



NATIONAL  
**CORN YIELD**  
 CONTEST

2017 Winners Guide



**BEST IN THE  
 FIELD**



NATIONAL  
 CORN GROWERS  
 ASSOCIATION

# A Message From the President

Our nation's corn farmers stepped up to the plate and hit a homerun yet again in 2017. From adopting the most state-of-the-art technologies to continuously refining their game through improved farming practices, America's homegrown-team of farmers have shown that they are the best in their field, growing an abundant crop and stretching resources further to improve our air, water and soil, year after year.

America's corn farmers rise to the challenge. We demonstrate undeniable excellence and an unparalleled ability to meet the grow demands of our growing year.



Kevin Skunes, President  
National Corn Growers Association

Our nation's farmers remain on-track to leave old records in the dust again in 2017, with national average yields topping its highest mark at 175.4 bushels per acre. The farmers who participate in the National Corn Growers Association's National Corn Yield Contest showed that the impressive results seen over the years are the new norm for these corn-farming all-stars with five entries surpassing the 400-bushel per acre mark again this year and an average of 386 bushels per acre across the 18 winners of the six production categories. With three entries surpassing even the 500-bushel per acre mark, contest entrants exhibited a consistent pattern of true excellence in which all involved can take great pride.

These impressive achievements serve as a tribute not only to America's corn farmers but also to the industry that supports them.

## ON THE COVER

Morgan Winkler photographed this image during harvest on the Lyon Station, Pennsylvania, farm her husband, David, operates in partnership with Gerhard Winkler. Her entry, "Bee's Wings a-flyin'" won first place in the NCGA Fields-Of-Corn Photo Contest.

On behalf of NCGA and, personally, I thank every entrant for playing an active role in these advances. Our participants contribute in a concrete manner to the collective body of agronomic research whether they set a national record or simply strive to beat a personal one. As a whole, the data contestants share from their fields enables all our countries' farmers as they work to feed and fuel the world in an increasingly sustainable way, preserving both America's family farms and the nation's



2017 EXCLUSIVE SPONSORS

natural resources for the many generations yet to come.

I also thank the volunteer contest supervisors and the seed companies for making this contest possible. This undertaking would not be possible without their support and service, yet, due to their dedication and steadfastness, the contest continues to flourish.

NCYC volunteer supervisors donate their personal time and contribute their energy to maintain the contest's integrity. These government employees, financial professionals, extension personnel and crop advisors give our industry an important gift whether they take part in one yield check or more than a dozen.

Seed companies continued their tradition of unwavering support for the National Corn Yield Contest in 2017, as they have for decades prior. This loyal support springs from an understanding of the unique and valued showcase the contest affords for their many new seed offerings. Their generous support allows spirited competition to thrive while maintaining the highest standards of integrity.

In a spirit of deep and humble gratitude, I thank our 2017 sponsors: BASF Corporation, John Deere and DuPont Pioneer. The reliable and generous support these sponsors provide make this guide, as well as the events and online media recognizing contest winners, possible. Their unwavering commitment to continually improving agriculture clearly displays the importance they place upon creating a prosperous and productive future for our nation's farmers.

NCGA leadership, members and staff join together in a loud round of applause for all of our 2017 contest winners. The stories shared in this guide provide insight into the innovative practices being cultivated today to grow a brighter future for corn farmers tomorrow.

Farmers share in the uniquely American character that pushes boundaries to reach previously unconceivable heights. Independent mavericks and eternal optimists alike, their excellence is fueled by competition but also based in the bonds of deep respect and a shared pride in our collective accomplishments as a nation. America's farmers grow the industry's future far into the sky while remaining deeply-rooted in the traditions that brought us this far.

To its very core, NCGA remains rooted in the grassroots traditions upon which our nation's farmers founded it. With solid footing in its commitment to help farmers sustainably feed and fuel a growing world, it will continue pushing forward to help corn farmers score big wins for their families, their communities and our nation as a whole.

# MORE TRIALS MORE INSIGHTS MORE YIELD



Leah Addington  
Pioneer Sales Professional

Jeff Peine  
Grower

Josh Shofner  
DuPont Pioneer Field Agronomist



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# IRM Investment

Insect resistance management helps corn growers extend the effectiveness of Bt traits.

There's an entire generation of corn growers who have never met *Ostrinia nubilalis*—the European corn borer. And that's a very good thing.

Accidentally introduced to the U.S. exactly 100 years ago, this insect worked its way to Iowa by 1942 and eventually affected all corn-growing areas east of the Rocky Mountains. By the 1980s, experts estimated that the European corn borer was doing a billion dollars in damage to the wallets of corn growers, as measured in both yield loss and cost of control.

But 1996 marked the beginning of a new day in the battle of this billion-dollar bug, spearheaded by a biotech development that was worth its weight in gold—transgenic Bt corn. These hybrids contained plant-incorporated

protectants (PIPs), produced by transferring specific genetic material from the *Bacillus thuringiensis* bacterium to the plant's genome.

"Everybody wants to point out how the Bt hybrids helped solve the economic losses from corn borer and corn rootworm," says Don Duvall, a corn grower from Carmi, Illinois, who chairs the National Corn Growers Association's Freedom to Operate action team. "But there is another factor that is important to those of us who remember the days before Bt hybrids. That's the stress that a corn grower faced when trying to harvest a field of corn that had lodged due to damaged stalks. It made for a long, slow harvest, and put corn growers in a bad mood."

Duvall urges his fellow corn growers to follow an insect resistance management (IRM) plan

to protect the effectiveness of PIPs. "I think it is critically important to be good stewards of these traits," he says. "We need to keep them viable for as long as we can into the future."

## Protecting The Power

The biotech boom thrust corn growers into a central role as stewards of the effectiveness of this new form of pest control. The U.S. Environmental Protection Agency requires an IRM plan for each commercially registered Bt PIP, with the goal of delaying the development of resistant insects.

The primary tool for mitigating resistance is the use of refuge plantings; these are areas where non-Bt plants can host susceptible insects. These insects provide a source of "breeding stock" that then are available to mate with the resistant insects that manage to

survive on neighboring Bt hybrids.

The need to follow an IRM plan may sound like a bureaucratic exercise, but Texas A&M Extension entomologist Pat Porter sees it as an opportunity for corn growers to control their own destiny.

“In spite of what happens in Washington D.C. and corporate offices, the men and women who plant corn seeds hold the real power in determining how long Bt corn technology lasts,” he insists. “You can follow the IRM plan and extend the life of the technology, or you can refuse to plant the refuge and shorten the life of the technology.”

In the case of those original transgenic corn hybrids introduced in 1996, experts hoped to prevent resistance from developing for at least 20 years, and those plans were almost a complete success. One Lepidopteran pest, the fall armyworm, developed resistance to the Cry1F toxin; researchers confirmed that failure in 2010.

In recent years, however, the story is not as bright. Some of the Bt traits have lost effectiveness against



**Mike Brooke with granddaughter Maggie says Bt traits allow farmers to use fewer chemical applications, which is good for the environment and farm families.**

Lepidopteran caterpillars such as the western bean cutworm. And the western corn rootworm, a Coleopteran pest, was scientifically documented in 2011 to have developed resistance to a Bt trait; since then, suspected resistance has been reported across a wider geographic area, and now involves all four Bt toxins used in corn.

## Back To Basics

For Erin Hodgson, an Extension entomology specialist at Iowa State University, a good IRM plan starts with a commitment to the basics. “We have to keep in mind that Bt toxins are subject to the same laws of nature that apply to traditional insecticides,” she says. “Every exposure to a technology trait provides a pest with an opportunity to develop resistance; the more they are used, the more chances we will see the insects adapting to the traits.”

Of course, the Bt hybrids provide a lot of exposure to a toxin; unlike a traditional insecticide application, which may last a few days, the transgenic hybrids express their protective proteins for the entire growing season, and virtually every part of the plant contains the toxin. Thus, every generation of an insect pest likely receives exposure to the toxin.

And farmers plant a lot of Bt hybrids. According to industry

estimates, about 90% of U.S. corn acres are planted to Bt hybrids.

Hodgson points out crop rotation is one option to consider when fending off corn rootworm resistance. “We tend to see the resistant rootworms in areas of continuous corn,” she says. “Rotation doesn’t fit into the management plan on every farm, but it remains an effective tool. Breaking up the rootworm life cycle is one way of extending the efficacy of technology traits.”

She also urges growers to keep up their scouting during the growing season. “The only way to judge effectiveness is to scout when the insect pests are active,” Hodgson says. “You need to constantly be checking to see if the control you are getting is in line with what you would expect to see.”

And if you see something unexpected, follow another basic rule: Communicate.

“Let someone—your university Extension staff, your crop consultant, your seed company representative, for example—know when you have an unanticipated insect problem in your Bt corn,” she says. If caught in time, researchers ▶



**Healthy kernels are another benefit of Bt hybrids against ear-feeding Lepidopteran species.**



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can collect insects and check them for resistance. Catching a “hot spot” in time might allow researchers to develop a plan that would mitigate the resistance in the insect population.

## Multiple Methods

In order to counter resistance, a number of Bt PIPs are now deployed in hybrids as a *pyramid*. These pyramid products contain two or more Bt proteins intended to control the same target pest (or group of pests). Scientists with the EPA consider these pyramids to be at less risk of developing a resistant insect population, since insects



Erin Hodgson

would have to survive at least two separate Bt toxins. These products typically have less stringent refuge requirements, as compared to single-trait Bt hybrids.

Other Bt products include *stacked* toxins—a group of protective proteins that target multiple target species, such as corn borers and corn rootworms. This approach allows a grower to plant one hybrid that protects against different groups of insect pests.

Those approaches provide a wide variety of choices for corn growers, but they also can create



Hybrids containing Bt proteins provide protection against corn borer, corn rootworm and various ear-feeding caterpillars to prevent lodging and ear drop.

confusion about the spectrum of control or the refuge requirements for a particular hybrid. At Michigan State University, Extension entomologist Chris DiFonzo has developed an online tool that she calls *The Handy Bt Trait Table*, available by visiting [www.msuent.com](http://www.msuent.com).

The table provides a list of trait names and details of trait packages, she says. “That makes it easier to read company seed guides, sales materials and bag tags.”

Reflecting recent performance issues with some of the Bt traits, the table included a new column for the 2017 growing season. “May be ineffective on” highlighted the documented field failures, confirmed resistance, or cross-resistance associated with Bt traits.

“This column is intended to alert growers and their consultants to potential management problems,” DiFonzo says. “It also can help growers make seed selections, and we hope it reminds them of how important it is to do a good job of field scouting during the growing season.”

## No Easy Path

Texas A&M’s Porter points out that, when it comes to countering insect resistance, there are no simple solutions. Even

the pyramid approach has its limitations, he says.

“The idea of a pyramid is that it delays resistance by having multiple toxins present,” Porter says. “If an insect is resistant to one toxin, it will likely be killed by another toxin in the pyramid.”

Research shows, however, that insects are developing resistance to several Bt toxins. “That might mean only one toxin in a pyramid of three toxins still has full efficacy,” Porter continues. “This would mean that the resistant insects are actually being killed by only one of the three toxins, and at the same time are being selected for resistance to the one remaining effective toxin.”

Another recent issue with Bt toxins is cross-resistance. Iowa

Iowa State entomologist Aaron Gassmann is studying how rootworms develop cross-resistance to Bt proteins.



State University research has found that rootworms resistant to the Bt protein Cry3Bb1 are also resistant to mCry3a, even if their ancestors never encountered mCry3a. “Cry3Bb1, mCry3A, and eCry3.1Ab all appear fairly similar to the rootworm,” says Iowa State entomologist Aaron Gassmann. “Resistance to one is likely to confer resistance to the other two.”

## Environmental Advantage

In order to protect the effectiveness of Bt toxins, corn growers will have to invest time to their IRM plans. For Braymer, Missouri, corn grower Mike Brooke, the additional attention is easily justified.

“These traits are too valuable to lose,” he says. “My first experience growing corn was during high school in 1976, and when we went to harvest it, we had dropped ears and downed corn. When the Bt traits came along in the 1990s, we jumped on board right away.”

The Brooke family not only grows corn, but supplies seed to corn growers in parts of five counties in northwest Missouri.

Brooke regularly scouts his own fields as well as those owned by customers throughout the growing season. In this area, where diverse crop rotations are still the rule, there have been no resistance issues.

“The technology traits have allowed corn growers to use a lot fewer chemical applications for insect control, and that seems to have really been a boost for beneficial insects,” he says. Walking the fields with his granddaughter, Maggie, Brooke also points out the impact on a more personal level.

“As corn growers, we live here and we raise our families here. I think farm families today live in an environment that is as safe and healthy as you can find anywhere. When we rely on a trait to control a pest instead of introducing a spray, that means a lot for human health.” ●

## Boost For Bees

Carson Klosterman is a North Dakota corn grower, but he recently found himself in the middle of a honey harvest in Texas. He saw first-hand the effects of prolonged wet weather that prevented the bees from doing their work, resulting in a disappointing honey yield.



“It’s much like any aspect of agriculture,” Klosterman observes. “You need good management as well as cooperation from Mother Nature in order to have success.”

His journey was part of the Bee Understanding Project, a job swap arranged by the Honey Bee Health Coalition. A corn grower and a beekeeper agree to walk a mile in the other’s boots in order to foster communication and cooperation on issues surrounding honey bee health.

Klosterman, a member of the National Corn Growers Association’s (NCGA) Stewardship action team, had previously hosted beekeeper Randy Verhoek during corn planting season. Verhoek learned the how and why of seed treatments, and even took a turn driving the corn planter.

“Corn doesn’t rely on bees for pollination,” Klosterman points out. “But all of us in agriculture are connected. We need to be aware of how our practices affect other segments, and keep our lines of communication open to address solutions.”

And solutions are the order of the day for the nation’s pollinators, which provide an essential service for about one-third of all the food that comes to market. Honey bees have been facing unusually high colony losses for about a decade; native bees may be faring even worse, with the rusty patched bumble bee recently added to the endangered species list. Even the iconic monarch butterfly has seen similar declines, with its population falling 80% over the past two decades.

From the beginning, NCGA members have been actively involved with groups such as the Honey Bee Health Coalition in order to find answers. NCGA also has participated in—and helped fund—efforts such as the Corn Dust Research Consortium (CDRC). Created by an organization called the Pollinator Partnership, CDRC is a unique investigation set up to identify any long-term health consequences that may result when honey bee colonies are exposed to dust emitted during the planting of neonicotinoid-treated seeds and generate best management practices for reducing risk to honey bees when seed treatments are used. Visit: [www.pollinator.org/cdrc](http://www.pollinator.org/cdrc).

There’s also a new screening test available that scans a honey bee colony for 11 viral and bacterial diseases. Developed with support from NCGA and the North Dakota Department of Agriculture, the test is performed at the National Agricultural Genotyping Center in Fargo.

“Due to the molecular nature of the test, it is very specific and very accurate,” says Megan O’Neil, NAGC’s laboratory manager. “Since it tests for many diseases at once, it saves money as well as turnaround time. The test has generated a lot of enthusiasm from beekeepers, who are looking for help in solving complex problems such as colony collapse disorder.”

### First Place



#### DAN GAUSE Scranton, SC

357.0621 bu./acre  
**Pioneer P2089YHR**  
Population: 33,000  
Harvester: John Deere S670

#### SUPERVISORS

**Jacob Stokes:** Clemson University  
Cooperative Extension  
**Andy T. Duncan:** Clemson University  
Cooperative Extension

When it comes to the National Corn Yield Contest, think of Dan Gause as a man on the move. Last year, he notched a first-place award in the A No-Till/Strip-Till Non-Irrigated class with a 346 bu./acre yield. This year, he moved to a different class and posted 357 bushels, good enough for another top-spot finish.

For the most part, Gause's management approach remained unchanged from one year to the next.

"Around here, our thinking is that if something isn't broke, why try to fix it?" he says.

Gause started shaping his strategy for this year's entry the previous fall with soil tests on three- to four-acre parcels. He aims to get several different reference points in each parcel. The results are used to make decisions about P, K and lime placements. "Over time, it's been very effective for us," he says. "Our soil pH has evened out, and we've seen better uptake of P and K."

The sampling also provided direction for Gause's fertility management program once the growing season got underway. At planting, he laid down four gallons per acre of 10-34-0 and 10 gallons per acre of 28S (2" x 2"). Right after planting, he was back in the field to do a broadcast application with 46 gallons of 30 percent nitrogen (150 pounds of actual N).

"Getting that starter out there is especially important in years when we're planting in cool and wet

conditions," Dan says. "One of the things that's stood out in recent years is that we're not seeing a red tint to the leaves on the young plants. That red is usually a sign of phosphorus deficiency in our soils. The starter addresses that."

When the corn reached V5, Gause broadcast 250 pounds of a 41-0-0 urea and ammonium sulfate blend. He followed up at V7 by spreading another 150 pounds of 41-0-0. "We're still trying to determine how to spread out nitrogen applications," he says. "If we can get the right amount out there at just the right time, when the plant needs it, we'll have a better opportunity for a higher yield."

For this year's entry, Gause planted **Pioneer P2089YHR** at 33,000 seeds/acre. "It's a number we've used before," he says. "It's a [high] yielding corn when you have good weather. It also stands well. That's becoming more important as we push plant populations. We have to have a good stalk that will hold up a good size ear."

### Eliminate Obstacles To Higher Yields

**Challenge:** Nutrient management

**Solution:** Adjust application timing and rates

### Second Place

**DREW HAINES**  
Middletown, MD  
341.6354 bu./acre  
**DEKALB DKC62-20RIB**  
Population: 40,000  
Harvester: John Deere 9500

Fine-tuning his foliar feeding program paved the way for Drew Haines's yield of nearly 342 bu./acre. That earned him a second-place finish in this class for the second straight year.

"It all comes down to the timing," says Haines. "It's not just what and how much of something you're putting out there that matters. You have to deliver it before the crop needs it."

Last year, Haines saw good results at the brown silk stage when he combined a helicopter application of three ounces of the fungicide Fortix with three gallons of a "home-brewed" package that included AgXplore products plus other biologicals and nutrients. "I'm looking to add test weight and keep the corn green and alive as it's filling out kernels," he explains.

This year, along with the feeding at brown silk, Haines flew on the package (which he calls his "dill-weed mix") at pre-tassel. Immediately afterward, he flew on a top-dressing (100 units) of granulated super urea. "You need rain to incorporate the urea into the soil and that might take a week or more," he says. "With the dill-weed mix, you can get a little kick before the rain arrives. The corn turns dark green in just a couple days."

#### SUPERVISORS

**Mary Jane Roop:**  
Ag Loan Officer, Mid-Atlantic Farm Credit  
**Kellie Wilson:**  
Ag Loan Officer, Mid-Atlantic Farm Credit  
**Matt Morris:** Extension Educator, Frederick Co.

### Third Place

**WILLIAM THOMAS**  
Cades, SC  
339.0995 bu./acre  
**Pioneer P1775YHR**  
Population: 33,000  
Harvester: John Deere 9770 STS

William "Landy" Thomas returns to the national winner's circle for the second straight year with a yield topping 339 bu./acre in this class. In last year's contest, Thomas was a third-place winner in the A No-Till/Strip-Till Non-Irrigated Class.

Favorable weather played a key role in his repeat performance. "It was a little wet early," Thomas says. "But, overall, we couldn't have asked for better weather. The corn started off well, and we got timely rains when we needed them. Things always go better when you get some cooperation from Mother Nature. This year, we definitely had that."

Hybrid selection is always a focal point in his high-yield game plan. He pours over results from field trials and meets frequently with his local seed dealer to gather information on hybrids that are doing well in his area.

Most helpful, Thomas says, are field trials conducted on the home farm. "They give us a chance to see how different numbers perform under our specific conditions."

For his contest entry this year, Thomas planted **Pioneer P1775YHR** at 33,000 seeds/acre. "It's a little older variety that seems to do well with high population. It's done well here in the past, and it came through for us again this year."

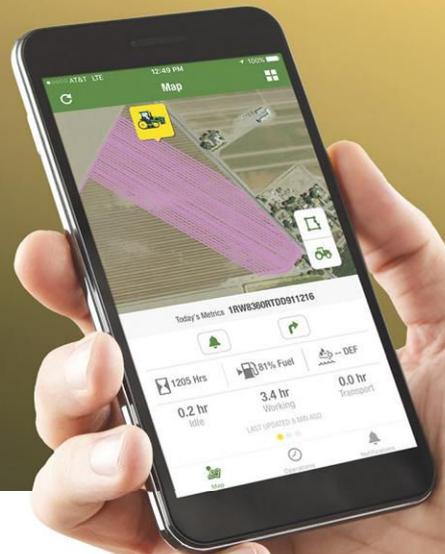
#### SUPERVISORS

**Jacob Stokes:**  
Clemson University  
Cooperative Extension  
**Andy T. Duncan:**  
Clemson University  
Cooperative Extension

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>A NON-IRRIGATED</b>										
<b>ALABAMA</b>										
<b>Elvie Hunter</b> Hazel Green, AL	278.1624	AgriGold A6499 STX	STX	Acceleron+ Poncho 250	33000	–	Halex GT –	–	250/65/100	Kinze 3600 Case IH 8120
<b>J Howard Hobbs</b> Elkmont, AL	236.6382	DEKALB DKC64–69RIB	GENVT3PRIB	Amplify L+ Poncho 250	31000	–	AAtrex DF	–	0/0/0	John Deere 1795 John Deere S670
<b>Michael DuBose</b> Troy, AL	222.0911	Pioneer P1197YHR	YGCB,HX1, LL,RR2	–	21600	–	Atrazine 4F Roundup	–	120/0/0	John Deere 1720 Integral Stack–Fold John Deere 9450
<b>ARKANSAS</b>										
<b>Danny Simpson</b> Rector, AR	282.7549	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	Poncho 250	25000	–	–	–	250/75/75	John Deere 1720 MaxEmerge XP John Deere S690
<b>Matt Miles</b> McGehee, AR	274.5332	Pioneer P1197R	RR2	Cruiser 250	32150	–	Atrazine 4L Generic Roundup, Halex GT	–	267/100/200	John Deere 1720 Stack–Fold MaxEmerge Plus John Deere S680
<b>Michelle Williamson</b> Eads, TN	246.5529	Pioneer P1442YHR*	YGCB,HX1, LL,RR2	–	32000	–	Atrazine Halex GT	–	240/30/60	Kinze 3600 John Deere 9860
<b>CALIFORNIA</b>										
<b>Aaron Beaver</b> Isleton, CA	260.9382	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	40000	–	Roundup PowerMax	–	300/25/110	White 8700 John Deere 9400
<b>CONNECTICUT</b>										
<b>Harris Cohen</b> Ellington, CT	247.9926	DEKALB DKC61–88RIB	GENVT3PRIB	Acceleron	32000	–	–	–	250/0/0	John Deere 1750 MaxEmerge Plus Vacuum Gleaner L3
<b>Dan Logue</b> Woodbury, CT	214.9783	DEKALB DKC58–83RIB	GENVT3PRIB	Acceleron+ Poncho 250	36000	–	Durango, Rifle Keystone LA	–	200/60/100	Kinze 3200 Case 2388
<b>DELAWARE</b>										
<b>Bill Alfree</b> Middletown, DE	279.4848	DEKALB DKC64–87RIB	GENSSRIB	Acceleron	32000	–	–	–	0/0/0	Kinze 3660 John Deere 9660
<b>Russell Hudson</b> Frankford, DE	233.0205	DEKALB DKC62–08RIB	GENSSRIB	–	36000	–	Atrazine+Roundup Harness Xtra	–	250/50/200	John Deere 1790 CCS John Deere 9770 STS
<b>Jessica Snow</b> Smyrna, DE	229.0516	Pioneer P1197AM™	AM,LL,RR2	PPST 250	32000	Bifenture	Atrazine Roundup, Zidua	Headline AMP	245/80/78	John Deere 1770NT John Deere S670
<b>FLORIDA</b>										
<b>Ann McLeod</b> Ochlocknee, GA	219.9351	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 250	27000	Bifenture	Atrazine 4F Glyphosate Dual Magnum	Quit Xcel	200/50/250	Monosem MS Double Row Case IH 1660
<b>Kevin Classen</b> Walnut Hill, FL	211.2845	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Conklin	29000	–	Atrazine+Roundup	–	200/0/0	John Deere 1720 MaxEmerge XP John Deere 9600
<b>Greg Brown</b> Lee, FL	193.6599	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 250	25655	Mustang MAX	Atrazine 4L Dual Magnum	Headline SC	180/90/180	Monosem MS Double Row Case IH 1660
<b>GEORGIA</b>										
<b>Michelle Dowdy–Deese</b> Valdosta, GA	327.0120	AgriGold A6499 STX	STX	Cruiser 500	32000	–	Atrazine+Roundup	Headline AMP	320/100/320	Harvest International Other John Deere S680
<b>Dustin Dowdy</b> Valdosta, GA	314.3981	AgriGold A645–10 VT2PRO	VT2PRO	Cruiser 500	36000	–	Atrazine+Roundup	Headline AMP	315/100/315	Harvest International Other John Deere S680
<b>Jerry Smith</b> Dawsonville, GA	265.6484	DEKALB DKC62–08	GENSS	–	35000	–	Atrazine Roundup	–	275/67/86	John Deere 7000 Conservation John Deere 6620
<b>KANSAS</b>										
<b>Joe Elias</b> Atchison, KS	300.2709	AgriGold A6499 STXRIB	STXRIB	–	34000	–	–	–	220/100/100	John Deere 1790 Case IH 7120
<b>Corey Franken</b> Troy, KS	290.1087	Pioneer P1197AMT™	AMT,LL,RR2	Poncho 1250+ VOTIVO	35000	–	2,4–D LV6, Autumn Super Generic Roundup, Lexar	–	220/0/0	John Deere 1795 John Deere S670
<b>Hugh Kinsey</b> Troy, KS	289.7033	Pioneer P1197AMT™	AMT,LL,RR2	Poncho 1250+ VOTIVO	35000	–	2,4–D LV6, Autumn Super Generic Roundup, Lexar	–	220/0/0	John Deere 1795 John Deere S670

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>KENTUCKY</b>										
<b>David Sparks</b> Owensboro, KY	310.5125	DEKALB DKC70-27RIB	GENVT2P	Poncho 1250	33000	Bifenture	Acuron Roundup PowerMax	-	200/100/200	John Deere 1770NT CCS ProXP John Deere 680
<b>Scott Zoglmann</b> Owensboro, KY	309.6599	DEKALB DKC67-72RIB	GENVT2PRIB	Amplify+ Poncho 250	42000	-	-	-	280/92/120	John Deere 1760 John Deere S680
<b>Jason Greenwell</b> Waverly, KY	305.6156	Channel 216-36DGVT2PRIB	VT2P	Acceleron	40000	Hero -	Atrazine+Roundup Warrant	Headline AMP Priaxor, Trivapro	290/150/150	John Deere 1770 NT CCS John Deere S680
<b>LOUISIANA</b>										
<b>Lane Gaspard</b> Batchelor, LA	266.4325	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Lumivia	35000	-	-	-	300/100/150	John Deere DB60 John Deere S670
<b>David Yates</b> Vidalia, LA	264.0253	Pioneer P1916YHR	YGCB,HX1, LL,RR2	-	31000	-	-	-	250/45/60	Case IH 1235 Case IH 8230
<b>Wil Miller</b> Ferriday, LA	252.2037	Pioneer P1637YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	-	-	-	225/0/60	John Deere 1720 MaxEmerge XP Case IH 7120
<b>MASSACHUSETTS</b>										
<b>Brian Llewelyn</b> Northfield, MA	290.7778	Channel 199-29STXRIB	SS	Acceleron+ Poncho 250	45000	-	Lumax EZ	-	303/57/238	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
<b>Matt Parsons</b> Hadley, MA	270.0564	Pioneer P0843AM™	AM,LL,RR2	Cruiser+Poncho	34000	Capture LFR	Bicep II Magnum Instigate	-	260/5/150	Kinze 2500 John Deere 9500
<b>MARYLAND</b>										
<b>Drew Haines</b> Middletown, MD	341.6354	DEKALB DKC62-20RIB	GENVT2PRIB	-	40000	-	Harness Xtra 5.6L TripleFLEX	Fortix	320/56/120	John Deere 7200 John Deere 9500
<b>Tom Walsh</b> Hampstead, MD	288.2975	Pioneer P1197AM™	AM,LL,RR2	-	32000	-	-	-	277/115/150	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9670 STS
<b>John Rigdon</b> Jarrettsville, MD	280.0704	DEKALB DKC62-08	GENSS	Amplify D+Poncho	37000	-	Acuron	Headline	300/100/300	John Deere 1770NT CCS ProXP John Deere 9670 STS
<b>MAINE</b>										
<b>Ryan Crane</b> Exeter, ME	192.5061	Channel 185-15VT2PRIB	VT2P	Acceleron+ Poncho 250	32800	-	Halex GT	-	450/40/75	John Deere 1775NT John Deere S660
<b>Tyler Bartlett</b> New Gloucester, ME	191.7331	Channel 192-09VT3PRIB	VT3P	-	34000	-	-	-	0/0/0	White 6100 John Deere 8820
<b>Alexander Hilton</b> Norridgewock, ME	167.9629	DEKALB DKC45-07RIB	GENSSRIB	AVIPEL	30000	-	Cornerstone Plus Lumax EZ	Affiance	180/0/120	Great Plains YP-625A Claas Lexion 450
<b>MICHIGAN</b>										
<b>Douglas Stall</b> Charlotte, MI	328.3856	Pioneer P0157AM™	AM,LL,RR2	PPST 250	35000	-	AAtrex 4L, AMS Crop Oil, Realm Q Makaze Yield Pro	-	210/50/120	Case IH 1250 Front-Fold Case IH 8010
<b>Jessica Walton</b> Imlay City, MI	284.0304	DEKALB DKC53-56RIB	GENSSRIB	Acceleron	36000	-	-	-	250/75/150	Kinze 4900 Case IH 9240
<b>John Ferkowicz</b> Silverwood, MI	283.8296	DEKALB DKC52-68RIB	GENVT2PRIB	Acceleron+ Poncho 250	32000	-	Acuron Durango	-	160/20/180	John Deere 7200 John Deere 9500
<b>MISSISSIPPI</b>										
<b>Justin Hurt</b> Senatobia, MS	284.2678	AgriGold A6499 STX	STX	Poncho 500+ VOTIVO	44000	-	-	-	300/150/300	Monosem Twin Row John Deere S670
<b>Scott Flowers</b> Dublin, MS	280.1513	Pioneer P2089YHR	YGCB,HX1, LL,RR2	-	32000	-	-	-	250/0/0	Great Plains 3PYPA John Deere S670
<b>Adam Hurt</b> Senatobia, MS	279.1407	AgriGold A6499 VT2PRO	VT2PRO	Poncho 500	44000	-	-	-	300/150/300	Monosem Twin Row John Deere S670

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JOHN DEERE

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

### NORTH CAROLINA

<b>Dennis Boerema</b> Pantego, NC	275.7421	DEKALB DKC62-08	GENSS	Poncho 1250+ VOTIVO	37000	Bifenthrin -	Halex GT -	Headline AMP -	245/38/60	John Deere DB44 Case IH 8120
<b>James Allen</b> Washington, NC	272.9055	AgriGold A6711 VT2PRO	VT2PRO	Poncho 1250	33250	-	-	-	190/80/120	John Deere DB58 John Deere 5680
<b>Eric Bell</b> Pantego, NC	260.2197	Dyna-Gro D58VC65	VT2P	Poncho 1250+ VOTIVO	38000	-	-	-	291/57/160	John Deere 1725 CCS Twin Row John Deere S690

### NORTH DAKOTA

<b>Steve Huber</b> Berlin, ND	285.8132	DEKALB DKC44-15RIB	GENVT2PRIB	-	32000	-	Atrazine 4L, Class Act NG Interlock, TripleFLEX Roundup PowerMax	-	115/70/25	John Deere 1710 John Deere S680
<b>Cody Frautenberg</b> Lamoure, ND	282.1963	DEKALB DKC45-66RIB	GENVT2PRIB	Jump Start+ Poncho 250, Acceleron, Ascend, Conklin	39500	Kendo	Harness Roundup PowerMax	-	215/140/120	John Deere DB66  Case IH 9120
<b>Laura Nelson</b> Lamoure, ND	269.9043	DEKALB DKC45-66RIB	GENVT2PRIB	Jump Start+ Poncho 250, Acceleron, Ascend, Conklin	39500	Kendo	Harness Roundup PowerMax	-	215/130/130	John Deere DB66 Case IH 9120

### NEBRASKA

<b>Rob &amp; Steve Chatt</b> Tekamah, NE	303.1840	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	30000	-	2,4-D LV6, Atrazine Roundup PowerMax Status, Verdict	-	0/0/0	John Deere 1790 CCS John Deere 5680
<b>Kim Scholting</b> Louisville, NE	289.7343	Pioneer P1197AM™	AMT,LL,RR2	Poncho 1250+ Raxil+Votivo	31000	-	Cinch ATZ	-	250/100/0	John Deere 1790 CCS John Deere 9770 STS
<b>Jon Langenberg</b> Norfolk, NE	278.7470	DEKALB DKC60-88RIB	GENVT2PRIB	A250-B	30800	Bifenthrin 2EC	2,4-D LV, Acuron Atrazine 4L, Bellum Roundup PowerMax	Quilt Xcel	185/225/50	John Deere 1770NT New Holland CR8090

### NEW HAMPSHIRE

<b>William Llewelyn</b> Northfield, MA	235.6587	Pioneer P9840AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	40000	-	Lumax EZ	-	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
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### NEW JERSEY

<b>Sam Santini</b> Stewartsville, NJ	307.0245	DEKALB DKC64-87RIB	GENSSRIB	Acceleron	42000	-	Acuron	-	300/100/100	John Deere 1790 CCS John Deere S660
<b>Thomas Meyer</b> Pittstown, NJ	265.3577	Pioneer P2089AM™	AM,LL,RR2	Acceleron	37000	Ethos XB	Anthem ATZ	Priaxor	250/60/200	John Deere 1775NT John Deere S660
<b>Scott Clucas</b> Califon, NJ	261.1529	DEKALB DKC62-08RIB	GENSSRIB	-	32000	-	-	-	0/0/0	Kinze 3600 Case IH 6130

### NEW MEXICO

<b>Craig Breshears</b> Portales, NM	88.2784	Pioneer P1197AM™	AM,LL,RR2	Apron TL	12000	-	Balance + Cinch	-	30/10/0	John Deere 1720 Stack-Fold MaxEmerge Plus Case IH 1680
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### NEW YORK

<b>Henry Everman</b> Dansville, NY	326.9146	DEKALB DKC64-87RIB	GENSSRIB	-	36000	-	-	-	300/90/60	John Deere 1760NT MaxEmerge XP John Deere 9770 STS
<b>Jason Swede</b> Pavilion, NY	289.5241	DEKALB DKC62-08RIB	GENSSRIB	Acceleron	35000	-	Roundup PowerMax Yukon	-	218/56/129	John Deere 1770NT John Deere 9670 STS
<b>Gary Swede</b> Pavilion, NY	283.7295	DEKALB DKC46-79RIB	GENSSRIB	Acceleron	35000	-	Roundup PowerMax Yukon	-	218/56/129	John Deere 1770NT John Deere 9670 STS

### OKLAHOMA

<b>Steve Sloan</b> Gore, OK	256.7739	Pioneer P1602AM™	AM,LL,RR2	Amplify D+ Poncho 1250	29000	-	Callisto+Aatrex	-	240/0/0	John Deere 1770 NT CCS John Deere S670
<b>Lauren Ledbetter</b> Okmulgee, OK	251.8022	DEKALB DKC64-35RIB	GENVT2PRIB	Acceleron+ Poncho 250	31000	-	Gly Star Plus Medal II ATZ	Approch Prima	280/50/50	John Deere 1770NT John Deere S670
<b>Gayla Ledbetter</b> Okmulgee, OK	234.0406	Pioneer P2089VYHR*	AVBL,YGCB, HX1, LL,RR2	Amplify D+ Poncho 250	28500	-	Gly Star Plus Medal II ATZ	Approch Prima	275/50/50	John Deere 1770NT John Deere S670

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You can't count on Mother Nature, but you can count on Armezon PRO herbicide from BASF. Unlike competitive herbicides that require up to an inch of rain to activate, Armezon PRO herbicide needs only a quarter-inch to activate. And weather records from the past 10 years show you're 2.5 times more likely to get a quarter-inch of rain than one inch. Plus, it has a one-third lower use rate and gives you flexibility for pre- or post-applications. Talk with your BASF representative. And to see the data for your location, check out our Rainfall Activation Tool at [ArmezonPROActivation.com](http://ArmezonPROActivation.com).

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542 bu/A



**Nathan O'Berry**  
*DuPont Pioneer  
Territory Manager*

**David Hula**  
*Grower*

## **CONGRATULATIONS TO DAVID HULA FOR PUTTING UP THE WORLD'S HIGHEST CORN YIELD EVER. AGAIN.**

When David Hula plants Pioneer® brand corn products, he knows the sky is the limit — and he just proved it again by breaking the NCGA Yield Contest record with Pioneer® P1197<sup>AM</sup>™ brand corn, yielding 542 bu/A. Here's to being a part of his world-record-breaking team for many years to come.

\*All Pioneer products are hybrids unless designated with AM1, AM, AMRW, AMT, AMX and AMXT, in which case they are brands. Product responses are variable and subject to any number of environmental, disease and pest pressures. Individual results may vary.

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### 2017 NCGA YIELD CONTEST NATIONAL WINNERS

NATIONAL RANK	ENTRANT NAME	CITY, STATE	PIONEER® HYBRID/BRAND*	YIELD (BU/A)
<b>A Non-Irrigated</b>				
1st	Dan Gause	Scranton, SC	P2089 <sub>YHR</sub>	<b>357.06</b>
3rd	William Thomas	Cades, SC	P1775 <sub>YHR</sub>	<b>339.09</b>
<b>AA Non-Irrigated</b>				
2nd	Jeannie Linneweber	Vincennes, IN	P1479 <sub>AM</sub> <sup>™</sup>	<b>347.50</b>
<b>A No-Till/Strip-Till — Non-Irrigated</b>				
1st	John Gause	Scranton, SC	P2160 <sub>YHR</sub>	<b>353.57</b>
3rd	Daniel Gause	Scranton, SC	P2160 <sub>YHR</sub>	<b>336.23</b>
<b>AA No-Till/Strip-Till — Non-Irrigated</b>				
2nd	Robert Little	Hebron, IN	P1366 <sub>AM</sub> <sup>™</sup>	<b>338.60</b>
3rd	Faith Little	Hebron, IN	P1197 <sub>AM</sub> <sup>™</sup>	<b>322.71</b>
<b>No-Till/Strip-Till — Irrigated</b>				
<b>1st</b>	<b>David Hula</b>	<b>Charles City, VA</b>	<b>P1197<sub>AM</sub><sup>™</sup></b>	<b>542.27</b>
<b>Irrigated</b>				
1st	Don Stall	Charlotte, MI	P0574 <sub>AM</sub> <sup>™</sup>	<b>407.21</b>

Congratulations to all the NCGA Yield Contest winners who put up sky-high yield numbers with Pioneer brand products.

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**WORD GO**

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Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>A NON-IRRIGATED - CONTINUED</b>									
<b>PENNSYLVANIA</b>									
<b>Linda Krall</b> Lebanon, PA	287.8486	Pioneer P0843AM™	AM,LL,RR2	Poncho 1250	35000	–	Atrazine 4L Resolve Q Roundup PowerMax	Stratego YLD 250/120/120	Kinze 3500 Gleaner R65
<b>Eric Charles</b> Lancaster, PA	279.4501	DEKALB DKC62–20RIB	GENVT2PRIB	Poncho 1250	37800	Province	Acuron Gly Star Plus	Trivapro 290/40/80	Kinze 3600V Case IH 8010
<b>Dwight Zook</b> Oley, PA	275.9150	Pioneer P1197AMXT™	AMXT,LL,RR2	PPST 250	34000	–	–	250/0/0	Kinze 3600 John Deere 9570 STS
<b>SOUTH CAROLINA</b>									
<b>Dan Gause</b> Scranton, SC	357.0621	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser	33000	–	–	375/150/200	John Deere 1720 MaxEmerge XP John Deere S670
<b>William Thomas</b> Cades, SC	339.0995	Pioneer P1775YHR	YGCB,HX1, LL,RR2	–	33000	–	Atrazine	367/150/200	John Deere 1720 Stack–Fold MaxEmerge Plus John Deere 9770 STS
<b>SOUTH DAKOTA</b>									
<b>Daryl Aklard</b> Beresford, SD	267.8800	Pioneer P1197AM™	AM,LL,RR2	Poncho 250+Raxil	34000	–	Balance Flexx Generic Roundup, Laudis	325/90/90	John Deere 1760 Case IH 2388
<b>Harold Wipf</b> Scotland, SD	266.3568	Pioneer P1151AM™	AM,LL,RR2	PPST 250	27500	–	Atrazine 4L, Balance Flexx Callisto, Roundup PowerMax	228/76/0	John Deere 1770 NT CCS John Deere S670
<b>Ronald Johnson</b> Alcester, SD	265.0910	Pioneer P1151AM™	AM,LL,RR2	PPST 250	34000	–	Atrazine 90, Balance Pro Generic Roundup	170/65/50	John Deere 7200 John Deere 9650 STS
<b>TENNESSEE</b>									
<b>Ethan Tanner</b> Union City, TN	312.0663	AgriGold A6499 STX	STX	Poncho 1250+ VOTIVO	38000	–	Halex GT	300/60/150	John Deere 1770NT Case IH 8240
<b>Kenneth Barnes</b> Union City, TN	309.2401	DEKALB DKC64–35	GENVT2P	Acceleron+ Poncho 250	34000	–	AAtrex Nine0 Halex GT	300/70/90	John Deere DB60 Case IH 8230
<b>Brenda Tanner</b> Union City, TN	308.2890	DEKALB DKC65–20VT2PRO	VT2PRO	Acceleron+ Poncho 250	34000	–	Halex GT	300/50/200	John Deere 1770 NT CCS Case IH 8240
<b>TEXAS</b>									
<b>Todd Kimbrell Jr</b> Itasca, TX	217.5012	DEKALB DKC64–34	GENSS	Cruiser 500	29000	–	AAtrex+Roundup	180/70/30	John Deere 1770 NT CCS John Deere S680
<b>UTAH</b>									
<b>Bart Pali</b> Brigham City, UT	210.3858	DEKALB DKC54–38RIB	GENSSRIB	Poncho 500	25000	–	Roundup PowerMax	200/50/0	Case IH 1200 Case IH 9230
<b>VIRGINIA</b>									
<b>Heath Cutrell</b> Chesapeake, VA	333.4922	DEKALB DKC64–35RIB	GENVT2PRIB	Poncho 1250	38000	–	–	Headline AMP 353/80/186	Case IH 1245 Case IH 8230
<b>Timmy French</b> Woodstock, VA	282.7410	DEKALB DKC70–27RIB	GENVT2P	Acceleron+ Poncho 250	32000	–	Bicep II	290/0/0	Kinze 3600 John Deere 9510
<b>Ryan Staples</b> Colonial Beach, VA	262.7374	Axis 64K24	VT2P	Acceleron+ Poncho 250	30000	–	–	100/0/0	John Deere 1770NT John Deere S680
<b>WEST VIRGINIA</b>									
<b>Chris Miltenberger</b> Keyser, WV	280.7601	DEKALB DKC70–27RIB	GENVT2P	Acceleron+ Poncho 250	36000	Lambda–Cy	Dicamba DMA Gly Plus Resolve Q	Headline AMP 150/8/2	John Deere 1770NT John Deere S660
<b>Paul Miltenberger</b> Keyser, WV	264.5224	DEKALB DKC64–87RIB	GENSSRIB	Acceleron + Poncho250 + Invigor8	35000	Lambda–Cy	Dicamba DMA Gly Plus Resolve Q	Headline AMP 150/8/2	John Deere 1770NT John Deere S660
<b>Ronald Widmyer</b> Charles Town, WV	212.2200	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	26000	–	Lexar Princep 4L Roundup PowerMax	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660



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## First Place



**KEVIN KALB**  
Dubois, IN

386.1630 bu./acre  
DEKALB DKC66-74RIB  
Population: 39,000  
Harvester: Case IH 8230

### SUPERVISORS

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

**Tony Sanders:** Ag Loan Officer,  
Old National Bank

At the start of the growing season, Kevin Kalb was anything but confident about his prospects for producing a yield worth entering in this year's contest. He had planted his contest field under "beautiful, great" conditions on April 14.

But two weeks later, 10 inches of rain fell in an eight-hour period. "It completely wiped us out," says Kalb. "It destroyed the ground and moved all kinds of dirt. We were thinking that any chance for a yield was out."

By the time Kalb got back into the field for a replant on May 15, the weather had turned. "We had perfect growing conditions for the whole year," he says.

Thanks to timely rains in June and July, Kalb's contest ground was a little on the wet side heading into August. The rains turned off, but temperatures cooled. For the month, daytime highs were eight to nine degrees cooler than normal and night-time temperatures were under 70 degrees for 28 straight days, almost unheard of in his part of the country. Solar radiation for the month was 30 percent higher than the five-year average.

"It's a pretty simple formula," he says. "Cool weather plus lots of sunshine equals big yields."

Kalb took advantage of the great weather by diligently monitoring fertility levels. At 300 Growing Degree Units (GDUs), he began pulling weekly tissue samples to determine the crop's nutrient needs. At V5, he supplemented the nitrogen he had laid down through a pop-up

at planting with an over-the-top application of nitrogen and micronutrients. When the crop reached V10, he used the Y-drops on his Hagie Highboy spray rig to apply a final shot of nitrogen and micronutrients.

Applying granulated sugar also continued to be a part of Kalb's management program. He applied one pound of sugar per acre at seven key points during the growing season. "A corn plant is a high output factory that consumes a lot of energy," he says. "The sugar supplies some fuel for that factory's engine. It also helps reduce insect pressure."

To counter an outbreak of southern rust, Kalb used several foliar fungicides in over-the-top applications at V10, brown silk and three weeks after brown silk. "It looks like something we'll be dealing with for a long-time," he says. "In previous years, we only did two fungicide applications, but we're sure we gave up some yield. We'll continue to tinker with different products and application frequency and timing to see what we can do to hold it in check."

## Eliminate Obstacles To Higher Yields

**Challenge:** Hold southern rust at bay

**Solution:** Apply multiple treatments of foliar fungicides

## Second Place

**JEANNIE LINNEWEBER**  
Vincennes, IN

347.5034 bu./acre  
Pioneer P1479AM  
Population: 35,500  
Harvester: John Deere 9660 STS

### SUPERVISORS

**Eugene D. Flaningham:**  
Agronomist, Flaningham  
Ag Consulting  
**Mike Whaley:** Ag Loan  
Officer, Elberfeld  
State Bank

Jeannie Linneweber's second-place yield almost didn't happen. Things were looking pretty good when she planted her contest ground in late-April, about normal for her part of the country. "But right after we planted, the weather turned unusually wet and cold," says Linneweber. "We didn't get any kind of a stand. So, we had to get out there with the field cultivator and start over in mid-May."

The weather improved dramatically after the re-plant. "We didn't get a lot of rain, but it stayed pretty cool all summer," she notes. "The conditions were just right around pollination, and I think that's what saved us."

Making use of a starter fertilizer—10 gallons/acre of 28 percent nitrogen with one pint boron and one pint sulfur—applied through the planter also helped. "It's something we started doing last year," she explains. "It gives the crop a little more boost to get going, especially in the cool weather."

An aerial application of **Headline** right after the corn tasseled also proved beneficial. "We thought we might have more problems with plant health because of the late start," says Linneweber. "If we had just done the one planting, it may not have been necessary. The way things turned out, it was good insurance."

## Third Place

**DONALD WATERS**  
Cumberland, IA

343.2731 bu./acre  
DEKALB DKC63-35RIB  
Population: 32,500  
Harvester: Case IH 7230

### SUPERVISORS

**Joe Platt:** Ag Loan  
Officer, First National  
Bank

**Wesley Anstey:** Ag Loan  
Officer, Rolling Hills Bank  
& Trust

At times during the growing season, Donald Waters doubted that he'd have any kind of corn crop, much less an award-winning yield. "The weather really wasn't the best," says Waters, who is making his first appearance in the national winner's circle. "In the end though, all the stars aligned. It turned out to be the best corn I've ever grown, by far."

His contest entry went into the ground on May 7. "Usually, we try to get going on planting around April 20," Waters notes. "But this year, it was just so wet and cold."

The corn came out of the ground in good shape. But then the weather turned to the dry side. "We got a sprinkle here and there but nothing to really help out the crop," he says. "Throughout the middle of the summer, we felt like we were never more than 10 minutes away from a disaster."

A late summer gully washer saved the day. "We really thought the crop had already been made and that our yields would be pretty poor. But then we got four inches of rain in one shot and things turned around. The size of the kernels doubled. You can do everything right. But in the end, Mother Nature determines what your yield will be."

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>AA NON-IRRIGATED</b>										
<b>IOWA</b>										
<b>Donald Waters</b> Cumberland, IA	343.2731	DEKALB DKC63–35RIB	GENVT2PRIB	Acceleron+ Poncho 250	32500	–	Halex GT	–	200/60/60	John Deere 1760 Case IH 7230
<b>Leslie Lindner</b> Keokuk, IA	321.0356	Pioneer P1870AM™*	AM,LL,RR2	–	40000	–	Halex GT	–	275/75/65	White 6122 John Deere 9770 STS
<b>Terry Lowry</b> Searsboro, IA	314.4225	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	36000	–	Corvus	Approch Prima	200/0/0	John Deere 1795 John Deere S660
<b>ILLINOIS</b>										
<b>James Cecil</b> Rock Island, IL	334.9659	Pioneer P1197AM™	AM,LL,RR2	–	34000	–	Atrazine Halex GT	–	190/150/200	John Deere 1770NT John Deere 9870
<b>Fred Tipton</b> Savanna, IL	319.9736	Pioneer P1257AMXT™	AMXT,LL,RR2	Poncho 1250+ VOTIVO	33000	–	–	–	220/0/0	Case IH 1250 Front–Fold Case IH 7120
<b>Scott Reel</b> Mendota, IL	317.5489	DEKALB DKC64–34RIB	GENSSRIB	Poncho 500	38000	–	Roundup PowerMax SureStart	Headline AMP Stratego YLD	250/78/90	Kinze 3600 John Deere 9770 STS
<b>INDIANA</b>										
<b>Kevin Kalb</b> Dubois, IN	386.1630	DEKALB DKC66–74RIB	GENSSRIB	Acceleron+ Poncho 250	39000	–	Degree Xtra, Status Roundup PowerMax	–	200/0/0	Case IH 1250 Front–Fold Case IH 8230
<b>Jeannie Linneweber</b> Vincennes, IN	347.5034	Pioneer P1479AM™	AM,LL,RR2	Amplify L+ Poncho 1250	35500	Sniper	2,4–D LV4, Acuron Atrazine 4L, Impact Roundup PowerMax	Trivapro	185/50/50	John Deere 1790 John Deere 9660 STS
<b>Brad Wehr</b> Jasper, IN	342.0317	DEKALB DKC67–44RIB	GENVT2PRIB	Acceleron	44000	–	Halex GT Lexar	–	300/0/0	John Deere 1770NT John Deere S670
<b>MINNESOTA</b>										
<b>Eugene Anderson</b> Waltham, MN	312.0380	DEKALB DKC54–38RIB	GENSSRIB	–	35890	–	–	–	95/125/150	White 8200 John Deere 9550
<b>Douglas Steele</b> Alden, MN	298.7992	Pioneer P1197AM™	AM,LL,RR2	PPST 250	36000	–	Harness, Resicore Roundup PowerMax	–	200/50/60	John Deere 1770NT John Deere S670
<b>Clinton Benz</b> Blue Earth, MN	293.8068	Pioneer P1366AM™*	AM,LL,RR2	–	37000	–	Abundit Extra, Atrazine Armezon Pro Verdict	Priaxor Stratego YLD	266/166/136	John Deere 1760 Drawn Wing–Fold Flex John Deere 9500
<b>MISSOURI</b>										
<b>Nick Lanpher</b> Cape Girardeau, MO	316.6850	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	–	32000	–	–	–	225/50/140	John Deere 1720 MaxEmerge XP John Deere 9670 STS
<b>Jane Cox</b> Delta, MO	305.6893	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	–	30000	–	–	–	280/20/20	John Deere 1720 MaxEmerge XP John Deere 9670 STS
<b>Jay Smith</b> Fairfax, MO	297.7424	Producers Hybrids 7263VT2RIB	Genuity(R) VT Double Pro(R) RIB Complete(R)	Acceleron+ Poncho 250	34000	–	–	–	200/70/70	Kinze 3600 John Deere 9570 STS
<b>OHIO</b>										
<b>Don Jackson</b> Camden, OH	298.5093	DEKALB DKC64–34RIB	GENSSRIB	–	38200	–	Atrazine 4L, Choice FulTime, Roundup PowerMax	–	100/15/0	John Deere 1770NT John Deere 9560 STS
<b>Wayne Carlin</b> Stryker, OH	297.7276	Pioneer P0825AMXT™	AMXT,LL,RR2	Cruiser 250+ Dynasty	33000	Baythroid	Atrazine Corvus	Stratego	200/0/150	Case IH 1250 Case IH 9520
<b>Cory Atley</b> Cedarville, OH	295.9950	Beck's Hybrids 6589V2P	VP2P	Poncho 250	41000	Capture LFR Fastac	Atrazine 4L Corvus	Headline AMP Stratego YLD	395/80/120	John Deere DB60 Claas Lexion 760
<b>WISCONSIN</b>										
<b>Kiel Martin</b> Shullsburg, WI	289.9953	DEKALB DKC63–60RIB	GENSSRIB	Acceleron	36000	–	Roundup PowerMax Roundup WeatherMax TripleFLEX	–	240/92/120	Kinze 3600 Case IH Axial–Flow 7120
<b>Betty Steiger</b> Bloomington, WI	287.5800	DEKALB DKC62–20RIB	GENVT2PRIB	Acceleron+ Poncho 250	40000	–	Harness TripleFLEX	–	0/0/0	John Deere 1760 MaxEmerge Plus Vacuum John Deere 9660 STS
<b>Kevin Bahr</b> Darlington, WI	284.7710	DEKALB DKC63–60RIB	GENSSRIB	–	37000	Capture	Acuron, Durango Status	–	260/90/65	John Deere 1775NT John Deere S670

## First Place



**JOHN GAUSE**  
Scranton, SC

353.5796 bu./acre  
**Pioneer 2160YHR**  
Population: 33,000  
Harvester: John Deere 9770 STS

### SUPERVISORS

**Jacob Stokes:** Clemson University  
Cooperative Extension  
**Andy T. Duncan:** Clemson University  
Cooperative Extension

If recent past performance is any indication of future results, the Gause family might want to think about holding their next family reunion in the winner's circle of the National Corn Yield Contest.

Not only did John top all entries in this class with a yield of nearly 354 bu./acre this year, his cousin, Dan Gause, was the first-place winner in the A Non-Irrigated class. Dan's son, Daniel, and long-time friend, William "Landy" Thomas also registered placements in this year's contest.

What's more, all four were winners in the contest a year ago. "We've had a pretty good couple of years," says Gause. "Now, we'll just have to see what we can do going forward."

Weed control helped to shape this year's contest-winning yield. A month or so ahead of planting, he applied one quart/acre of Roundup as a burndown on his contest field (planted to soybeans the year before). "If you can start clean, you'll be way ahead of the game for the entire season," Gause says.

At planting, he broadcast two quarts of Atrazine and one quart of Roundup PowerMAX then followed up with one quart of each in a lay-by application when the crop reached V5. "After that, we count on the canopy provided by our high plant populations to shade out any weeds that might still be out there," Gause explains.

To head off potential plant disease outbreaks, he made an over-the-top application of 10

ounces of **Headline** at V7. "We haven't had a problem here with any specific diseases, but there is rust and leaf blight in our area," he notes. "So we'll err on the side of caution and use a fungicide, especially if the corn looks good and the yield potential is there."

Gause has been taking part in the yield contest since 2010. "It's great in a number of different ways," he says. "Some of it is the competition. It's always interesting to see how you measure up with other corn growers. It also encourages you to try some new methods and practices that you couldn't necessarily afford to go out and do on a thousand acres.

"And we really enjoy going to the Commodity Classic," he continues. "The trade show is fantastic and they have a great line-up of speakers and seminars. But the best thing is talking with other growers and hearing about what they're doing to get better at growing corn."

## Eliminate Obstacles To Higher Yields

**Challenge:** Weed pressure

**Solution:** Keep fields clean early while plant canopy develops

## Second Place

**MARVIN & GLENN WILES**  
Plattsmouth, NE

351.2551 bu./acre  
**DEKALB DKC64-35RIB**  
Population: 42,000  
Harvester: John Deere S670

### SUPERVISORS

**Russ Henning:** Ag Loan  
Officer, Murray State Bank  
**Gene R. Noell:** Retired Ag  
Loan Officer  
**Tim Mindorf:** Agronomist,  
Midwest Laboratories

A weather glitch early in the growing season wasn't enough to keep the Wiles brothers, Marvin and Glenn, out of the contest winner's circle. The brothers planted their contest entry on April 1. Ten days later, two inches of snow covered the field. "We weren't quite sure what to think," says Marvin. "As it turned out, the snow might have been beneficial. It gave us an insulating blanket of moisture and helped with germination. Everything we planted came out of the ground. Losing just one plant per acre is too much when you're playing the high-yield game."

An in-furrow application of OptiStart, a complete starter fertilizer consisting of N-P-K along with sulfur and zinc, also helped ensure uniform emergence.

"It (a starter) is the best way I know of to place immobile soil nutrients and make them immediately available to the plant," he notes.

After the snow event, the weather turned favorable for the rest of the season. "We didn't have any real temperature extremes, and during June and July we had good rains every seven to 10 days. That's just about unheard of in our area. It really helped when it came to making timely fertilizer applications and making added fertility plant-available."

## Third Place

**DANIEL GAUSE**  
Scranton, SC

336.2386 bu./acre  
**Pioneer P2160YHR**  
Population: 33,000  
Harvester: John Deere 9770 STS

### SUPERVISORS

**Jacob Stokes:** Clemson  
University Cooperative  
Extension  
**Andy T. Duncan:** Clemson  
University Cooperative  
Extension

Daniel Gause makes a second straight appearance in the contest winner's circle this year with a yield of just over 336 bu./acre. He went all out to make sure his 12-row, John Deere MaxEmerge planter was operating efficiently when planting time arrived. After an initial once-over, he took the planter into the field to do a couple of test runs. "When we find something isn't just quite right, we go back and work on it some more," he says. "Getting that seed placed at just the right depth and avoiding skips and doubles is so important to getting a nice, even stand. And that all starts with the equipment."

He's equally diligent when it comes to scouting his contest acres. "I'm out there at least once a week checking to make sure everything is going along like it should be," Gause says. "If I spot something that's not quite right, I can make the adjustments."

Next year, he's considering using a drone and/or a satellite imaging service to supplement his field walks and drive-bys. "It will give us a few more looks at how things are going," he says. "When it comes to high yields, you can't have too much information."

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

### ALABAMA

<b>Seth More</b> Aliceville, AL	274.6544	DEKALB DKC66-94	RR2	Poncho 250	33000	-	2,4-D LV4, AMS Atrazine, Leadoff, Resicore	-	280/30/40	John Deere 1720 CCS Stack-Fold John Deere S690
<b>Jessie Hobbs</b> Elkmont, AL	251.5775	DEKALB DKC65-20	GENDGVT2P	Amplify D+ Poncho 250	31000	-	Roundup PowerMax Sharpen	-	0/0/0	John Deere 1795 John Deere S670
<b>Mike Flynt</b> Centre, AL	239.4778	DEKALB DKC64-69	GENVT3P	-	28220	Lambda T	Atrazine, Dicamba Roundup PowerMax	Azoxystrobin	215/45/90	John Deere 1705 Case IH 1440

### ARKANSAS

<b>Scott Williamson</b> Eads, TN	252.4147	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	-	Atrazine Halex GT	-	240/30/60	Kinze 3600 John Deere 9860
<b>Lilly Williamson</b> Eads, TN	241.4605	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	32000	-	Atrazine Halex GT	-	240/30/60	Kinze 3600 John Deere 9860

### COLORADO

<b>Jason Kramer</b> Bethune, CO	177.9704	DEKALB DKC61-55RIB	GENDGVT2PRIB	Acceleron+ Poncho 250	12700	-	Credit Laudis	-	70/15/0	John Deere 1770NT CCS ProXP John Deere S680
<b>Eric Wood</b> Two Buttes, CO	176.8214	Pioneer P1751AM™	AM,LL,RR2	Dupont Lumivia+ Raxil	10000	-	-	-	30/20/0	John Deere 1770 Drawn CCS MaxEmerge John Deere S680
<b>Wayne, Bryan &amp; Robert McKinney</b> Weskan, KS	151.3197	Pioneer P0506AM™	AM,LL,RR2	-	14000	-	-	-	80/30/0	John Deere 1770NT John Deere S670

### CONNECTICUT

<b>Sanford Cohen</b> Ellington, CT	227.9489	DEKALB DKC57-75RIB	GENSSRIB	Acceleron	32000	-	-	-	250/60/120	John Deere 1750 MaxEmerge Plus Vacuum Gleaner L3
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### DELAWARE

<b>Aaron R Thompson</b> Hartly, DE	278.9227	Channel 214-00DGV2PRIB	DGV2P	Poncho 250	25000	-	-	-	190/0/10	Kinze 2500 Gleaner R72
<b>Whitney Snow</b> Smyrna, DE	268.4840	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	34000	Bifenture Lambda	Atrazine, Roundup Simazat, Zidua	Headline AMP	280/80/112	John Deere 1770NT John Deere S670
<b>Crystal Wyatt</b> Harrington, DE	252.9088	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	30000	Capture Warrior II	Lexar+Roundup Roundup	Headline AMP	205/12/0	Kinze 3660 John Deere 9770 STS

### FLORIDA

<b>Sam Jones</b> Jasper, FL	213.1852	Pioneer P1916YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 250	27465	Bifenture Mustang MAX	2,4-D Amine Atrazine 4L, Gly Star	Quilt Xcel	210/60/210	Monosem Twin Row Case IH 1660
<b>Miriam Classen</b> Mc David, FL	212.8423	Pioneer P1319HR	HX1,LL,RR2	Conklin	29000	-	Atrazine+Roundup	-	200/0/0	John Deere 1720 MaxEmerge XP John Deere 9600

### GEORGIA

<b>Jamie Jordan</b> Centre, AL	259.4603	DEKALB DKC62-08	GENSS	-	26500	Grizzly	Atrazine+Roundup Laudis, Valor Roundup Max	Stratego YLD	150/0/0	John Deere 1790 CCS Case IH 2388
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### KANSAS

<b>Gary Meats</b> Le Roy, KS	282.9280	DEKALB DKC64-35RIB	GENVT2PRIB	Acceleron+ Poncho 250	30000	Arctic 3.2EC	Atrazine 4L, Corvus Autumn Super, DiFlexx	-	250/60/60	Case IH 1255 Front-Fold Early Riser Case IH 7230
<b>Harrison &amp; Kem Idol</b> Hiawatha, KS	281.8967	Pioneer P2089AM™	AM,LL,RR2	-	36000	-	-	-	0/0/0	John Deere 1790 CCS Case IH 7230
<b>Mike Meats</b> Le Roy, KS	279.7684	DEKALB DKC64-35RIB	GENVT2PRIB	Acceleron+ Poncho 250	29500	Arctic 3.2EC	Atrazine 4L, Corvus Autumn Super, DiFlexx	-	240/50/50	Case IH 1255 Front-Fold Early Riser Case IH 7230

### KENTUCKY

<b>Billy Morris</b> Liberty, KY	315.2242	DEKALB DKC64-35	GENVT2P	-	33000	-	Atrazine+Roundup	-	233/90/120	Kinze 3500 John Deere 9660 STS
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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>A NO-TILL/STRIP-TILL NON-IRRIGATED - CONTINUED</b>										
<b>Albert Peterson</b> Loretto, KY	312.5152	Pioneer P1197*	CONV	PPST 250	32100	Hero Lamcap Sniper	Atrazine, Corvus Roundup PowerMax Starane Ultra, Stout	Trivapro	195/38/33	John Deere 1770 NT CCS John Deere S680
<b>Jerry Griffith</b> Mayfield, KY	301.1624	DEKALB DKC64-35RIB	GENVT2PRIB	Amplify D+ Poncho 250	30000	Sniper	2,4-D LV, Atrazine DF Generic Roundup Roundup, Warrant	-	200/200/200	John Deere 1795 Claas Lexion 740
<b>LOUISIANA</b>										
<b>Marty Gaspard</b> Lettsworth, LA	265.4100	DEKALB DKC62-08	GENSS	Cruiser 250	36000	-	-	-	220/30/60	John Deere 7340 John Deere S680
<b>Gloria Gaspard</b> Batchelor, LA	264.6075	DEKALB DKC62-08	GENSS	-	36000	-	-	-	220/30/60	John Deere 7340 John Deere S680
<b>Nathan Lee</b> Tallulah, LA	258.4003	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Cruiser 250	33000	-	Atrazine+Roundup Roundup	-	225/40/60	John Deere 1720 MaxEmerge XP John Deere 9770 STS
<b>MASSACHUSETTS</b>										
<b>Wanda Llewelyn</b> Northfield, MA	325.6279	Pioneer P9840AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	45000	-	Lumax EZ	-	303/57/238	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
<b>MARYLAND</b>										
<b>Brenda Walsh</b> Hampstead, MD	288.0024	AgriGold A6499 STXRIB	STXRIB	Acceleron+ Poncho 250	32000	-	2,4-D Ester 4, AAtrex Gramoxone Inteon Python WDG	-	277/115/150	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9670 STS
<b>William Willard</b> Poolesville, MD	279.8398	DEKALB DKC64-35RIB	GENVT2PRIB	Poncho 500	40000	Ethos XB	AAtrex 4L, Princep 4L Gramoxone SL 2.0	-	335/65/285	John Deere 1795 John Deere S660
<b>Brad Rill</b> Hampstead, MD	277.2654	AgriGold A6499 STX	STX	Poncho 250	33000	-	2,4-D LV Ester, Abundit Atrazine 4L, Paraquat Me-Too Lachlor II	-	215/0/0	John Deere 1770 John Deere S680
<b>MAINE</b>										
<b>Brenda York</b> Farmington, ME	168.6497	Pioneer P8906	CONV	-	29200	-	AAtrex Acuron	-	0/0/0	John Deere 7000 Case IH 1460
<b>James Hilton</b> Norridgewock, ME	168.2645	Channel 192-08VT2PRIB	VT2P	-	30000	-	Cornerstone Plus Lumax EZ	Affiance	180/0/120	Great Plains YP-625A Claas Lexion 450
<b>MICHIGAN</b>										
<b>Alvin Ferguson</b> Allenton, MI	273.8431	Pioneer P0574AM™*	AM,LL,RR2	PPST 250	34000	-	Atrazine Capreno	-	180/75/150	Kinze 3650 Case IH 9240
<b>Eric J West</b> Crosswell, MI	272.9674	NuTech Seed 5L601	AM Xtreme	Poncho 250+ VOTIVO	33500	-	Atrazine 4L, Laudis Roundup PowerMax	-	175/20/85	White 6100 Case IH 8230
<b>Don Steenwyk</b> Zeeland, MI	271.0004	Pioneer P0825AM™	AM,LL,RR2	-	39000	-	Abundit Extra	-	0/0/0	John Deere 7200 John Deere 9400
<b>MISSISSIPPI</b>										
<b>Scott Hunter</b> Glen Allan, MS	264.3991	Pioneer P2160YHR	YGCB,HX1, LL,RR2	-	36000	-	-	-	280/150/250	John Deere 1700 MaxEmerge Vacuum John Deere S690
<b>Janelle Good</b> Macon, MS	234.5667	DEKALB DKC68-26	GENVT2P	Acceleron	32500	-	Atrazine 4L Halex GT	-	250/0/0	John Deere 1720 MaxEmerge XP John Deere S670
<b>MONTANA</b>										
<b>Mitch Auer</b> Broadview, MT	78.0799	Pioneer P7443R	RR2	Raxil	13000	-	Roundup PowerMax	-	100/30/0	John Deere 7100 John Deere 9770 STS
<b>NORTH CAROLINA</b>										
<b>Ed Wood</b> Andrews, NC	273.2880	Dyna-Gro D57VP51	VT3P	Poncho 1250	34000	-	Atrazine 4L, Banvel Bicep II Magnum Buccaneer Plus, Dicamba	-	127/13/0	John Deere 1780 Drawn Rigid Gleaner R52

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

<b>Isaac Boerema</b> Pantego, NC	269.2357	DEKALB DKC62-08	GENSS	Poncho 1250+ VOTIVO	37000	Bifenthrin	Barrage HF Halex GT, Roundup	Headline AMP	245/38/60	John Deere DB44 Case IH 8120
<b>Wesley Johnson</b> Dobson, NC	267.5778	Pioneer P1311AM™	AM,LL,RR2	–	34000	–	Bicep II Magnum Glyphosate, Laudis Gramoxone Inteon	–	200/70/90	John Deere 1770NT John Deere 9770 STS

### NORTH DAKOTA

<b>Bobby Frautenberg</b> Lamoure, ND	272.5817	DEKALB DKC45-65RIB	GENSSRIB	Jump Start+ Poncho 250, Acceleron, Ascend, Conklin	39500	Kendo	Harness Roundup PowerMax	–	215/140/140	John Deere DB66 Case IH 9120
<b>Amy Frautenberg</b> Lamoure, ND	265.2429	DEKALB DKC45-65RIB	GENSSRIB	Jump Start+Poncho 250, Acceleron, Ascend, Conklin	39500	Kendo	Harness Roundup PowerMax	–	215/140/140	John Deere DB66 Case IH 9120
<b>Cara Myers</b> Colfax, ND	236.9366	DEKALB DKC51-40RIB	GENVT2PRIB	Amplify L	35000	–	Roundup PowerMax TripleFLEX	–	200/50/80	White 9824 Case IH 8230

### NEBRASKA

<b>Marvin &amp; Glenn Wiles</b> Plattsmouth, NE	351.2551	DEKALB DKC64-35RIB	GENVT2PRIB	–	42000	–	Dual II G Magnum	–	290/50/50	John Deere 1790 CCS John Deere S670
<b>Mike Scholting</b> Louisville, NE	303.8462	Pioneer P1257AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	32500	–	Cinch ATZ	–	260/100/50	John Deere 1790 CCS John Deere 9770 STS
<b>Jeff Baker</b> Pender, NE	284.8558	DEKALB DKC70-27RIB	GENVT2P	Acceleron 250	37000	–	2,4-D, Corvus, DiFlexx Buccaneer+Roundup	–	260/80/30	John Deere 1795 John Deere 9760 STS

### NEW HAMPSHIRE

Mary E Llewelyn Northfield, MA	240.0397	Pioneer P9840AM™	AM,LL,RR2	Poncho 1250 +VOTIVO	37000	–	Lumax EZ	–	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
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### NEW JERSEY

<b>Chris Santini</b> Stewartsville, NJ	296.9762	DEKALB DKC64-34RIB	GENSSRIB	Acceleron	42000	–	Acuron	–	300/100/100	John Deere 1790 CCS John Deere S660
<b>Dominick Santini</b> Phillipsburg, NJ	291.4833	Pioneer P1197*	CONV	–	40000	–	Acuron, Roundup Mustang MAX	Priaxor	150/100/100	John Deere 1790 CCS John Deere 9670 STS
<b>Tammy Meyer</b> Pittstown, NJ	274.5510	Pioneer P0993HR	HX1,LL,RR2	Acceleron	39000	Ethos XB	Anthem ATZ Roundup PowerMax	Priaxor	250/60/150	John Deere 1775NT John Deere S660

### NEW YORK

<b>Matt Kludt</b> Kendall, NY	322.3549	Channel 201-00DGVT2PRIB	DGVT2P	Acceleron+ Poncho 250	38500	–	Atrazine+Roundup, Verdict Roundup PowerMax	–	300/125/300	John Deere 1775NT Case IH 8230
<b>Ryan Swede</b> Pavilion, NY	307.5740	DEKALB DKC63-60RIB	GENSSRIB	Acceleron	35000	–	Roundup PowerMax Yukon	–	218/56/129	John Deere 1770NT John Deere 9670 STS
<b>Matthew Swede</b> Piffard, NY	287.8478	DEKALB DKC49-72RIB	GENSSRIB	Acceleron	35000	–	Roundup PowerMax Yukon	–	218/56/129	John Deere 1770NT John Deere 9670 STS

### OKLAHOMA

<b>Cody Sloan</b> Gore, OK	255.9880	Pioneer P1401VYHR	AVBL,YGCB, HX1,LL,RR2	Amplify D+ Poncho 1250	30000	–	Callisto+Aatrex	–	240/0/0	John Deere 1770 NT CCS John Deere S670
<b>Scotty Herriman</b> S Coffeyville, OK	220.7652	Beck's Hybrids 6365AM	AM	–	34960	–	Acuron	–	190/35/15	John Deere 1790 CCS John Deere 9770 STS

### PENNSYLVANIA

<b>Darren Grumbine</b> Lebanon, PA	294.8680	DEKALB DKC64-89	GENVT2P	–	35000	Capture LFR	2,4-D+Atrazine Gramoxone Inteon, Simazine 90DF	–	200/0/0	Case IH 1200 Pivot John Deere 9510
<b>David Wolfskill</b> Wernersville, PA	292.2660	DEKALB DKC62-08RIB	GENSSRIB	Acceleron+ Poncho 250	39543	Capture LFR Warrior II	2,4-D Ester Acuron, Atrazine 90 Roundup PowerMax	Priaxor	250/0/0	Great Plains YP-1225A Case IH 2388
<b>Kristen Grumbine</b> Lebanon, PA	292.0331	Pioneer P1197AM™	AM,LL,RR2	–	34000	Capture LFR	2,4-D+Atrazine Gramoxone Inteon Simazine 90DF	–	150/0/120	Case IH 1200 Pivot John Deere 9510

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

**SOUTH CAROLINA**

<b>John Gause</b> Scranton, SC	353.5796	Pioneer P2160YHR	YGCB,HX1, LL,RR2	Cruiser 250	33000	–	–	–	365/150/200	John Deere 1720 MaxEmerge XP John Deere 9770 STS
<b>Daniel Gause</b> Scranton, SC	336.2386	Pioneer P2160YHR	YGCB,HX1, LL,RR2	–	33000	–	Atrazine	–	365/150/200	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9770 STS
<b>Jeff Dawson</b> Beaufort, SC	274.4941	DEKALB DKC62-08	GENSS	Invigor8	35000	–	Dicamba Hallex GT	Headline AMP Priaxor	400/180/350	John Deere 1700 MaxEmergePlus John Deere 9500

**SOUTH DAKOTA**

<b>Scott McKee</b> Hawarden, IA	289.1551	Pioneer P1151AMX™	AMX,LL,RR2	Poncho 250+Raxil	36000	–	AMS, Crop Oil Callisto+Aatrex Roundup WeatherMax	–	250/65/65	Case IH 955 Trailing Early Riser Case IH 1660
<b>Brian Hefty</b> Baltic, SD	268.6369	Hefty Seed H5504	GENSS	Hefty Complete	35000	–	Harness, Status Roundup PowerMax	–	300/100/300	Case IH 1255 Case IH 9120
<b>Travis Swisher</b> Grotton, SD	264.3085	DEKALB DKC46-79RIB	GENSSRIB	Accelaron+ Poncho 250	36500	–	Atrazine+Roundup TripleFLEX	–	225/150/40	John Deere 1770 NT CCS John Deere 9770 STS

**TENNESSEE**

<b>Elwin Tanner</b> Union City, TN	306.4564	Pioneer P1870YHR*	YGCB,HX1, LL,RR2	–	33000	–	–	–	300/60/150	John Deere 1770NT Case IH 8240
<b>David Womack</b> Shelbyville, TN	305.0024	AgriGold A6572 STX	STX	Amplify D+ Poncho	40000	–	–	–	250/100/150	Case IH 1250 Case IH 7230
<b>Sharon Barnes</b> Union City, TN	296.6506	DEKALB DKC64-35	GENVT2P	Accelaron+ Poncho 250	34000	–	AAtrex NineO Hallex GT	–	250/60/90	John Deere DB60 Case IH 8230

**TEXAS**

<b>Rick Wilson</b> Decatur, TX	207.6158	NuTech Seed 5F713	LL	Amplify D+ Poncho	24870	–	Power Max Roundup PowerMax	–	207/0/0	John Deere 1760NT John Deere S690
<b>John Reznik</b> Dumas, TX	135.2990	Pioneer P1151AMX™	AMX,LL,RR2	Poncho	15000	–	AAtrex, Bellum Me-Too Lachlor II Roundup PowerMax	–	130/24/0	John Deere 7300 MaxEmerge 2 John Deere 9770 STS

**VIRGINIA**

<b>Charles Bowie</b> Colonial Beach, VA	282.3763	DEKALB DKC65-20RIB	GENDGVT2PRIB	Accelaron+ Poncho 250	37000	–	Atrazine, Leadoff Resicore, Roundup PowerMax	Trivapro	300/0/120	John Deere 1760NT John Deere S670
<b>Guy Gochenour</b> Woodstock, VA	271.2795	DEKALB DKC70-27RIB	GENVT2P	Accelaron+ Poncho 250	37250	–	Lumax EZ	–	325/0/0	Kinze 3600 John Deere 9560
<b>Wendy Gochenour</b> Woodstock, VA	269.0930	DEKALB DKC64-89RIB	GENVT2PRIB	Accelaron+ Poncho 250	37160	–	Lumax EZ	–	325/0/0	Kinze 3600 John Deere 9560

**WASHINGTON**

<b>John Aeschliman</b> Cofax, WA	131.1237	DEKALB DKC27-54	RR2	Accelaron	32000	–	Generic Roundup	–	70/15/15	John Deere 7000 Case IH 7088
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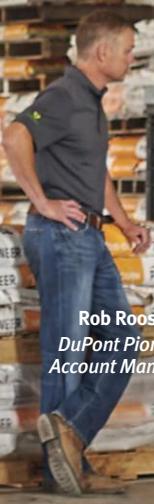
**WEST VIRGINIA**

<b>Grace Wolpert</b> Hurricane, WV	286.9042	DEKALB DKC62-08RIB	GENSSRIB	–	32000	–	2,4-D Ester, Brawl ATZ Buccaneer Plus, Status	–	240/50/100	John Deere 1790 John Deere S670
<b>Bailey Wolpert</b> Hurricane, WV	285.4488	DEKALB DKC62-78RIB	GENDGVT2PRIB	–	31000	–	2,4-D Ester, Brawl ATZ Buccaneer Plus, Status	–	240/50/100	John Deere 1790 John Deere S670
<b>Todd Widmyer</b> Charles Town, WV	232.9823	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	33000	–	Lexar, Princep 4L Roundup PowerMax	–	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660

**WYOMING**

<b>Lee Peterson</b> Albin, WY	93.8714	Pioneer P8639AM™	AM,LL,RR2	Cruiser 250/Raxil	16000	–	Atrazine+Glyphosate Glyphosate	–	70/30/0	John Deere 1770NT CCS ProXP John Deere 9770 STS
<b>Mike Peterson</b> Albin, WY	83.6075	Pioneer P8761AMXT™*	AMXT,LL,RR2	Cruiser 250/Raxil	15000	–	Atrazine+Glyphosate Glyphosate	–	70/30/0	John Deere 1770NT CCS ProXP John Deere 9770 STS

# "YOU DON'T HAVE AN OFF SWITCH, AND I DON'T HAVE AN OFF-SEASON!"



**Rob Roose**  
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YOU**  
— FROM THE —  
**WORD GO**

### First Place



#### SHAWN KALB

Dubois, IN

354.1344 bu./acre  
DEKALB DKC68-26RIB  
Population: 38,000  
Harvester: Case IH 8230

#### SUPERVISORS

**Tim Robinette:** Ag Loan Officer, Old National Bank

**Tony Sanders:** Ag Loan Officer, Old National Bank

**Kenneth J. Eck:** Agent, Purdue University Extension

High yields was a family undertaking for the Kalb family this year. Shawn's yield of just over 354 bu./acre earned her top honors in this class, while her husband, Kevin, notched a first-place in the AA Non-Irrigated class.

A bit of good fortune early on helped her set the stage for the rest of the season. Two weeks after a April 15 planting date, a spring storm dumped 10 inches of rain in eight hours. Her contest ground was in the only field on the farm that didn't suffer severe damage from the downpour. "It sits a little bit higher up on the creek," she explains. "A little bit of soil washed away and the corn flattened in a few spots, but overall the plants came through in pretty good shape."

Kalb planted DEKALB DKC 68-26RIB. "We call it our Hollywood corn," she says. "It's a big, tall and showy plant with a large, flex ear." She planted her entry at 38,000 seeds/acre.

"Over the past several years, we've been pushing the populations on our contest fields quite a bit higher than that," Kalb notes. "But this year, we decided to back off a little. We've been finding that with the thicker populations, we can't cool the plants at night later in the summer. Planting thinner will let the plants release more heat."

To get her entry off to a quick start and ensure uniform emergence, Kalb treated the seed with

Invigor 8 from Genesis Ag then ran 2.5 gallons of CPS's Early Riser fertilizer (3-18-18), along with 3.4 ounces of Capture insecticide and 4 ounces of PGR Radiate in the furrow.

She also laid a micronutrient package two inches deep and two inches to both sides of the seed trench. "It's common sense," she says. "If one side of the plant benefits from having those nutrients available, the other side will benefit too."

Kalb sees several benefits to taking part in the contest. "It gives you the chance to try new things on limited acres," she says. "If they work out, you can put them to work on all of your production ground. You also have a chance to talk to other growers and learn what is and isn't working for them. One of the big things we've learned over the years is that nitrogen isn't the limiting factor in producing a high yield. That has us focusing more on micronutrients and the best times to get them out on the crop."

### Eliminate Obstacles To Higher Yields

**Challenge:** Help plants cool at night

**Solution:** Scale back on plant populations

### Second Place

#### ROBERT LITTLE

Hebron, IN

338.6089 bu./acre  
Pioneer P1366AM  
Population: 38,000  
Harvester: Case IH 6140

#### SUPERVISORS

**Brian Overstreet:** Agent, Purdue University Extension

**Guy Carlson:** Ag Loan Officer, DeMotte State Bank

**David Gottlieb:** County Executive Director, FSA

Robert Little wasn't quite sure what to expect as he prepared to harvest his contest entry field last fall. "The corn had looked pretty good all summer long," he recalls. "I was thinking maybe we'd hit 280 (bu./acre). What I wasn't expecting was to end up with the best crop we've ever had."

His doubts about yield prospects stemmed from the extremely dry weather that characterized most of the growing season. Normal rainfall for the season in his area is around 20 inches. But from mid-May through the end of September, precipitation totaled just over nine inches. "We did get some little rains in June and July to keep things going," he says. "What really made the crop was a lot of cool nights and a lot of bright sunshine all the way through. Toward the end of the season, we noticed the ends of the ears weren't aborting like they usually do, and the kernel size was very good."

From planting through harvest, Little walked his contest field three to five times a week looking for potential disease problems, insects and anything else that might need attention. "The idea is to look for signs that you might have a small problem and then correct it before it becomes a big problem. For me, scouting isn't really work. I just love looking at corn."

### Third Place

#### FAITH LITTLE

Hebron, IN

322.7161 bu./acre  
Pioneer P1197AM  
Population: 38,000  
Harvester: Case IH 6140

#### SUPERVISORS

**Guy Carlson:** Ag Loan Officer, DeMotte State Bank

**Gary Corning:** Crop Adjuster, RCIS

Faith Little had to wait to get her contest entry into the ground. In the end, her patience was rewarded with a yield topping 322 bu./acre, good enough for a third-place award in this class.

Ordinarily, she tries to fit all of her corn planting into an April 25-May 5 window. This year, wet and cool weather meant she couldn't get into her contest field with the planter until May 17. "It was pretty frustrating," she says. "Our farm has had other contest winners over the years, but none of those were ever planted this late."

To give her entry an early boost, Little laid five gallons per acre of a pop-up fertilizer (3-18-18 with one quart of zinc) into the furrow through the planter. She also placed 30 gallons per acre of 8-18-6-6S six inches deep and four inches to each side of the seed trench. "Getting the crop off to a nice, even start is so important," she says. "A lot of different things can come up during the course of the season to throw you off course. But you can often make an adjustment and come out okay. If you have a bad start, though, your chances of getting a high yield go way down."

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/Harvester
<b>AA NO-TILL/STRIP-TILL NON-IRRIGATED</b>										
<b>IOWA</b>										
<b>John Schnebke</b> Williamsburg, IA	320.5450	Pioneer P1197AM™™	AM,LL,RR2	–	32500	–	–	–	0/0/0	Kinze 3600 New Holland CR9060
<b>Tom Vittetoe</b> Washington, IA	309.1992	Pioneer P1366AM™™*	AM,LL,RR2	PPST 250	37000	–	–	–	260/60/80	John Deere 1770 NT CCS Case IH 7140
<b>Lynn Martens</b> Portsmouth, IA	303.1081	Pioneer P1555CHR	RW,HX1,LL,RR2	Poncho 1250	32000	–	Breakfree	–	220/200/200	Kinze 3600 John Deere 9570 STS
<b>ILLINOIS</b>										
<b>Grant Strom</b> Brimfield, IL	319.2913	Pioneer P1311AM™™	AM,LL,RR2	Poncho 1250+ VOTIVO	34000	–	–	–	185/80/120	Case IH 1260 Case IH 7230
<b>Brad Smith</b> Milledgeville, IL	308.4609	DEKALB DKC64–34RIB	GENSSRIB	–	34500	–	–	–	215/50/90	John Deere 1770NT John Deere S680
<b>Matthew Swanson</b> La Harpe, IL	305.3083	LG Seeds LG5650 VT2PRORIB	VT2PRIB	Poncho 500	47000	–	–	–	220/40/60	John Deere 1720 Case IH 2388
<b>INDIANA</b>										
<b>Shawn Kalb</b> Dubois, IN	354.1344	DEKALB DKC68–26RIB	GENVT2PRIB	Accelaron+ Poncho 250	38000	–	Degree Xtra, Status Roundup PowerMax	–	200/0/0	Case IH 1250 Front–Fold Case IH 8230
<b>Robert Little</b> Hebron, IN	338.6089	Pioneer P1366AM™™*	AM,LL,RR2	PPST 250 + DuPont Lumivia	38000	Defcon 2.1G –	Abundit Extra Cinch ATZ, Status	Approch Prima Headline AMP	264/54/18	John Deere 7200 Case IH 6140
<b>Faith Little</b> Hebron, IN	322.7161	Pioneer P1197AM™™	AM,LL,RR2	PPST 250	38000	Defcon 2.1G –	Abundit Extra Cinch ATZ, Status	Approch Prima Headline AMP	264/54/18	John Deere 7200 Case IH 6140
<b>MINNESOTA</b>										
<b>Jason Petersen</b> Alden, MN	285.4962	DEKALB DKC58–06RIB	GENSSRIB	–	39000	–	SureStart	–	195/140/225	Case IH 1230 Stackbar Early Riser Case IH 6130
<b>Gary LeVan</b> Elgin, MN	283.2408	DEKALB DKC54–40RIB	GENVT2PRIB	Accelaron+ Poncho 250	35800	–	Roundup PowerMax Status, TripleFLEX	–	200/45/12	Kinze 3600 John Deere S660
<b>Jason Levan</b> Elgin, MN	278.0365	DEKALB DKC52–68RIB	GENVT2PRIB	Accelaron+ Poncho 250	36500	–	Roundup PowerMax Status, TripleFLEX	–	200/45/12	Kinze 3600 John Deere S660
<b>MISSOURI</b>										
<b>Jerry Cox</b> Delta, MO	318.7128	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	–	32000	–	–	–	280/20/20	John Deere 1720 MaxEmerge XP John Deere 9670 STS
<b>Matthew Cox</b> Scott City, MO	317.8036	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	–	31000	–	–	–	275/20/20	John Deere 1720 MaxEmerge XP John Deere 9670 STS
<b>James Ball</b> Fairfax, MO	294.8452	DEKALB DKC64–35RIB	GENVT2PRIB	Accelaron	40000	–	–	–	250/80/80	Kinze 2200 John Deere 9670 STS
<b>OHIO</b>										
<b>Chris Waymire</b> Yellow Springs, OH	295.1273	DEKALB DKC63–60RIB	GENSSRIB	Accelaron+ Poncho 250	40000	Capture LFR	2,4–D LV6, Corvus Durango DMA	Stratego YLD	280/150/200	White 9500 CFS Flex Case IH 7240
<b>Derek Miller</b> Pleasantville, OH	288.5323	Pioneer P1197AM™™	AM,LL,RR2	PPST 250	33000	–	Atrazine 4L, Balance Flexx Roundup PowerMax, Status	–	210/100/0	Case IH 1255 Front–Fold Early Riser Case IH 8240
<b>Andrew Waymire</b> Yellow Springs, OH	286.6899	DEKALB DKC63–60RIB	GENSSRIB	Dynasty+ Poncho 1250	38000	Capture LFR –	2,4–D LV6 Corvus	Stratego YLD –	260/150/200	White 9500 CFS Flex Case IH 7240
<b>WISCONSIN</b>										
<b>Eugene Steiger</b> Bloomington, WI	314.1979	DEKALB DKC63–60RIB	GENSSRIB	Accelaron B–300	40000	–	Harness	–	291/108/160	John Deere 1760 MaxEmerge Plus Vacuum John Deere 9660 STS
<b>Matt Mezera</b> Bagley, WI	302.2029	DEKALB DKC63–35RIB	GENVT2PRIB	–	47500	–	Breakfree ATZ Lite Realm Q Roundup	–	60/80/80	John Deere 1780 MaxEmerge Plus Drawn Narrow–Row John Deere 9770
<b>Mike &amp; Judy Berget</b> Darlington, WI	300.8077	DEKALB DKC64–34RIB	GENSSRIB	Accelaron	36000	–	–	–	200/50/60	John Deere DB120 Claas Lexion 760

## First Place



**DAVID HULA**  
Charles City, VA

542.2740 bu./acre  
**Pioneer P1197AM**  
Population: 51,900  
Harvester: John Deere S670

### SUPERVISORS

**John Allison:** County Agent, Virginia State University Extension

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

**Ashlee Washburn Dalton:** County Agent, Virginia State University Extension

David Hula's knack for pushing corn yields ever-higher continues to amaze. In 2013, he stunned observers by setting a world record with a yield of 454 bu./acre in this class. Two years later, he upped the yield to 532 bu./acre and established a new all-time high. This year, he's back with yet another record-best performance, 542 bu./acre.

"It's a passion," Hula says of growing corn and participating in the yield contest. "God has blessed us with the tools. It's up to us to use them."

This year, Hula planted **Pioneer P1197AM**, the same hybrid that propelled him to his 2015 world record. "The plant characteristics and genetics work in harmony with our management," he says.

Plentiful solar radiation (sunlight) throughout the season was another key ingredient in the performance of this year's entry. "That's been the case in all of the years where we've had records," he says. "Wouldn't it be nice if we could put sunlight in a bottle?"

Prior to planting, seed was treated with Invigor 8 and zinc, along with Poncho 1250/VOTIVO (for protection from early season pests). "Seed is the basic building block for what we're trying to accomplish," he says. "We do whatever we can to protect it."

At planting, Hula placed a starter fertilizer that included a 2:1 nitrogen to phosphorus ratio, along with sulfur, boron and zinc, three inches to the side and two inches below the seed. He also added a home brew that he calls "Relay" in

the furrow. It consists of fertilizer and acids, and energy and plant growth stimulants. "Feeding the living organisms in the soil by having a nutritionally balanced fertilizer readily available when the plant needs it is a major challenge," he adds.

Throughout the season, Hula utilized over-the-top applications, sidedressing with Y-drops and fertigating to make multiple applications of micronutrients, biologicals, nitrogen, potash, sulfur and boron. At silking, and then again three weeks later, he flew on Genesis Ag's Cryptomyte with a helicopter. "It picks up plant health and maximizes grain fill," he says.

Being in the contest has given Hula the chance to network with other top-notch corn growers from all over the country. "You learn about the challenges they have and how they meet those challenges," he says. "And it's very personally satisfying when you hear from other growers that the information and experiences you shared may have helped them meet their yield goals."

## Eliminate Obstacles To Higher Yields

**Challenge:** Keep plants and soil active throughout the season

**Solution:** Fine-tune application amounts and timing of nutrients and biologicals to best serve plant/soil needs

## Second Place

**CRAIG HULA**  
Charles City, VA

529.1376 bu./acre  
DeKalb DKC67-44R1B  
Population: 50,700  
Harvester: John Deere S670

### SUPERVISORS

**John Allison:** County Agent, Virginia State University Extension

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

**Ashlee Washburn Dalton:** County Agent, Virginia State University Extension

It's a return trip to the national contest winner's circle for Craig Hula (David's son). His yield of 486 bu./acre in 2015 earned a second-place award in this class.

Hula wasn't quite sure what to expect from the weather at the start of the growing season. "Conditions were looking pretty good when we started planting during the first half of April," he says. "But then things cooled down over the next couple of weeks. We didn't get this field (contest entry) until the last day of April."

From then on, though, nature smiled on his entry. "We had a good, warm early season, what you'd call perfect for irrigated corn," Hula relates. "Throughout the season, we were dry and had plenty of sunshine. We did get some hot weather in some areas for about a week during grain fill, but the temperatures stayed on the moderate side where the (contest) plot was."

To help stave off any potential negative effects of the hot spell, Hula ran one gallon per acre of molasses onto the crop through his center-pivot irrigation system. "It's a good energy source," he says. "It helps the plant and the soil stay active. Anything you can do to reduce stress on the plant is worthwhile from a yield standpoint."

## Third Place

**JOHNNY HULA**  
Charles City, VA

504.6890 bu./acre  
Progeny PGY5115VT2P  
Population: 50,800  
Harvester: John Deere S670

### SUPERVISORS

**John Allison:** County Agent, Virginia State University Extension

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

**Ashlee Washburn Dalton:** County Agent, Virginia State University Extension

Johnny Hula's third-place finish with a yield of nearly 505 bu./acre gives the Hula family a clean-sweep in this class. "We were fortunate," says Johnny (David's brother). "We had a good year all the way around."

Before the season started, Hula spent hours getting the family's 16-row, John Deere 1770NT planter in top working order. Along with carrying out annual chores like replacing no-till coulters, disk openers and seed firmers, he also added several new Precision Planting components including a V-drive, speed-tubes and a furrow jet. Two years ago, Precision Planting's Delta Force feature was added.

"We're taking good equipment and trying to make it better," says Hula. "The whole idea is to gain more control over seed placement and planting depth. If you get those things right, you'll get the kind of even emergence that sets things up for the rest of the growing season. The equipment and technology that's available for planting today is outright incredible."

He planted Progeny PGY5115VT2P in 30-inch rows at a population of 50,800 seeds/acre. "We've been watching it in different test plots," Hula says. "We've been impressed with the test weights. It also stands well. That becomes more and more important as we push planting populations higher."

*What do you  
call the next  
closest  
competitor to  
Headline AMP<sup>®</sup>  
fungicide? Not even  
close.*

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When it comes to fungicides in corn, there's the clear market leader — Headline AMP fungicide. And then there's everybody else. This solution from BASF stands head and shoulders above the rest because, time after time, it's proven to be the #1 way to get consistent return, helping to deliver more yield than any other fungicide applied at tassel. From proven Plant Health benefits to best-in-class disease control, Headline AMP fungicide delivers the goods. [GrowSmartCorn.com](http://GrowSmartCorn.com)

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

ALABAMA										
<b>Stuart Sanderson</b> Madison, AL	281.8214	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 1250	35626	Lambda-Cy	AAtrex+Roundup	Headline AMP	330/0/22	John Deere 1795 John Deere S690
<b>Jeff Tate</b> Meridianville, AL	280.4366	DEKALB DKC62-08	GENSS	-	40000	-	-	-	0/0/0	John Deere DB60 John Deere S680
<b>Stewart McGill</b> Meridianville, AL	273.6039	AgriGold A6659 RR	RR	-	40000	-	-	-	0/0/0	John Deere DB60 John Deere S680
ARKANSAS										
<b>Dale Ashcraft</b> Quin, MO	289.7683	DEKALB DKC70-27VT2PRO	VT2PRO	Acceleron+ Poncho 250	39800	-	Atrazine 4L Halex GT	Avaris	345/138/150	Kinze 3140 John Deere 9870 STS
<b>Drew Woolverton</b> Pollard, AR	287.9189	Pioneer P2089YHR	YGCB,HX1, LL,RR2	PPST 250	34000	-	Atrazine Dual Roundup PowerMax	-	270/80/80	John Deere 1720 MaxEmerge XP John Deere S670
<b>Steven Haywood</b> Success, AR	257.0653	DEKALB DKC68-26	GENVT2P	Acceleron	34000	-	Acuron, Atrazine 4L Makaze	Trivapro	400/90/130	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
COLORADO										
<b>Tom Rusler</b> Avondale, CO	323.5057	DEKALB DKC63-07RIB	GENVT3PRIB	Acceleron+ Poncho 250	32000	-	-	-	226/50/0	Case IH 1235 Stackbar Early Riser Case IH 7230
<b>Jim Lenz</b> Holyoke, CO	322.8223	Pioneer P0801AM™	AM,LL,RR2	-	32000	-	-	-	0/0/0	John Deere 1770NT John Deere S680
<b>Alan Welp</b> Wray, CO	301.3129	DEKALB DKC62-27RIB	GENDGVT2PRIB	-	32000	-	-	-	260/45/25	John Deere 1700 MaxEmerge Vacuum John Deere S670
DELAWARE										
<b>Dawn Collins</b> Laurel, DE	298.9734	Pioneer P1870AM™*	AM,LL,RR2	Genesis Ag Invigorate	35000	Warrior	Lexar Roundup	-	315/35/200	Kinze 3650 Case IH Axial-Flow 7120
<b>Gary Ockels</b> Milton, DE	274.9391	DEKALB DKC62-20RIB	GENVT2PRIB	Acceleron+ Poncho 250	39000	Sniper	Acuron, Princep Generic Roundup, Salvo	-	250/15/120	Case IH 1255 Front-Fold Early Riser Case IH 7120
<b>C Wyatt</b> Harrington, DE	274.1519	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	36000	Capture Warrior II	Lexar+Roundup Roundup	Headline AMP	275/20/45	Kinze 3660 John Deere 9770 STS
FLORIDA										
<b>Gordon Dietrich</b> Graceville, FL	262.5655	DEKALB DKC62-08	GENSS	-	35000	Bifenthrin 2EC Counter 20 G	AAtrex+Roundup	Headline AMP	300/100/300	John Deere 1700 MaxEmerge Vacuum Case IH 1680
<b>Gary Cone</b> Jennings, FL	243.4355	DEKALB DKC62-08	GENSS	Acceleron+ Poncho 250	31682	-	Atrazine 4L Dual II Magnum Glyphosate	Headline AMP	300/120/300	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9870 STS
<b>Kevin Murphy</b> Jasper, FL	239.0661	Pioneer P1870YHR*	YGCB,HX1, LL,RR2	Amplify D+ Poncho 250	34560	Mustang MAX	Atrazine 4L Dual Magnum	Headline AMP Headline SC	300/90/300	John Deere 1700 MaxEmergePlus John Deere 9870
GEORGIA										
<b>Kevin Dowdy</b> Valdosta, GA	414.8308	AgriGold A6499 STX	STX	Cruiser 500	40000	-	Atrazine+Roundup	Headline AMP	400/100/400	Harvest International Other John Deere S690
<b>James Hitchcock</b> Tennille, GA	310.4887	DEKALB DKC62-08	GENSS	Acceleron+ Poncho 250	37810	Bifenthrin 2EC	Atrazine 90 DF Roundup PowerMax	Headline AMP	325/175/250	John Deere 1725 Integral Stack-Fold John Deere 9670 STS
<b>Mike Newberry</b> Arlington, GA	249.9678	Dyna-Gro D58VC65	VT2P	-	37600	-	-	-	310/200/250	Monosem NG Plus John Deere 9670 STS
IOWA										
<b>Kelly Garrett</b> Arion, IA	312.4627	Pioneer P1366AM™*	AM,LL,RR2	-	34000	-	-	-	300/300/300	John Deere 1770 John Deere S680

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

<b>Gene Garrett</b> Arion, IA	288.5972	Dyna-Gro D52SS91RIB	SS-RIB	Poncho 500	39000	-	2,4-D Hallex	Approach	0/0/0	John Deere 1770NT John Deere S680
<b>Colin Garrett</b> Arion, IA	282.1021	LG Seeds LG5618 VT2PRORIB	VT2PRIB	Poncho 250	39000	-	2,4-D Hallex	Approach	0/0/0	John Deere 1770NT John Deere S680
<b>IDAHO</b>										
<b>Kent Frisch</b> Grand View, ID	271.9697	Pioneer P0805AM™	AM,LL,RR2	Poncho 1250	39000	Aztec 4.67G	Roundup PowerMax Status	-	300/150/0	John Deere 1720 MaxEmerge XP John Deere S670
<b>David Hults</b> Gooding, ID	266.5163	DEKALB DKC52-61RIB	GENVT2PRIB	Acceleron	37000	-	Clarity Roundup PowerMax	-	230/40/40	John Deere 1720 CCS Stack-Fold John Deere S670
<b>Joe Hults</b> Wendell, ID	265.7625	Pioneer P1151AM™	AM,LL,RR2	-	37000	-	Clarity Roundup PowerMax	-	230/40/40	John Deere 1720 CCS Stack-Fold John Deere S670
<b>ILLINOIS</b>										
<b>Dan Luepkes</b> Chana, IL	327.4659	AgriGold A6499 STXRIB	STXRIB	Poncho 500	36000	-	Resicore	-	290/145/160	John Deere 1770 NT CCS John Deere 9770 STS
<b>David Luepkes</b> Oregon, IL	319.7514	AgriGold A6499 STXRIB	STXRIB	Poncho 500	35500	-	Resicore	-	290/145/160	John Deere 1770 NT CCS John Deere 9770 STS
<b>Paul Young</b> Erie, IL	302.2307	Pioneer P1197*	CONV	-	35000	-	Atrazine, Prequel Realm Q	-	280/100/140	John Deere 1770NT John Deere 9870
<b>INDIANA</b>										
<b>Jim Daily</b> Hope, IN	314.6272	Pioneer P2089AM™	AM,LL,RR2	Poncho 1250	32000	-	Glyphos Xtra Lexar	-	300/0/0	John Deere 1760 Conservation John Deere 9870 STS
<b>Jeff Herrold</b> Wanatah, IN	298.3055	Wyckoff's 2665	GENVT2PRIB Droughtguard	-	37000	-	-	-	250/75/82	John Deere 1770 Case IH Axial-Flow 7120
<b>Todd Armstrong</b> Fredericksburg, IN	290.9831	AgriGold A6499	CONV	Poncho 500	35000	Hero Province	Accent, Capreno Bicep II Magnum	Trivapro	214/18/0	John Deere 7200 Case IH 2388
<b>KANSAS</b>										
<b>Nathan Franklin</b> Atwood, KS	325.4639	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	36500	-	Lumax EZ	Quilt Xcel	350/80/70	John Deere 1770 NT CCS John Deere S670
<b>James Mueller</b> Hiawatha, KS	291.3170	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ Raxil	36000	-	-	-	0/0/0	John Deere 1790 CCS Case IH 8230
<b>Rusty Sherwood</b> Sublette, KS	289.7306	Pioneer P1197AM™	AMT,LL,RR2	-	32900	-	-	-	300/50/0	John Deere 1720 CCS John Deere S670
<b>KENTUCKY</b>										
<b>Patty Griffith</b> Mayfield, KY	319.9492	DEKALB DKC62-08RIB	GENSSRIB	Amplify D+ Poncho 250	30000	Sniper	2,4-D LV, Atrazine DF Roundup, Warrant	-	200/200/200	John Deere 1795 Claas Lexion 740
<b>Paul Howlett</b> Glendale, KY	294.3206	AgriGold A6659 VT2PRO	VT2PRO	Poncho 250	40000	-	2,4-D, Acuron Glyphosate, Hallex	-	185/72/26	Kinze 2000 John Deere 6620
<b>Gale Pruett</b> Mayfield, KY	287.8375	Origen Seed 14R34	Agrisure Viptera 3110	Amplify D+ Poncho 250	30000	-	Atrazine+Bicep	-	200/200/200	Kinze 3600 Claas Lexion 740
<b>LOUISIANA</b>										
<b>Ben Merrick</b> Lettsworth, LA	281.6145	DEKALB DKC68-26	GENVT2P	Atrazine/Dual	35000	-	-	-	250/30/65	John Deere 1720 MaxEmerge XP Case IH 8240
<b>Stanley Johnson</b> Monroe, LA	255.6910	Pioneer P1319YHR	YGCB,HX1, LL,RR2	-	32000	-	-	-	200/30/30	Case IH 1200 Case IH 8240
<b>Lowell Stonecipher</b> Newellton, LA	254.8476	DEKALB DKC68-26	GENVT2P	Acceleron, Gaucho, Maxim, Apron, Teprosyn Zinc/P	34000	-	Atrazine+Dual	Headline AMP	321/10/90	John Deere 1790 Case IH 7230

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

### MASSACHUSETTS

<b>Sarah Henry</b> Southampton, MA	282.4967	Channel 208-23VT2PRIB	VT2P	Acceleron	37500	-	Callisto Roundup	-	250/40/150	Kinze 2500 Case IH 7230
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### MARYLAND

<b>Michael Bostic</b> Church Hill, MD	289.1469	Pioneer P1870AM™*	AM,LL,RR2	Poncho 1250+ VOTIVO	32800	Capture LFR -	Gly Star, Lexar Princep Cal-90	Headline Stratego	245/45/140	John Deere 1790 CCS John Deere S670
<b>John Saathoff</b> Ridgely, MD	279.6711	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	32000	-	-	-	270/0/200	John Deere 1770 NT CCS John Deere S670
<b>William Layton</b> Vienna, MD	279.6401	DEKALB DKC65-20	GENDVT2P	Acceleron	32000	-	Gramoxone Inteon Lexar, Princep 4L	-	110/30/0	John Deere 1790 CCS John Deere 9650 STS

### MICHIGAN

<b>Kyle Huff</b> Coldwater, MI	295.1954	Pioneer P0825AM™	AM,LL,RR2	-	33000	-	-	-	200/12/0	Kinze 3600 Gleaner R62
<b>Marshall Landis</b> Schoolcraft, MI	288.5991	DEKALB DKC62-20RIB	GENVT2PRIB	-	36000	-	Acuron	-	300/140/200	John Deere 1770NT CCS ProXP John Deere S690
<b>Ronnie Landis</b> Schoolcraft, MI	287.8056	DEKALB DKC58-06RIB	GENSSRIB	-	36000	-	Acuron	-	285/135/165	John Deere 1770NT CCS ProXP John Deere S690

### MINNESOTA

<b>Jenna Sobeck</b> Winona, MN	279.3737	DEKALB DKC62-20RIB	GENVT2PRIB	Poncho 250	37000	-	Acuron, Class Act Interlock, Roundup PowerMax	-	140/48/120	Kinze 3600 Case IH Axial-Flow 5088
<b>Charles Louis</b> Farmington, MN	276.5982	Pioneer P1151AM™	AM,LL,RR2	PPST 250	33000	-	Atrazine, Dual Roundup PowerMax	-	195/10/100	Kinze 2600 Case IH 8230
<b>Ryan Thelemann</b> Le Sueur, MN	270.1997	DEKALB DKC58-06RIB	GENSSRIB	Acceleron	33500	-	Durango SureStart	-	180/39/54	John Deere 7000 Gleaner S77

### MISSOURI

<b>JR Bollinger</b> Sikeston, MO	320.6602	Pioneer P1870YHR*	YGCB,HX1, LL,RR2	Poncho 1250+ VOTIVO	38000	-	Acuron Atrazine 4L	-	335/170/174	John Deere 1790 CCS John Deere 9870
<b>Glenda Hinkebein</b> Chaffee, MO	281.3346	Seed Consultants SCS 1136YHR-RR2	RR2	Poncho	33000	Capture LFR	AAtrax Capreno	-	290/90/60	John Deere 1720 MaxEmerge XP Case IH 9230
<b>Phillip Cooper</b> Fairfax, MO	275.3133	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	34000	-	-	-	200/80/80	John Deere 1790 John Deere S690

### MISSISSIPPI

<b>Jason Hunter</b> Glen Allan, MS	261.1559	Pioneer P2160YHR	YGCB,HX1, LL,RR2	-	36000	-	-	-	280/150/250	John Deere 1700 MaxEmerge Vacuum John Deere S690
<b>Tyler Huerkamp</b> Macon, MS	216.3446	Pioneer P1197R	RR2	-	34000	-	-	-	250/100/100	John Deere 1720 MaxEmerge XP Cat Lexion 575R
<b>Brandon Huerkamp</b> Macon, MS	207.3878	Pioneer P2088R	RR2	Cruiser 250	32000	-	Generic Roundup	-	250/100/100	John Deere 1720 MaxEmerge XP Cat Lexion 575R

### MONTANA

<b>Eric Lowell</b> Park City, MT	248.0372	Pioneer P9305AM™	AM,LL,RR2	Poncho 250	39500	-	-	-	225/40/60	John Deere 7300 MaxEmerge 2 Case IH 2188
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### NORTH CAROLINA

<b>Lucas Richard</b> Newton, NC	280.1951	DEKALB DKC67-44	GENVT2P	Poncho 1250	34000	-	Bicep II Magnum Halex GT	-	275/120/150	John Deere 1770 NT CCS Claas Lexion 760
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Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
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## NO-TILL/STRIP-TILL IRRIGATED - CONTINUED

<b>Henry Locklear, Jr.</b> Maxton, NC	277.1152	Progeny PGY5115VT2P	VT2P	–	40000	Bifenthrin	Armezon Atrazine+Roundup	Trivapro	340/30/160	John Deere 1725 Integral Stack–Fold John Deere S670
<b>Henry Locklear</b> Maxton, NC	272.1723	DEKALB DKC67–44	GENVT2P	–	35000	Bifenthrin	2,4–D+Round up Hallex GT	Priaxor	290/30/160	John Deere 1725 Integral Stack–Fold John Deere S670

### NORTH DAKOTA

<b>James Frauenberg</b> LaMoure, ND	284.4113	DEKALB DKC45–66RIB	GENVT2PRIB	Jump Start+ Poncho 250, Acceleron, Ascend, Capture	43500	Kendo	Harness Roundup PowerMax	–	170/130/110	John Deere DB66 Case IH 9120
<b>Justin Quandt</b> Oakes, ND	271.2749	Pioneer P0157AM™	AM,LL,RR2	–	36000	–	Atrazine 4L, Laudis Roundup PowerMax	Headline AMP Priaxor	200/25/15	White 9824 Case IH 9230

### NEBRASKA

<b>Rocky Peterson</b> Bertrand, NE	329.1369	Pioneer P0801AM™	AM,LL,RR2	Cruiser Extreme 250+ Poncho 250	33500	–	Glyphosate	–	250/15/0	John Deere 1720 MaxEmerge XP John Deere S680
<b>Heath Schake</b> Kearney, NE	326.7751	Pioneer P1197AM™	AM,LL,RR2	Amplify+ Poncho 250	35999	Capture LFR	2,4–D Amine FullTime, Status Roundup PowerMax	Headline AMP	300/50/0	John Deere 1720 CCS Stack–Fold John Deere S670
<b>Blake &amp; Brian Johnson</b> Holdrege, NE	325.9964	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	35000	–	Resicore	–	250/0/0	John Deere DB60 Claas Lexion 760

### NEW HAMPSHIRE

<b>Dan Llewelyn</b> Northfield, MA	240.3017	Channel 207–27STXRIB	SS	Acceleron+ Poncho 250	37000	–	Lumax EZ	–	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
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### NEW JERSEY

<b>Jeffrey Barlieb</b> Stewartsville, NJ	297.0281	DEKALB DKC62–20RIB	GENVT2PRIB	Acceleron	42000	–	Acuron	–	300/100/100	John Deere 1790 CCS John Deere S660
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### NEW MEXICO

<b>JR Mason</b> Dalhart, TX	288.1192	Pioneer P1751AM™	AMT,LL,RR2	Raxil	32000	–	AAtrex, Laudis Balance Flexx Roundup PowerMax	Stratego YLD	300/65/30	John Deere 1770 NT CCS Case IH 2588
<b>Sara Cunningham</b> Wolfforth, TX	283.6122	DEKALB DKC64–34RIB	GENSSRIB	Acceleron+ Poncho 250	32000	–	AAtrex, Laudis Balance Flexx, Moxy 2E Roundup PowerMax	Stratego YLD	300/65/25	John Deere 1770 NT CCS Case IH 2588
<b>Larry Mason</b> Dalhart, TX	275.0058	DEKALB DKC64–34RIB	GENSSRIB	Acceleron+ Poncho 250	33000	Onager	AAtrex, Balance Flexx Charger Max, Laudis Roundup PowerMax	Stratego YLD	350/80/30	John Deere 1770 NT CCS Case IH 2588

### NEW YORK

<b>Matthew Strong</b> Barton, NY	251.9233	FS InVISION FS 58QX1 RIB	SmartStax® RIB Complete®	Poncho 250	38000	–	2,4–D, Basis Blend Durango, Resolve Q	Fortix	150/0/120	Kinze 4900 Case IH Axial–Flow 6088
<b>Craig Strong</b> Barton, NY	246.4961	Pioneer P0157AM™	AMX,LL,RR2	Acremax Xtra	38000	–	2,4–D, Basis Blend Durango, Resolve Q	Fortix	150/0/120	Kinze 4900 Case IH Axial–Flow 6088

### OHIO

<b>Jim Motycka</b> Napoleon, OH	314.9437	Pioneer P0825AM™	AM,LL,RR2	Pioneer Premium	36430	–	Corvus	–	253/54/120	Case IH 1255 Front–Fold Early Riser Case IH 5140
<b>Matthew Funderburgh</b> North Lewisburg, OH	274.5451	Pioneer P1197AM™	AM,LL,RR2	PPST 250	34000	Bifenthrin	Atrazine 90 DF, Resicore Durango DMA, Volley ATZ	–	180/39/45	John Deere 1790 CCS John Deere 9660 STS

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

**OKLAHOMA**

<b>Austin Sage</b> Texline, TX	326.7036	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	33000	-	-	-	310/55/50	John Deere 1770 NT CCS John Deere 9660 STS
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**OREGON**

<b>Vern Frederickson</b> Boardman, OR	315.7699	DEKALB DKC62-05	RR2	Acceleron+Poncho 250	38500	-	Acceleron IC-609, Atrazine Roundup PowerMax	-	329/91/130	John Deere 7340 John Deere 9770 STS
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<b>Nolan Mills</b> Boardman, OR	308.7628	Pioneer P0805AM™	AM,LL,RR2	Cruiser MAX	40500	-	-	-	477/867/0	John Deere 7200 MaxEmerge 2 Vacuum John Deere S680
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<b>Emily Rea</b> Boardman, OR	258.6239	Pioneer P0157	CONV	-	38000	-	-	-	106/57/282	John Deere 7200 MaxEmerge 2 Vacuum John Deere S680
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**PENNSYLVANIA**

<b>Clifford Charles</b> Lancaster, PA	284.2654	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	38000	Province	Acuron, Halex GT Gly Star Plus	Priaxor Trivapro	310/50/120	Kinze 3600V Case IH 8010
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<b>Karl Dirks</b> Elizabethtown, PA	283.4810	DEKALB DKC64-89RIB	GENVT2PRIB	-	39000	-	-	-	350/0/10	John Deere 1770 NT CCS John Deere S660
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<b>Dawson Mast</b> Morgantown, PA	266.3733	Pioneer P1197AM™	AM,LL,RR2	Poncho 250	33200	Capture LFR Province	Balance Flexx Brawi II ATZ Gramoxone SL 2.0	-	243/6/6	John Deere 1750 MaxEmerge Plus Vacuum John Deere 9750 STS
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**SOUTH CAROLINA**

<b>William Jameson</b> Elloree, SC	295.8385	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Amplify L+ Poncho 250	36000	Counter 20 G	Atrazine 90 DF	Stratego YLD	250/25/60	John Deere 1700 MaxEmerge XP Case IH 7140
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<b>Ray Jameson</b> Orangeburg, SC	295.2407	Pioneer P1303HR	HX1,LL,RR2	Amplify+ Poncho 250	36000	Counter 20 G	Atrazine 90 DF Impact Roundup PowerMax	Stratego YLD	250/30/60	John Deere 1700 MaxEmerge XP Case IH 7140
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<b>Daniel Garrick</b> Cope, SC	277.7906	Dyna-Gro D57VP51	VT3P	Amplify L+ Poncho 250	33500	Counter 20 G Ethos XB Perm-Up, Sniper	2,4-D+Roundup AAtrex+Roundup Impact	Stratego	300/200/200	John Deere 1700 MaxEmergePlus Case IH 7130
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**SOUTH DAKOTA**

<b>Tyler &amp; Jerry Poeschl</b> Yankton, SD	282.6467	Pioneer P1151AMX™	AMX,LL,RR2	Poncho 250+ Raxil	36000	-	-	-	300/60/50	John Deere 1775NT John Deere S680
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<b>Darren Mosel</b> Chamberlain, SD	264.9547	DEKALB DKC62-97RIB	GENVT3PRIB	-	32000	-	Harness Xtra 5.6L	-	200/45/6	John Deere 1720 MaxEmerge XP John Deere S670
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<b>Tom Arens</b> Yankton, SD	261.2575	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250+ Raxil	34000	-	-	-	200/60/40	Case IH 1240 Pivot-Transport Early Riser Case IH 7230
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**TENNESSEE**

<b>John Verell</b> Jackson, TN	289.3129	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250+ Dynasty	34000	-	AAtrex 4L Armezon, Clarity	Trivapro -	400/120/200	John Deere 1790 CCS John Deere S680
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<b>Lynn Womack</b> Shelbyville, TN	271.0187	AgriGold A6499 STX	STX	Amplify D+ Poncho	46000	-	-	-	250/90/150	Case IH 1250 Case IH 7230
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<b>Bobby Woodall</b> Decherd, TN	268.6894	AgriGold A6572 STXRIB	STXRIB	Acceleron+ Poncho 250	34000	Declare	AAtrex DF	Headline AMP	250/80/80	Kinze 3600 John Deere 9670 STS
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**TEXAS**

<b>Bill Graff</b> Dalhart, TX	306.4412	DEKALB DKC64-34RIB	GENSSRIB	Acceleron+ Poncho 250	32000	-	Atrazine, Laudis Roundup PowerMax Valor SX	Stratego YLD	300/65/0	John Deere 1770 NT CCS John Deere S670
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Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
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## NO-TILL/STRIP-TILL IRRIGATED - CONTINUED

### UTAH

<b>Lee Summers</b> Tremonton, UT	252.3731	DEKALB DKC62-08RIB	GENSSRIB	-	38000	-	-	-	250/60/0	John Deere 1700 MaxEmerge XP John Deere S680
<b>Joseph Summers</b> Tremonton, UT	248.7847	DEKALB DKC49-73RIB	GENVT2PRIB	-	37000	-	-	-	250/60/0	John Deere 1700 MaxEmerge XP John Deere S680
<b>Lynn Summers</b> Tremonton, UT	248.3386	DEKALB DKC58-06RIB	GENSSRIB	-	36500	-	-	-	250/70/0	John Deere 1700 MaxEmerge XP John Deere S680

### VIRGINIA

<b>David Hula</b> Charles City, VA	542.2740	Pioneer P1197AM™	AM,LL,RR2	Invigor8+ Poncho 1250+ Votivo	51900	Prevathon Tombstone	Bicep II Gramoxone Extra Halex GT, Metabuzin	Headline AMP Priaxor	525/200/550	John Deere 1770NT John Deere S670
<b>Craig Hula</b> Charles City, VA	529.1376	DEKALB DKC67-44RIB	GENVT2PRIB	Poncho 1250+ VOTIVO	50700	Prevathon Tombstone	Bicep II, Halex GT Metabuzin, Roundup	Headline AMP	525/200/550	John Deere 1770NT John Deere S670
<b>Johnny Hula</b> Charles City, VA	504.6890	Progeny PGY5115VT2P	VT2P	Invigor8+ Poncho 1250+ Votivo	50800	Prevathon Tombstone	Bicep II, Halex GT Gramoxone Extra Metabuzin	Headline AMP Priaxor	525/200/550	John Deere 1770NT John Deere S670

### WASHINGTON

<b>Shawn Clausen</b> Warden, WA	306.2272	DEKALB DKC54-38RIB	GENSSRIB	-	39000	-	Atrazine 4L, Clarity Roundup UltraMax	-	150/0/0	John Deere 1720 MaxEmerge XP John Deere S680
<b>Nelson Cox</b> Warden, WA	259.3411	Pioneer P0339AMT™	AMT,LL,RR2	-	38000	-	Clarity Roundup	-	300/80/80	John Deere 7300 MaxEmerge 2 John Deere S680

### WISCONSIN

<b>Rick Hargrave</b> Sarona, WI	289.7918	DEKALB DKC54-38RIB	GENSSRIB	-	37000	-	Staunch	-	275/96/150	Kinze 3600 John Deere S670
<b>Ken &amp; Gerard Kau</b> Eagle, WI	277.2443	DEKALB DKC58-06RIB	GENSSRIB	Acceleron	34000	-	Buccaneer 5 Status Verdict	Quadris Stratego YLD	210/23/216	John Deere 1770 NT CCS John Deere S660
<b>Tyler Troiola</b> Eagle, WI	274.8992	DEKALB DKC58-06RIB	GENSSRIB	Acceleron	34000	-	Buccaneer 5 Status Verdict	Quadris Stratego YLD	210/23/216	John Deere 1770 NT CCS John Deere S660

### WEST VIRGINIA

<b>Lori Stiles</b> Berryville, VA	231.6357	DEKALB DKC64-34RIB	GENSSRIB	Acceleron+ Poncho 250	31000	-	AAtrex, Instigate Princep 4L Roundup PowerMax	-	317/104/162	John Deere 1780 John Deere 9870 STS
<b>Chris Stiles</b> Berryville, VA	230.2408	DEKALB DKC64-87RIB	GENSSRIB	Acceleron+ Poncho 250	30000	-	AAtrex, Instigate Princep 4L Roundup PowerMax	-	317/104/162	John Deere 1780 John Deere 9870 STS
<b>Lynn Widmyer</b> Charles Town, WV	226.2837	Pioneer P1197AM™	AM,LL,RR2	Poncho 250, Lumlvia	31000	-	Lexar, Princep 4L Roundup PowerMax	-	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660

### WYOMING

<b>Joe Umble</b> Torrington, WY	262.1843	Channel 197-66VT2PRIB	VT2P	Clothianidin, Prothioconazole, Metalaxyl, Fluxapyr	34000	-	Roundup Original Roundup PowerMax Status, Sterling Blue	Headline AMP	185/60/5	John Deere 1760NT John Deere 9780 STS
<b>Robert Cook</b> Lingle, WY	233.9292	Pioneer P9697AM™	AM,LL,RR2	-	33000	-	Roundup PowerMax Verdict	-	220/50/20	Case IH 1235 Stackbar Early Riser Case IH 8010
<b>Chris Cook</b> Lingle, WY	219.0407	Pioneer P9929AM™	AM,LL,RR2	-	32000	-	Roundup PowerMax Verdict	-	210/50/20	Case IH 1235 Stackbar Early Riser Case IH 8010

## First Place



### DON STALL

Charlotte, MI

407.2162 bu./acre

Pioneer P0574AM

Population: 45,000

Harvester: Case IH AFX8010

#### SUPERVISORS

**Brian Margraf:** Ag Loan Officer,  
GreenStone FCS

**Kelly Aiken:** Ag Loan Officer,  
GreenStone FCS

Forget about magic bullets and secret formulas when you're chasing high corn yields, says Don Stall, who enters the national winner's circle for the first time. "It's not about doing just one thing," he says. "It's 100 different little things that you have to bring all together."

Getting the crop off to a good start is a key component of Stall's high-yield strategy. He's a stickler for getting his planter calibrated just right before the season starts. Once he's in the field, Stall focuses on proper planting depth and even seed spacing. "If you can get a nice, uniform stand on the front end of the season, you'll be way ahead of the game throughout," he says.

Utilizing a starter fertilizer was part of the strategy, too. On his contest field, he placed 26 gallons per acre of 10-34-0 with zinc two inches below and two inches to the side of the seed. "We're pretty far north," he says. "The starter helps to enhance maturity. It gives you better vigor."

Extremely wet spring weather posed a major challenge. "We weren't able to plant until May 12, which is almost two weeks behind schedule for us," he explains. "We were chomping at the bit, but we knew we had to be patient. If you jump the gun and plant into wet soils, you'll end up paying a penalty somewhere along the line."

For fertility, Stall emphasized timely nutrient applications. At V4, he side-dressed with 40

gallons of 28 percent nitrogen (118 pounds of actual N). For the remainder of the season, he took tissue samples every 10 days to determine how much fertilizer to run on the crop through drops he had installed on his RoGator high-clearance sprayer. He ended up making three applications—at V6, V9 and V12—of 20 gallons of 28 percent nitrogen (59 pounds of actual N per application). "It's a way to spread out risk," he says. "Rather than loading up the soil with nutrients on the front end, which can lead to leaching, we put the nutrients on in multiple passes to get them out there when plants can make the best use of them."

For disease prevention on his contest acres, Stall opted for an aerial application of **Headline AMP** at half-brown silk. "With irrigation, you're putting corn in an environment that's conducive to a variety of leaf diseases," he says. "Fungicides are an additional expense, but they do give you a way to offset some risk."

### Eliminate Obstacles To Higher Yields

**Challenge:** Extremely wet spring weather

**Solution:** Delay planting until soil conditions are just right

## Second Place

### RANDY DOWDY

Valdosta, GA

406.0646 bu./acre

AgriGold A6499 STX

Population: 40,000

Harvester: John Deere S680

#### SUPERVISORS

**William "Hal" Darsey:** District  
Conservationist, NRCS

**Forrest M. (Marshall)**

**Hill:** Soil Conservation  
Technician, NRCS

Randy Dowdy keeps his long string of contest placements going this year with a yield of 406 bu./acre and a second-place award.

For this entry, he planted AgriGold A6499STX at a population of 40,000 seeds/acre. "It's the same hybrid that produced 521 bu./acre (in the contest) for us last year," he notes. "It has very good stay green and grain quality. Those two things generally equate to higher yields."

The entry was planted in 15-inch rows. "This was the second year we've done it with corn," Dowdy explains. "We think it gives the plants a chance to utilize more of the fertility in the soil and also capture more sunlight."

To accommodate the move to narrow rows, he invested in a new Harvest International planter featuring hydraulic down-force, electric meters and speed tubes. "It's billed as a speed planter that lets you plant at 10 miles per hour," says Dowdy, who shares ideas for producing top-flight yields on his growbigcorn.com website. "But that's not why we bought it. Our concern is getting seeds into the ground at the right depth and the right spacing to ensure even emergence and a uniform stand. Our goal is to have all plants emerging simultaneously. If you don't do that, you've left yield on the table."

## Third Place

### BRIDGET DOWDY

Valdosta, GA

389.0021 bu./acre

AgriGold A6499 STX

Population: 38,000

Harvester: John Deere S680

#### SUPERVISORS

**William "Hal" Darsey:** District  
Conservationist, NRCS

**Forrest M. (Marshall)**

**Hill:** Soil Conservation  
Technician, NRCS

Bridget Dowdy makes a return trip to the winner's circle with a third-place yield topping 389 bu./acre. In 2015, she captured second-place honors in this class.

Growing season weather for Dowdy's entry was a mixed bag. "It was fine when we planted (March 21). And things stayed pretty good all the way through pollination. The temperatures were mild, even toward the cool side which is good for us."

But in June and July, the weather took a turn. "We had 40-plus days where it was either cloudy, overcast or raining," she says. "There's an old saying that rain makes grain. I disagree. It's rain with sunshine that makes grain and we didn't have the sunshine. It took the top end out of our yields."

Scouting continued to be an important part of Dowdy's game plan. She walked her contest field at least once a week throughout the season looking for signs of disease pressure, insects, nutrient deficiencies, etc. "You have to be a student of the corn," she says. "You can't just drive by in your pickup every so often and assume things are as they should be. You have to get out and take a really close look at what's going on. You can't just hope, you have to know."



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- ★ Attend a town hall meeting and talk with local, state and national leaders

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>IRRIGATED</b>										
<b>ALABAMA</b>										
<b>Chad Henderson</b> Madison, AL	318.6530	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 1250	38000	Lambda-Cy	AAtrex+Roundup	Headline AMP	330/0/22	John Deere 1795 John Deere S690
<b>Jackson Henderson</b> Madison, AL	316.8414	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Amplify D+ Poncho 1250	38000	Lambda-Cy	AAtrex+Roundup	Headline AMP	330/0/22	John Deere 1795 John Deere S690
<b>Mike Henderson</b> Madison, AL	303.9475	AgriGold A6499 STX	STX	Amplify D+ Poncho 1250	38000	Lambda-Cy	AAtrex+Roundup	Headline AMP	330/0/22	John Deere 1795 John Deere S690
<b>ARKANSAS</b>										
<b>Billy Tripp</b> Searcy, AR	348.4664	DEKALB DKC67-72	GENVT2P	–	48000	–	Halex GT	Headline Trivapro	400/0/120	Monosem NG Plus 4 John Deere 9870
<b>Scott Young</b> Portland, AR	296.8130	DEKALB DKC70-27	GENVT2P	Acceleron+ Poncho 250	35000	–	Halex	–	270/50/50	Great Plains CTA-4000 John Deere S670
<b>Tim Fisher</b> Wynne, AR	283.3724	Pioneer P1870YHR*	YGCB,HX1, LL,RR2	Cruiser Extreme 250	38000	Prevathon	Acuron	Trivapro	300/120/150	John Deere 1750 MaxEmerge XP John Deere S670
<b>CALIFORNIA</b>										
<b>Rick Borges</b> Tulare, CA	282.5215	Pioneer P2089AM™	AM,LL,RR2	Cruiser 250	33500	–	Roundup Status	–	250/0/0	Case IH 1200 Case IH 2588
<b>Robert Sproat</b> Live Oak, CA	209.0051	Pioneer P1862AM™	AM,LL,RR2	–	38000	–	Gly Star Plus Gramoxone SL 2.0	–	310/103/197	Monosem NG Plus 4 Case IH 1680
<b>COLORADO</b>										
<b>Brian Knapp</b> Rocky Ford, CO	311.8813	Pioneer P1751AMT™	AMT,LL,RR2	Poncho 1250	30000	Comite	Mad Dog Plus	–	250/50/0	John Deere 7300 Case IH 2588
<b>David Ruppel</b> Brighton, CO	290.1480	DEKALB DKC54-40RIB	GENVT2PRIB	Acceleron 250	36000	–	–	–	0/0/0	John Deere 1700 MaxEmerge Plus Vacuum Gleaner S77
<b>Dan Genova</b> Pueblo, CO	284.2089	Pioneer P1311AM™	AM,LL,RR2	Cruiser 250/Raxil	30000	–	–	–	230/30/0	Monosem NG Plus 4 Case IH 1644
<b>DELAWARE</b>										
<b>John Willin</b> Seaford, DE	297.3004	Axis 64K24	VT2P	Acceleron+ Poncho 250	37500	Permethrin 3.2 Tombstone	Lexar Princep Cal-90 Roundup PowerMax	Franchise Quilt Xcel Trivapro	325/17/120	John Deere 1760NT Case IH Axial-Flow 7120
<b>Mark Collins</b> Laurel, DE	294.5417	Channel 217-92VT2PRIB	VT2P	Genesis Ag Invigorate	35000	Warrior	Lexar	–	305/35/200	Kinze 3650 Case IH Axial-Flow 7120
<b>Jessi Wyatt</b> Harrington, DE	274.4881	Pioneer P1197YHR	YGCB,HX1, LL,RR2	PPST 250	36000	Capture Warrior II	Lexar+Roundup	Headline AMP	270/20/80	Kinze 3660 John Deere 9770 STS
<b>FLORIDA</b>										
<b>Jimmy Murphy</b> Jennings, FL	268.5653	Pioneer P1870YHR*	YGCB,HX1, LL,RR2	Amplify D+ Poncho 250	34500	Mustang MAX	Atrazine 4L Dual Magnum Glyphosate	Headline AMP Headline SC	300/90/300	John Deere 1700 MaxEmerge XP John Deere 9870
<b>Dusty Cone</b> Jennings, FL	241.9834	DEKALB DKC62-08	GENSS	Acceleron+ Poncho 250	31860	–	Atrazine 4L Dual II Magnum Glyphos Xtra	Headline AMP	300/90/300	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9870 STS
<b>Damon Deas</b> Jennings, FL	233.5241	Pioneer P1319VYHR	AVBL,YGCB, HX1,LL,RR2	Acceleron+ Poncho 250	30020	–	Atrazine 4L Glyphos Xtra	Headline AMP	220/90/220	John Deere 1700 MaxEmergePlus John Deere 9870
<b>GEORGIA</b>										
<b>Randy Dowdy</b> Valdosta, GA	406.0646	AgriGold A6499 STX	STX	Cruiser 500	40000	–	Atrazine+Roundup	Headline AMP	400/150/400	Harvest International Other John Deere S680
<b>Bridget Dowdy</b> Valdosta, GA	389.0021	AgriGold A6499 STX	STX	Cruiser 500	38000	–	Atrazine+Roundup	Headline AMP	380/150/380	Harvest International Other John Deere S680
<b>Jared Dowdy</b> Valdosta, GA	374.9555	AgriGold A6499 STX	STX	Cruiser 500	38000	–	Atrazine+Roundup	Headline AMP	360/100/360	Harvest International Other John Deere S690
<b>IOWA</b>										
<b>Amana Farms</b> Amana, IA	312.1524	Pioneer P1618W*	Waxy	–	35500	–	–	–	0/0/0	John Deere DB60 John Deere S690
<b>Thomas Hotz</b> Lone Tree, IA	289.0671	Pioneer P1443AM™	AM,LL,RR2	Cruiser Extreme 250+ Poncho 250	37600	–	Abundit Extra Breakfree ATZ, Realm Q	–	220/62/130	Kinze 3600 John Deere 9670 STS
<b>Matt Lorimor</b> Tabor, IA	284.4591	Pioneer P1197AM™	AM,LL,RR2	P1250	31500	–	Atrazine 4L Halex GT, Roundup	Approch Prima	190/0/0	White 8200 New Holland CR9070

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

<b>IDAHO</b>										
<b>Nicole Hults</b> Gooding, ID	292.7353	DEKALB DKC52-61RIB	GENVT2PRIB	Acceleron	37000	-	Clarity Roundup PowerMax	-	300/55/55	John Deere 1720 CCS Stack-Fold John Deere S670
<b>Kay Hults</b> Wendell, ID	291.9779	Pioneer P1151AM™	AM,LL,RR2	-	37000	-	Clarity Roundup PowerMax	-	300/55/55	John Deere 1720 CCS Stack-Fold John Deere S670
<b>Mike Moyle</b> Star, ID	284.8802	Pioneer P0157AMX™	AMX,LL,RR2	Dynasty+ Poncho 250	35000	-	Clarity, Resolve Q Roundup PowerMax	-	325/40/30	Monosem MS Single Row John Deere 9600
<b>ILLINOIS</b>										
<b>Phillip Friedrich</b> Green Valley, IL	320.5953	DEKALB DKC66-75	GENVT2P	-	36500	Aztec 2.1G	DiFlexx, Medal Infantry 4L Roundup PowerMax	-	325/83/110	John Deere DB66 John Deere S670
<b>Andy Cox</b> Mason City, IL	319.9515	Pioneer P1197AM™	AM,LL,RR2	-	34000	-	Halex GT	Quit Xcel	210/150/150	John Deere 1770 Front-Fold MaxEmerge Plus Drawn Conservation Case IH 7230
<b>Scott Miller</b> Tammis, IL	302.4500	DEKALB DKC66-75RIB	GENVT2PRIB	Acceleron+ Poncho 250	37000	Lambda-Cy	Acuron	Trivapro	342/205/405	Kinze 3650 John Deere 9670 STS
<b>INDIANA</b>										
<b>Greg Zimlepan</b> Rochester, IN	339.9088	Pioneer P0825AM™	AM,LL,RR2	Poncho 1250	34000	-	2,4-D+Round up Atrazine, SureStart	-	310/135/175	John Deere 1770NT John Deere S690
<b>Brooks Cardinal</b> Oaktown, IN	331.5388	AgriGold A6659 VT2RIB	VT2RIB	Poncho 500	37000	-	Acuron	Quit Xcel	290/90/180	John Deere 1775NT John Deere S670
<b>Alan Gohn</b> Rochester, IN	305.7327	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	33000	-	Cinch ATZ SureStart	-	300/40/60	John Deere DB80 John Deere S680
<b>KANSAS</b>										
<b>Josh Koehn</b> Montezuma, KS	289.7574	Pioneer P1751AMT™	AMT,LL,RR2	Poncho 1250+ VOTIVO	34000	-	-	-	280/60/0	Monosem NG Plus 4 John Deere S680
<b>Mike Fuhrman</b> Lancaster, KS	289.7452	Pioneer P1197AM™	AM,LL,RR2	PPST 250	32000	-	Corvus, Laudis Degree Xtra Roundup PowerMax	-	0/0/0	John Deere 1790 Case IH 7230
<b>Dick Stevenson</b> Selden, KS	288.7570	Pioneer P1197AM™	AM,LL,RR2	Amplify+ Poncho 250	34000	-	-	-	250/80/0	John Deere 1725 CCS Stack-Fold John Deere 9770
<b>KENTUCKY</b>										
<b>Kenny Knott</b> Owensboro, KY	324.6413	AgriGold A6711 VT2PRO	VT2PRO	Poncho 500	36000	-	Acuron	-	200/100/200	Case IH 1250 Front-Fold Early Riser Claas 750
<b>Jerry Knott</b> Owensboro, KY	321.0104	AgriGold A6499 STXRIB	STXRIB	Poncho 500	36000	-	Acuron	-	200/100/200	Case IH 1250 Front-Fold Early Riser Claas Lexion 750
<b>Lea Meredith</b> Reed, KY	314.7203	Pioneer P1870AM™*	AM,LL,RR2	PPST 250	40000	-	Corvus Halex GT	Trivapro	320/92/76	John Deere 1790 CCS John Deere 9770
<b>LOUISIANA</b>										
<b>Hank Rabb</b> Saint Joseph, LA	289.3411	Pioneer P1870YHR*	YGCB,HX1,LL,RR2	Cruiser 250	32000	-	Atrazine, Leadoff Resolve Q	-	236/0/0	John Deere 1700 MaxEmerge Vacuum, John Deere 9870 STS
<b>Erle Clark</b> Mer Rouge, LA	284.0103	DEKALB DKC70-27	GENVT2P	Apron+Cruiser+ Dynasty+Maxium XI	46000	Besiege	-	Stratego YLD	333/100/250	John Deere 1720 CCS Twin Row John Deere S680
<b>Randy Moroni</b> Winnsboro, LA	245.5611	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	-	33000	-	-	-	280/80/120	John Deere 1700 MaxEmerge XP John Deere S670
<b>MASSACHUSETTS</b>										
<b>William Llewelyn</b> Northfield, MA	277.9467	Pioneer P9840AM™	AM,LL,RR2	Poncho 1250+ VOTIVO	45000	-	Lumax EZ	-	303/57/238	John Deere 7200 MaxEmerge 2 Vacuum John Deere 9500
<b>MARYLAND</b>										
<b>Bruce Bartz</b> Denton, MD	331.4927	DEKALB DKC62-08RIB	GENSSRIB	Poncho 250	45000	-	-	-	300/150/400	Kinze 3600 John Deere 9870 STS
<b>Michael Bostic</b> Church Hill, MD	292.0242	Pioneer P1870AM™*	AM,LL,RR2	Poncho 1250+ VOTIVO	33500	Capture LFR	Gly Star, Lexar Princep Cal-90	Stratego	245/50/140	John Deere 1790 CCS John Deere S670
<b>Marion Wilson</b> Centreville, MD	274.0743	DEKALB DKC64-35RIB	GENVT2PRIB	-	38000	Ethos XB	Atrazine+Roundup Corvus	-	275/80/100	John Deere 1780 MaxEmerge Plus Vacuum New Holland CR8090

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>MAINE</b>										
<b>Jon McCrum</b> Bethel, ME	198.0399	Channel 192-08VT2PRIB	VT2P	Acceleron+ Poncho 250	30000	-	Halex GT	-	190/15/140	John Deere 1700 MaxEmerge Vacuum, John Deere 9650
<b>MICHIGAN</b>										
<b>Don Stall</b> Charlotte, MI	407.2162	Pioneer P0574AM™*	AM,LL,RR2	PPST 250	45000	-	AAtrex 4L, AMS, Crop Oil, Realm Q, Makaze Yield Pro	-	300/80/180	Case IH 1250 Front-Fold Case IH 8010
<b>Jake Drozd</b> Allegan, MI	337.4570	Pioneer P1197AM™	AM,LL,RR2	Invigor8	43000	-	Bicep II Magnum Callisto	Quilt Xcel	0/0/0	John Deere 1775NT John Deere S680
<b>T Jon Drozd</b> Allegan, MI	318.1038	Pioneer P0574AM™*	AM,LL,RR2	Invigor8	41500	-	Bicep II Magnum Callisto	Quilt Xcel	0/0/0	John Deere 1775NT John Deere S680
<b>MINNESOTA</b>										
<b>Paul Beskau</b> Hastings, MN	281.9586	Pioneer P1151AM™	AM,LL,RR2	-	36000	-	Atrazine, Callisto Outlook, Roundup PowerMax	Headline AMP	260/50/150	Case IH 1265 Front-Fold Case IH 8230
<b>Richard Steele</b> Alden, MN	281.8035	DEKALB DKC58-06RIB	GENSSRIB	Acceleron	36000	-	Harness, Resource Roundup PowerMax	Quilt Xcel	200/50/60	John Deere 1770NT John Deere S670
<b>Curt Haler</b> Hastings, MN	279.9850	Pioneer P1197AMXT™	AMXT,LL,RR2	PPST 250	36000	-	Atrazine, Callisto Outlook, Roundup PowerMax	Headline AMP	260/50/150	Case IH 1265 Front-Fold Case IH 8230
<b>MISSOURI</b>										
<b>Kip Cullers</b> Purdy, MO	382.7802	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	Poncho 1250	50000	-	-	-	288/0/25	John Deere 1770 John Deere S680
<b>Garrett Jansen</b> Oran, MO	314.6566	DEKALB DKC70-27RIB	GENVT2P	Amplify L+ Poncho 250	51000	-	Atrazine 4L, Metalachlor Generic Roundup	-	400/150/150	John Deere 1720 Claas Lexion 570
<b>Kevin Mainord</b> East Prairie, MO	306.3065	Pioneer P2089VYHR*	AVBL,YGCB, HX1,LL,RR2	Poncho 1250+ VOTIVO	32000	-	Atrazine 4L Harness Xtra 6.5	-	270/90/90	John Deere 1790 CCS John Deere S690
<b>MISSISSIPPI</b>										
<b>Jason Boatner</b> Yazoo City, MS	272.6575	DEKALB DKC62-08	GENSS	Cruiser 1250	36000	-	Acuron	Trivapro	245/30/0	John Deere 1725 Integral Stack-Fold, John Deere S690
<b>Allen Cole</b> Hernando, MS	263.6446	Pioneer P1637R	RR2	-	34000	-	-	-	240/0/0	John Deere 1720 MaxEmerge XP John Deere S670
<b>Drew Coker</b> Yazoo City, MS	263.0925	DEKALB DKC62-08	GENSS	Cruiser 1250	35750	-	Atrazine 4L Halex GT	-	240/30/0	John Deere 1725 Integral Stack-Fold, John Deere S690
<b>MONTANA</b>										
<b>Darren Miller</b> Billings, MT	272.0283	DEKALB DKC45-65RIB	GENSSRIB	Acceleron	36000	-	Roundup PowerMax	-	458/125/112	John Deere 7100 John Deere 9600
<b>Bart Icopini</b> Hysham, MT	253.2827	Pioneer P9188AM™	AM,LL,RR2	PPST 250	35000	-	Durango, Status Roundup RT3, Verdict	-	200/120/80	Monosem NG Plus Case IH 9230
<b>John Yerger</b> Hardin, MT	251.8233	Pioneer P9188AM™	AM,LL,RR2	Poncho 250	38000	-	-	-	220/0/0	John Deere 1700 MaxEmerge Vacuum, John Deere S670
<b>NORTH CAROLINA</b>										
<b>Harbert Moore</b> Red Springs, NC	271.0561	DEKALB DKC62-08	GENSS	-	35000	-	-	-	310/45/345	John Deere 7100 Rigid Frame MaxEmerge, John Deere 9760 STS
<b>Billy Gillam</b> Harrellsville, NC	252.6799	Pioneer P1794VYHR	AVBL,YGCB, HX1,LL,RR2	Poncho 250	31000	-	Roundup PowerMax Trizmet II	Approch Prima	0/0/0	John Deere 1720 MaxEmerge XP John Deere 8820
<b>Luther Moore</b> Maxton, NC	251.9682	Pioneer P1442YHR*	YGCB,HX1, LL,RR2	-	32000	-	-	-	310/45/345	John Deere 7100 Rigid Frame MaxEmerge, John Deere 9760 STS
<b>NORTH DAKOTA</b>										
<b>Donna Frauenberg</b> Lamoure, ND	283.8690	DEKALB DKC45-65RIB	GENSSRIB	Jump Start+ Poncho 250, Acceleron, Ascend, Conklin	43500	Kendo	Harness Roundup PowerMax	-	250/150/150	John Deere DB66 Case IH 9120
<b>Chad Vander Vorst</b> Pollock, ND	275.7550	Pioneer P9188AM™	AM,LL,RR2	PPST 250	37000	-	DiFlexx, Harness Roundup	-	250/100/30	Case IH 1265 Front-Fold Case IH 7230
<b>John Quandt</b> Oakes, ND	264.6688	Curry 720-02AM	AM	-	36000	-	Atrazine 4L, Laudis Roundup PowerMax	-	200/25/15	White 9824 Case IH 9230
<b>NEBRASKA</b>										
<b>Ryan Fisher</b> Amherst, NE	325.0845	Pioneer P0801AMXT™	AMXT,LL,RR2	Cruiser 250/Raxil	31500	-	-	-	180/12/0	John Deere 1720 MaxEmerge XP Case IH 8240
<b>Ted Pfister</b> Overton, NE	315.8143	Pioneer P1197AMT™	AMT,LL,RR2	Cruiser Extreme 250 +Poncho 1250	33000	-	Glyphosate	-	250/40/0	John Deere 1720 MaxEmerge XP John Deere 9570 STS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>IRRIGATED - CONTINUED</b>										
<b>Travis Powley</b> Holdrege, NE	313.8675	DEKALB DKC60-88RIB	GENVT2PRIB	-	33500	-	-	-	180/40/0	Case IH 1230 Case IH 2388
<b>NEW HAMPSHIRE</b>										
<b>Frederick Lewelyn</b> Northfield, MA	253.7054	Channel 197-68STXRIB	SS	Acceleron+ Poncho 250	37000	-	Lumax EZ	-	220/37/230	John Deere 7200 MaxEmerge 2 Vacuum, John Deere 9500
<b>NEW JERSEY</b>										
<b>Eric Eachus</b> Mullica Hill, NJ	286.2012	Augusta Seed A7766VT2P	VT2P	-	50000	-	Resicore	-	250/200/200	John Deere 1795 John Deere S680
<b>Steph Santini</b> Stewartsville, NJ	285.9445	DEKALB DKC68-26RIB	GENVT2PRIB	Acceleron	42000	-	Acuron	-	300/100/100	John Deere 1790 CCS John Deere S660
<b>Charles Myers</b> Woodstown, NJ	276.3908	Pioneer P1197*	CONV	-	31000	-	Atrazine, Roundup Zidua	-	290/0/90	Kinze 2600 Case IH 7120
<b>NEW MEXICO</b>										
<b>Ryan Garcia</b> Farmington, NM	344.5276	Pioneer P0801AM™	AM,LL,RR2	Cruiser 250/Raxil	36000	Prevathon	Cinch ATZ Dicamba, Resolve Q Roundup PowerMax	Approch Prima	300/50/60	John Deere 1770 Front-Fold MaxEmerge Plus Drawn Conservation John Deere 9760 STS
<b>Kent Gordon</b> Dalhart, TX	267.4012	Croplan Seed 7087VT2P/RIB	VT2PRIB	Acceleron	32000	-	-	-	300/100/75	John Deere 1770 NT CCS Case IH 8230
<b>NEVADA</b>										
<b>Nathan Wadsworth</b> Fallon, NV	269.9550	Pioneer P0921AMXT™	AMXT,LL,RR2	-	38000	-	Cornerstone+Roundup Status	-	100/70/30	John Deere 7200 John Deere 9600
<b>NEW YORK</b>										
<b>Paul Campbell</b> Nichols, NY	271.6312	DEKALB DKC52-84RIB	GENSSRIB	Poncho 250	41000	-	Roundup Yukon	Headline AMP Manticor, Priaxor	120/40/60	John Deere 1750 MaxEmerge Plus John Deere 6620
<b>OHIO</b>										
<b>Dan Watchman</b> Napoleon, OH	289.4762	Seed Consultants SCS 1125AMX-HXX	HXX	Poncho 500	34000	-	Corvus	-	253/54/120	Case IH 1255 Front-Fold Early Riser Case IH 5140
<b>Jennie Hull</b> Chillicothe, OH	284.1620	DEKALB DKC67-57RIB	GENVT3PRIB	Poncho 500	38000	-	Harness Xtra 5.6L	Quilt Quilt Xcel	260/160/160	Kinze 3700 Case IH 9230
<b>Mike Funderburgh</b> North Lewisburg, OH	277.2910	Pioneer P1197AM™	AM,LL,RR2	PPST 250	34000	Bifenthrin	Atrazine 90 DF Resicore	-	180/39/45	John Deere 1790 CCS John Deere 9660 STS
<b>OKLAHOMA</b>										
<b>Tracy Keezer</b> Clayton, NM	301.0219	Pioneer P1311AM™	AM,LL,RR2	Poncho 1250	33750	-	Atrazine+Roundup	-	340/50/25	John Deere 1770 John Deere 9660 STS
<b>Nathan Johnson</b> Boise City, OK	289.0102	Pioneer P1751AM™	AM,LL,RR2	-	32000	-	-	-	280/50/10	John Deere 1700 MaxEmerge Plus Vacuum, John Deere 9660
<b>OREGON</b>										
<b>Kristen Corpus</b> Hermiston, OR	310.7090	DEKALB DKC62-05	RR2	Acceleron+ Poncho 250	38500	-	Atrazine Roundup PowerMax	-	352/141/124	John Deere 7340 John Deere 9770 STS
<b>Tom Fleckenstein</b> Vale, OR	246.4573	Croplan Seed 3499VT3P/RIB	VT3PRIB	Acceleron	39000	-	Roundup PowerMax Status	Priaxor	300/100/100	Monosem NG Plus Mounted John Deere 9750 STS
<b>PENNSYLVANIA</b>										
<b>Paul Mast</b> Morgantown, PA	265.7715	Pioneer P1197AMXT™	AMXT,LL,RR2	Poncho 250	33000	Capture LFR	Balance Flexx Brawl II ATZ	-	243/6/6	John Deere 1750 MaxEmerge Plus Vacuum, John Deere 9750 STS
<b>Daniel Hunsicker</b> Mertztown, PA	238.5179	Pioneer P1197AM™	AM,LL,RR2	Keystone RoundUp	40000	-	-	-	270/0/60	John Deere 1770 Front-Fold MaxEmerge Plus Drawn Conservation John Deere 9770 STS
<b>Ernest Mast</b> Morgantown, PA	237.9994	Pioneer P0843AM™	AM,LL,RR2	Poncho 250	33200	Capture LFR	Balance Flexx Brawl II ATZ	-	243/6/6	John Deere 1750 MaxEmerge Plus Vacuum, John Deere 9750 STS
<b>SOUTH CAROLINA</b>										
<b>Rick Dennis</b> Bonneau, SC	283.5439	DEKALB DKC62-08	GENSS	Acceleron+ Poncho 250	38000	-	Atrazine 4L Hallex GT	Quilt Xcel	300/150/200	John Deere 1700 MaxEmerge XP John Deere 9650 CTS
<b>Daniel Garrick</b> Cope, SC	283.4193	Pioneer P1197*	CONV	Amplify L+ Poncho 250	34500	Counter 20 G Ethos XB Perm-Up, Sniper	2.4-D+Roundup AAtrex+Roundup Impact	Stratego	300/200/200	John Deere 1700 MaxEmergePlus Case IH 7130
<b>Russ Jameson</b> Orangeburg, SC	275.9265	Pioneer P1197YHR	YGCB,HX1, LL,RR2	Amplify+ Poncho 250	36400	Counter 20 G	Atrazine 90 DF Impact, Roundup PowerMax	Stratego YLD	275/30/60	John Deere 1700 MaxEmerge XP Case IH 7140
<b>SOUTH DAKOTA</b>										
<b>Steve Hagen</b> Davis, SD	312.9056	Pioneer P1366AM™*	AM,LL,RR2	Cruiser	35000	Force CS	Lexar Touchdown	-	400/189/189	John Deere DB80 John Deere S680

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	N/P/K	Planter/ Harvester
<b>IRRIGATED - CONTINUED</b>										
<b>Jarrod Hagena</b> Hurley, SD	309.3789	Pioneer P1366AM™*	AM,LL,RR2	Cruiser	35000	Force CS	Lexar Touchdown	-	400/189/189	John Deere DB80 John Deere S680
<b>Dean Bosse</b> Elk Point, SD	288.1263	Pioneer P1197AM™	AM,LL,RR2	NSo4 MR 80 M IST RA	33500	-	2,4-D+Atrazine AAtrex+Roundup, Laudis	-	180/70/30	Case IH 1250 Front-Fold John Deere 9670 STS
<b>TENNESSEE</b>										
<b>Hunter Hooper</b> Brownsville, TN	326.5638	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	35000	-	Atrazine 4L Clarity, Sequence	Trivapro	450/92/150	John Deere 1795 John Deere S680
<b>Jeremy Barnes</b> Union City, TN	284.5472	DEKALB DKC70-27	GENVT2P	Acceleron+ Poncho 250	36000	-	AAtrex NineO Halex GT	-	250/60/90	John Deere 1770NT Case IH 8230
<b>Brad Burks</b> Halls, TN	270.8868	Pioneer P2089YHR	YGCB,HX1, LL,RR2	Cruiser 250	34000	-	Atrazine 4L Clarity, Halex GT	Trivapro	320/130/180	John Deere 1795 John Deere S670
<b>TEXAS</b>										
<b>Jody Bezner</b> Texline, TX	325.6997	Pioneer P1311AMXT™	AMXT, LL,RR2	Poncho 1250+ VOTIVO	32500	-	-	-	325/55/30	John Deere 1770 NT CCS John Deere 9660 STS
<b>Tommy &amp; Valerie Cartrite</b> Sunray, TX	311.0238	Dyna-Gro D58VC37	VT2P	-	38700	-	-	-	500/100/100	John Deere 1730 Case IH 7240
<b>Arlie Petty</b> Canyon, TX	277.1247	Pioneer P1197AMXT™	AMXT, LL,RR2	Cruiser Extreme 250+ Poncho 1250	36000	-	-	-	100/20/10	John Deere DB60 John Deere S680
<b>UTAH</b>										
<b>Paul Pali</b> Tremonton, UT	327.0152	DEKALB DKC52-61RIB	GENVT2PRIB	Poncho 500	35000	-	Roundup PowerMax	-	300/100/0	Case IH 1200 Case IH 9230
<b>Teresa Pali</b> Brigham City, UT	324.2836	DEKALB DKC52-61RIB	GENVT2PRIB	Poncho 250	35000	-	Roundup PowerMax	-	300/100/0	Case IH 1200 Case IH 9230
<b>Cody Pali</b> Brigham City, UT	321.7636	DEKALB DKC52-68RIB	GENVT2PRIB	Poncho 250	35000	-	Roundup PowerMax	-	300/100/0	Case IH 1200 Case IH 9230
<b>VIRGINIA</b>										
<b>Patrick Newcomb</b> Hanover, VA	302.2712	Pioneer P1197AM™	AM,LL,RR2	Poncho 1250	31750	-	Acuron, Vision Barrage HF, Simazat	Approch Prima	300/60/300	Kinze 3600 Case IH 8230
<b>Edwin Mills</b> Hanover, VA	289.2418	Pioneer P2089AM™	AM,LL,RR2	-	31000	-	AAtrex 4L, Cinch ATZ Instigate, Simazine	-	290/30/240	Kinze 3660 John Deere S670
<b>John Mills</b> Hanover, VA	286.3148	Pioneer P1794VYHR	AVBL,YGCB, HX1,LL,RR2	-	32000	-	AAtrex 4L, Cinch ATZ Instigate, Simazine	-	280/30/240	Kinze 3660 Case IH 7230
<b>VERMONT</b>										
<b>Dan King</b> Vernon, VT	271.7859	Channel 210-95STXRIB	SS	Poncho 500	41000	-	Roundup PowerMax	-	160/40/100	Kinze 3600 Case IH 1460
<b>WASHINGTON</b>										
<b>Boe Clausen</b> Warden, WA	322.9349	DEKALB DKC54-38RIB	GENSSRIB	-	39000	-	Atrazine 4L, Clarity Roundup UltraMax	-	172/0/0	John Deere 1720 MaxEmerge XP John Deere S680
<b>Ken Goodrich</b> Moses Lake, WA	288.7899	DEKALB DKC52-84RIB	GENSSRIB	-	32000	-	Roundup PowerMax	-	527/0/224	Monosem NG Plus 4 John Deere 9610
<b>Patrick Zecchino</b> Granger, WA	288.1606	Pioneer P0801AM™	AM,LL,RR2	Cruiser 250/Raxil	35000	-	-	-	250/60/0	John Deere 1720 MaxEmerge XP John Deere S660
<b>WISCONSIN</b>										
<b>Jeff Laskowski</b> Plover, WI	317.6471	DEKALB DKC60-67RIB	GENSSRIB	-	38000	-	Cinch ATZ Lite	-	285/60/200	John Deere 1770NT John Deere 9560 STS
<b>Barb Laskowski</b> Plover, WI	305.3174	Pioneer P0157AM™	AM,LL,RR2	-	38000	-	Cinch ATZ Lite	-	285/60/200	John Deere 1770NT John Deere 9560 STS
<b>David Arndt</b> Janesville, WI	288.7237	Pioneer P1197AMXT™	AMXT,LL,RR2	-	34000	-	Atrazine 90 DF, Outlook Roundup PowerMax, Status	-	115/20/0	Kinze 3600 Gleaner S77
<b>WEST VIRGINIA</b>										
<b>Louis Miltenberger</b> Keyser, WV	256.7428	DEKALB DKC64-34RIB	GENSSRIB	Acceleron + Poncho 250 + Invigor8	35000	Lambda-Cy	Dicamba DMA Gly Plus, Resolve Q	Headline AMP	150/8/2	John Deere 1770NT John Deere S660
<b>Ann Widmyer</b> Charles Town, WV	221.8836	Pioneer P1870AM™*	AM,LL,RR2	Poncho 250	30000	-	Lexar, Princep 4L Roundup PowerMax	-	180/60/60	Allis Chalmers 79 Air Champ Case IH 1660
<b>WYOMING</b>										
<b>Brett Meyer</b> Torrington, WY	256.9993	Pioneer P0339Q*	Q,LL,RR2	-	35000	-	Abundit, Cinch Dicamba, Resolve Q	-	250/100/50	John Deere 1760 Conservation John Deere 9670 STS

## 2017 ENTRIES BY STATE

### Affiliated States

Alabama .....	77
Arkansas.....	158
Colorado.....	141
Georgia.....	59
Illinois.....	629
Indiana.....	285
Iowa.....	1,021
Kansas.....	346
Kentucky.....	148
Louisiana.....	93
Maryland.....	133
Michigan.....	654
Minnesota.....	313
Mississippi.....	137
Missouri.....	342
Nebraska.....	924
New York.....	53
North Carolina.....	315
North Dakota.....	28
Ohio.....	223
Oklahoma.....	45
Pennsylvania.....	89
South Carolina.....	78
South Dakota.....	209
Tennessee.....	155
Texas.....	67
Virginia.....	85
Wisconsin.....	114

**Unaffiliated States..... 348**

**Total Entrants..... 7,269**

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

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

Forty-six states participated in the contest; 50 seed companies were represented. The 424 State Winners planted 169 hybrid numbers. A total of 689 hybrid numbers were planted by 7,269 entrants.

<b>Average Yield</b>	<b>All Entrants</b>	<b>National Winners</b>
	255.1593	386.0918
<b>Avg. Plant Pop.</b>	33,870	40,261
<b>Avg. Harvest Pop.</b>	33,528	40,133

<b>Row Spacing</b>	<b>% of Entrants</b>
<30"	8.23%
30"	85.36%
36"	2.70%
38"	3.50%
40"	0.22%

<b>Average Fertilizer Use</b>	<b>All Entrants</b>	<b>National Winners</b>
Nitrogen (lbs)	225.61	336.11
Phosphorus (lbs)	58.34	105.78
Potash (lbs)	85.87	207.00
Trace Elements (%)	40.71%	33.33%
Manure (%)	16.19%	44.44%

<b>Timing of Nitrogen Fertilizer Application</b>		
Fall (%)	13.00%	11.11%
Spring Pre-Plant (%)	49.79%	33.33%
At Planting (%)	48.58%	44.44%
Side Dress (%)	57.21%	77.78%

<b>Starter (%)</b>	65.33%	94.44%
<b>Surface Applied (%)</b>	55.37%	72.22%
<b>Incorporated (%)</b>	66.89%	72.22%
<b>Irrigation (%)</b>	15.43%	27.78%
<b>Nitrogen/bu. (lbs)</b>	0.88	0.87
<b>Soil Test (%)</b>	61.84%	94.44%

<b>Previous Crop</b>		
Corn (%)	25.96%	16.67%
Soybeans (%)	60.26%	83.33%
Wheat (%)	6.42%	0.00%
Alfalfa/Hay (%)	0.76%	0.00%
Other (%)	6.60%	0.00%

## 2017 ENTRIES BY CLASS\*

	<b># of Entrants</b>	<b>Winning Yield</b>
A Non-Irrigated .....	1,122	357.0621
AA Non-Irrigated .....	1,925	386.1630
A No-Till/Strip-Till Non-Irrigated .....	909	353.5796
AA No-Till/Strip-Till Non-Irrigated .....	575	354.1344
No-Till/Strip-Till Irrigated .....	1,283	542.2740
Irrigated.....	1,452	407.2162
No Class Marked.....	3	
<b>Total.....</b>	<b>7,269</b>	

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