasty Poncho 250	29000	—	Atrazine Halex GT	—	240/90/90	Kinze 3660 John Deere 9870 STS
TEXAS										
Kent Cartrite Sunray, TX	325.0316	DEKALB DKC62-08RIB	SS/RIB	Acceleron	41250	Oberon 4SC	AAtrex, Warrant Balance Flexx, Degree Xtra	Stratego YLD	315/60/0	John Deere 7300 Conservation Case IH 8230
Danny Morrison Dalhart, TX	321.1623	Pioneer P1197CHR	RW,HX1, LL,RR2	Poncho 1250+ VOTiVO	32000	—	—	—	320/75/43	John Deere 1770 NT CCS John Deere S670
Braden Gibson Dumas, TX	308.7736	Stine Seed 9808E	CONV	Poncho 500+ VOTiVO	40000	—	Atrazine 4L Laudis, Medal EC Roundup PowerMax	—	230/0/0	John Deere DB60 John Deere S680
UTAH										
Utana Nelson Tremonton, UT	317.1042	Pioneer P1151R	RR2	—	39000	—	—	—	300/100/0	Case IH 1200 Pivot Case IH 7120
Keenan Nelson Tremonton, UT	316.8152	Pioneer P1151R	RR2	—	39000	—	—	—	300/100/0	Case IH 1200 Pivot Case IH 7120
Braydan Nelson Tremonton, UT	307.0198	Pioneer P1151AMX™	AMX,LL,RR2	Poncho 250 Raxil	39000	—	—	—	300/100/0	Case IH 1200 Pivot Case IH 7120
VIRGINIA										
JR Newcomb Hanover, VA	300.5028	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTiVO	34800	Tombstone	Barrage HF, Vision Gramoxone Inteon Lumax EZ, Simazat 4L	Approch Prima	300/60/300	John Deere 1770 Conservation Case IH 8230
Michael Upton South Hill, VA	281.3950	DEKALB DKC62-08	SS	—	42000	—	Roundup	—	208/30/144	John Deere 1790 CCS John Deere S660
Monte Heatwole Mc Gaheysville, VA	278.1342	Pioneer P1637AM™	AM,LL,RR2	Poncho 250 Creshendo	34000	—	AAtrex 4L, Gramoxone SL Princep 4L, Prowl H2O Touchdown Total	—	190/0/120	Great Plains YP-1225 New Holland CR8080
VERMONT										
Dan King Vernon, VT	282.4131	Channel 214-14VT3PRIB	VT3P/RIB	Acceleron	41500	—	—	—	230/0/150	Kinze 3500 Case IH 1460
Jeff Grembowicz North Clarendon, VT	203.9672	DEKALB DKC46-20RIB	VT3P/RIB	Acceleron Poncho 250	31500	Capture LFR	Verdict Zidua	—	150/0/60	John Deere 1750 Drawn Conservation Case IH 2388
WASHINGTON										
Boe Clausen Warden, WA	317.7560	Pioneer P0157R	RR2	—	36000	—	Atrazine 4L Clarity Roundup PowerMax	—	250/0/0	John Deere 7200 MaxEmerge 2 Vacuum John Deere S680
Patrick Zecchino Granger, WA	262.2749	Pioneer P0157	CONV	Poncho 250 Raxil	36000	—	Generic Roundup	—	200/60/0	John Deere 1700 MaxEmerge XP John Deere S660
WISCONSIN										
Jeff Laskowski Plover, WI	303.2440	DEKALB DKC60-67RIB	SS/RIB	Acceleron	38000	—	Cinch ATZ Lite	—	290/40/180	John Deere 1770 Front-Fold Flex John Deere 9560 STS
David Arndt Janesville, WI	264.7669	Pioneer P0533XR	HXX,LL,RR2	Poncho 250	34000	Force 3G	Atrazine 90 DF Outlook, Status Roundup PowerMax	—	160/0/0	Kinze 3600 Gleaner S77
Bill Patoka Amherst, WI	237.4592	Pioneer P0157AM™	AM,LL,RR2	Poncho 250	38000	—	AAtrex 4L, Instigate Parallel	—	224/50/136	Kinze 3660 Case IH Axial-Flow 6088
WEST VIRGINIA										
Margaret Miltenberger Keyser, WV	267.4918	Pioneer P2089AM™	AM,LL,RR2	Amplify D, Poncho 1250+VOTiVO	34500	Lambda-Cy	Dicamba DMA Glyphosate Plus Resolve Q	Headline AMP Stratego YLD	203/8/2	Kinze 3600 John Deere S660
Ronald Widmyer Charles Town, WV	226.8023	Pioneer P1319HR	HX1,LL,RR2	—	36000	—	Basis	—	190/75/75	John Deere 7000 Case IH 1660
WYOMING										
David Hinman Wheatland, WY	279.7041	Pioneer 35F37	RR2	Amplify D Poncho 1250	37600	—	Aim, Glyphosate Prowl H2O	—	350/250/200	John Deere 1720 MaxEmerge XP John Deere 9500
Brett Meyer Torrington, WY	251.7090	Pioneer P0157	CONV	—	36000	—	Roundup + Status	—	0/0/0	John Deere 1760 Conservation John Deere 9670 STS

NATIONAL CORN GROWERS ASSOCIATION

NATIONAL CORN YIELD CONTEST

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

2015 ENTRIES BY STATE

Affiliated States

Alabama	36
Arkansas	170
Colorado	113
Georgia	71
Illinois	1,089
Indiana	249
Iowa	1,120
Kansas	357
Kentucky	127
Louisiana	93
Maryland	82
Michigan	593
Minnesota	393
Mississippi	161
Missouri	327
Nebraska	982
New York	42
North Carolina	268
North Dakota	52
Ohio	152
Oklahoma	65
Pennsylvania	76
South Carolina	65
South Dakota	297
Tennessee	138
Texas	99
Virginia	83
Wisconsin	118
Unaffiliated States	**316**
Total Entrants	**7,734**

*** 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-five states participated in the contest; 48 seed companies were represented. The 407 State Winners planted 160 hybrid numbers. A total of 649 hybrid numbers were planted by 7,734 entrants.

	All Entrants	National Winners
Avg. Yield	241.6685	386.4098
Avg. Plant Pop.	34,123	40,861
Avg. Harvest Pop.	33,503	41,258

Row Spacing	% of Entrants
<30”	7.93%
30”	84.99%
32”- 36”	2.86%
38”- 39”	3.98%
>40”	0.25%

	All Entrants	National Winners
Avg. Fertilizer Use		
Nitrogen (lbs)	215.26	364.06
Phosphorus (lbs)	60.03	116.39
Potash (lbs)	84.79	231.78
Trace Elements (%)	38.74%	27.78%
Manure (%)	16.06%	38.89%
Timing of Nitrogen Fertilizer Application		
Fall (%)	19.52%	11.11%
Spring Pre-Plant (%)	51.50%	44.44%
At Planting (%)	41.77%	38.89%
Side Dress (%)	51.34%	83.33%
Starter (%)	63.30%	83.33%
Surface Applied (%)	51.93%	61.11%
Incorporated (%)	72.69%	77.78%
Irrigation (%)	12.20%	33.33%
Nitrogen/bu. (lbs)	0.89	0.94
Soil Test (%)	60.63%	88.89%
Previous Crop		
Corn (%)	23.56%	44.44%
Soybeans (%)	64.26%	44.44%
Wheat (%)	5.70%	5.56%
Alfalfa/Hay (%)	0.79%	0.00%
Other (%)	5.61%	5.56%

2015 ENTRIES BY CLASS*

	# of Entries	Winning Yield
A Non-Irrigated	1,085	348.9838
AA Non-Irrigated	2,322	286.7491
A No-Till/Strip-Till Non-Irrigated	904	368.7785
AA No-Till/Strip-Till Non-Irrigated	756	318.9243
No-Till/Strip-Till Irrigated	1,182	532.0271
Irrigated	1,485	486.1594
Total	**7,734**	

Top **10** Reasons to Download the **NEW NCGA ACTION APP**

(NOTE: This may be a little CORN-y.)

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ANDROID APP ON Google play

Available on the App Store

10. You will have no **APP**rehension since it's free!
9. Younger and tech savvy audiences will find it **APP**ealing.
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1. We **APP**laud your efforts to be more engaged on our issues.