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2013 EXCLUSIVE SPONSORS

NATIONAL CORN YIELD CONTEST

2013 Winners Guide

NCGA's BEST IN THE FIELD

INSIDE: Winners of the 2013 National Corn Growers Association National Corn Yield Contest

Technology is ushering in a new era of U.S. corn production that captures more yield potential using smarter input decisions.

A Message From The President

In 2013, America's corn farmers showed how, through the adoption of innovative technologies and cutting edge practices, they can grow an abundant crop to meet all needs. While rains kept many from their fields and delayed planting in the spring, the character of the men and women who farm our land, shone through as they toiled tirelessly to get the crop in the ground in time for it to flourish. And flourish it did. This fall, U.S. corn farmers reaped the bounty of their labors, harvesting a record crop that will provide food, fuel and fiber for our nation and our trading partners around the world.

Martin Barbre, President
National Corn Growers Association

Participation in the National Corn Yield Contest broke records too, with 8,983 entries. Also breaking the previous record for submissions via the online entry and harvest forms, contest participants demonstrated that America's farmers continue to strive for excellence while adopting the state-of-the-art tools which help them meet those goals. This technology also allows NCGA to better serve farmers in that pursuit. Online submission makes it possible for us to dig deeper into the data gathered through the contest and provide fuller, more precise information on growing practices that might benefit a diverse array of operations.

We thank each of you for your dedication, and we would like every participant to know that the work each of you does during the contest contributes to the pool of agronomic knowledge that allows farmers to meet the growing demands of a hungry world while preserving the natural resources upon which our families have depended for generations.

We thank three additional groups whose commitment makes this contest possible: the volunteer contest supervisors and the seed companies.

Volunteer supervisors work a considerable amount each fall, some documenting dozens of yield checks. These crop advisors, extension personnel, government employees and financial professionals give back to the agricultural industry through their hard work and ensure the integrity of the contest as a whole.

The seed companies also demonstrate ongoing dedication to the National Corn Yield Contest. These companies recognize the stiff competition inherent in the contest and realize that it provides an excellent showcase for the myriad of new seed offerings. As the contest grows in popularity and renown, seed representatives step forward to help growers work toward their dreams.

Finally, we would like to offer special thanks to BASF Corporation, John Deere and DuPont Pioneer. Their generous financial support makes this guide, along with the events and online media recognizing contest winners, possible. Moreover, their ongoing support of efforts to advance agriculture serves as a testament to their commitment to American farmers.

We applaud the successes of the 2013 winners. Their stories, highlighted throughout the guide, provide valuable insight into innovative practices that will help our industry flourish in the years to come.

American corn farmers build upon a tradition of excellence, but they remain dogged in their determination for further improvement. The men and women who make up today's vibrant American agricultural sector worked tirelessly in 2013 and proved their ability to exceed expectations remains strong. In 2014, NCGA continues to work with the same passionate, driven spirit, providing opportunity for those who provide a corn crop to meet growing global needs.

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Traits, Tools And Technology

America's corn farmers grow more bushels on fewer acres, and the environment is the winner.

In a test plot tucked away just a quarter-mile south of the Iowa-Missouri border, Gary Porter evaluates about 30 corn hybrids each year. "It's a way for us to identify the top numbers that work on our farm so we'll know what to plant next year," says Porter, a category winner in previous National Corn Growers Association National Corn Yield Contests (NCYC).

DROUGHT TOLERANCE. The plot produced some interesting results over the past couple of growing seasons. In both 2012 and 2013, the hybrid that topped the plot contained genes that help the plant fight off drought. "The drought-tolerant hybrids are not dominating, but they are winning the plot," says Porter, who heads up a family operation based in Mercer, Missouri, that farms on both sides of the state line. "Those genetics are giving us something to think about."

Advances in corn genetics is one reason U.S. yields bounced back onto their long-term trend line in 2013, recovering from 2012's devastating drought. Like many in the Corn Belt, Porter faced less than ideal corn-growing conditions in 2013, planting into soggy soil that baked under a drier-than-average summer.

"Growing corn is so much more of a science today," he says. "We're doing a better job of matching hybrids to soil types, and using a precision approach to variable-rate the population to optimize performance of the various hybrids."

Precision farming techniques also allow growers to avoid doubling up the population near the end rows, and prevent overlaps of fertilizer and chemical applications. "That saves money and protects the environment," Porter points out. "We get better every year at managing each part of the field a little closer to perfection. We can grow more corn on fewer acres when we take steps to make sure that every acre counts."

A NEW ERA. U.S. corn production is an on-going success story. Corn growers today market five times as much corn as they did in the 1930s, but perform that feat on 20 percent less land devoted to the crop. The 2013 growing season may mark a new era of corn production that takes the crop to even higher ground.

TECH COMBO. A marriage of technologies, ranging from advanced genetic traits to new precision tools, allow growers to capture more of the corn crop's ultimate yield potential. For example, researchers finished sequencing the maize genome only about five years ago—with

PHOTO: DEAN HOUGHTON

Chris Hudson analyzes yield monitor data to decide what changes to make on his Indiana farm.

PHOTO: DEAN HOUGHTON

Stacked Bt traits and other seed science help produce a healthier root mass (left) in continuous corn for Iowa farmer Steve Lawler.

its two point five billion base pairs covering 10 chromosomes. The maize genome is almost as big as the human genome, thus giving corn breeders an express lane for genetic improvement.

This improved knowledge of the basic building blocks allows geneticists to identify genes that help corn do more with less; not only have genes been identified that help corn fight off drought, but scientists are now studying genes that improve the plant's efficiency in turning nitrogen fertilizer into yield. DNA-based molecular marker-assisted breeding techniques, teamed with biotechnology-based traits, allow breeders to quickly move advanced genetics into commercial hybrids.

MATCH UP. Precision agriculture then enters the picture, allowing growers to match the advanced hybrids to the most ideal soil type. With the help of accurate satellite guidance, everything from fertilizer nutrients to seeding rates can be varied on the go to match specific management prescriptions.

Those additional bushels will be needed to feed a growing world. "Scientists tell us the global population will reach nine billion by 2050," says Fred Below, a professor of crop physiology at the University of Illinois. "The world will have to double corn production to meet that demand."

SEVEN WONDERS. Below developed what he calls the "Seven Wonders of the Corn Yield World" to help growers create high yield systems ▶

Brad and Rochelle Krusemark tried variable rate planting last year on their Minnesota farm to complement their variable rate fertilizer applications.

PHOTO: TOM DODGE

PHOTO: TOM DODGE

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capable of sustainably producing 300 bushel per acre corn yields.

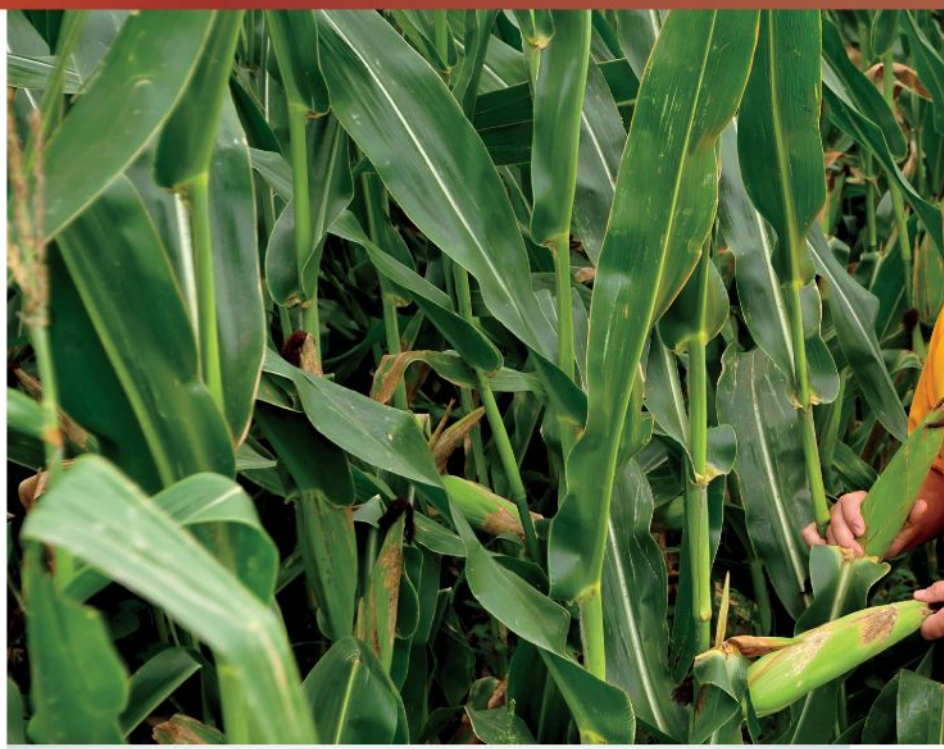
"The NCYC winners show that there is no one recipe for growing high-yield corn," he says. "The contest does show that choosing the right genetics, planting the right population and providing the right protection—along with some good luck on weather—all go together to facilitate high yields."

The seven "wonders" represent significant factors that Below has identified during his career as having biological impact on corn yield. First, though, he has identified "crucial prerequisites" that must be in place—proper drainage, adequate weed and insect control, and adequate P and K levels based on soil tests—before his seven secrets for high yield can kick in.

WEATHER RULES. As growers have been reminded over the past couple of years, the top-rated of the seven wonders is weather. "The bad news is that the factor over which we have the least control affects yields the most," Below points out.

But the good news is that the other six wonders (nitrogen input, hybrid selection, previous crop, plant population, tillage and growth regulator/fungicide use) respond to what Below calls "intelligent intensification" of management.

Over the past 50 years, the factor that has changed the most, and continues to receive intensive management scrutiny, is population. "When you compare today's plant population to those of the 1960s, in many cases the seeding rate has doubled," he says. "Number of plants is a critical component of yield. If you run a computer model to see what it takes to grow 300-bushel corn, you are going to see the need to push population higher. In most cases, we're talking about seeding rates of 40,000 per acre or above."



Missouri farmer Gary Porter uses a marriage of technologies that embrace sustainable corn production practices to produce more bushels per acre.

Near Trimont, Minn., Brad and Rochelle Krusemark pushed population during the 2013 growing season by venturing into variable-rate (VR) planting—matched up with their variable nutrient applications. "Our soil sampling is based on 2.5-acre grids," Brad says. "We've applied fertilizer nutrients using variable-rate application for close to 15 years. Now, we're using VR planting. You have to remember that, if you're adding 10,000 more plants to an acre, you're also going to have to provide enough additional fertility to support the extra population."

FERTILIZER FOCUS. For 2014, the Krusemarks plan to fine-tune fertilizer application even more, as they have purchased a sidedress rig that will allow variable-rate N application using a liquid source. The tool will have to fit precisely between the Krusemarks' tight 22-inch row spacing.

"We went to narrow rows in order to go to higher population, but still space out the plants," Krusemark says. "The more sunlight the plant gets, the better it produces."

The narrow rows also allow ample room to boost seeding rates when the variable-rate prescription calls for an increase. "It was neat to watch as I was planting last year," he recalls. "There were times that one set of eight rows on the planter was delivering one population, the next eight rows were at a different rate, and the next eight rows were on a third rate. This is the kind of technology that is going to eventually let us grow 300-bushel corn."

"Technology is showing today that we can improve our practices with such things as automatic guidance, section control, and precision seed placement," says John Fulton, an Auburn University professor of biosystems engineering.

"When we look into the future, we see how analyzing the various layers of data can help farmers better manage each hybrid,

PHOTO: DEAN HOUGHTON

getting the most of the genetics and managing risk. I'm convinced that 30 percent of the yield gains we need to see by 2050 could be attributed to precision agriculture."

Fulton points out today's cornfields don't just create yields of grain, they also generate mountains of data. Tallying up common data layers such as yield monitor data, soil test data and other common information, an acre of corn may yield 26 MB of data. "The challenge now is not only to capture the data, but to analyze it and work it into the decision-making process," he adds. "This is the area where we need to focus our efforts in the future."

BIG DATA. That's the name that has been coined to describe this effort to collect and aggregate field data, analyze it, and turn it into actionable knowledge.

Jim Budzynski, managing principal of a Carmel, Indiana firm focused on facilitating private equity investments in the agricultural industry, says convergence of various layers of data could provide a big boost.

"For the past 15 years we've been a lot better at generating data than doing anything with it," he says. "There are a lot of farmers with notebooks full of data and brightly colored yield maps, but the dots have never been connected."

Once those dots are connected, a corn grower may be able to use this new knowledge—perhaps delivered through something as simple as a message to his or her cell phone—to make better decisions about hybrid selection, or improve timing of applications for weed or pest control. "Over the next decade, we're going to see people figure out how to use data in a much more meaningful way than ever before," Budzynski predicts.

IN THE CLOUD. Simerjeet Virk, a biosystems research engineer at Auburn University, predicts wireless data transfer and cloud computing will boost the big data effort. "Farmers will be more inclined to use the wireless data and cloud based technology because they don't have to waste any time on the traditional data downloading and analyzing process," Virk says.

"The compatibility of the data transfer systems and technology with different machines and displays will further advance use of real-time data, since it will be easy to access and use them on multiple platforms," he adds.

Steve Lawler grows continuous corn on his farm near Ogden, Iowa. He depends on satellites to precisely guide all his operations—from tillage to planting, spraying to harvest. But he cites some basic agronomy practices as the keys to his farm's success.

"It all starts with genetics," he says. "We are in a good area for continuous corn, but I didn't really go corn-on-corn until the GMO products came on the market to give us insect protection."

He also points out improvements that have led to a new plateau for precision planting. "When I started farming in 1982, my first planter just sliced a furrow, and dropped seeds wherever they landed," he says. His current planter is a 36-row model on a 90-foot toolbar, but it's equipped with technologies that allow him to singulate seeds and place them at a uniform depth.

"Now that we can do a great job of planting corn, we also get the most from the genetics that are contained in that seed," he says.

Chris Hudson, who farms with his father, Curt, near Crawfordsville, Indiana, also is looking to get the most from each seed. The family recently switched to 20-inch rows, and started pushing population.

During the 2013 growing season, the Hudsons really stretched the range on their variable-rate seeding. They planted one plot in cooperation with a seed company in which the highest population hit the 53,000 mark. On another experimental plot, working with an algorithm from a different commercial venture, plant population dropped as low as 29,000 per acre in some areas.

SEEDING RATES. "That was a particularly interesting experience," Chris says. "The field had about a 20-foot elevation change, going up to the top of a sandy knob. On the same path within 500 feet, the seed prescription changed from 43,000 down to 29,000. That's well below what we would normally plant."

And it makes for some thoughtful study through the winter months. "We'll be analyzing the yield monitor data, and trying to tie in the economics to help us decide what changes to make on a whole farm basis," Chris says. "We try to learn as much as we can from the data we've collected, and come up with a plan so we can be ready to go next year." ●

First Place

PHOTO: MICHAEL GEISSINGER

MY LADYS MANOR
Monkton, MD

302.2070 bu./acre
Mid-Atlantic Seeds MA8102VT3P
Population: 38,000
Harvester: John Deere 9760 STS

SUPERVISORS
Richard Dahl: Engineer, Harford Soil Conservation
Brian R. Galbreath: Conservation Planner, Maryland Dept. of Ag
Christopher Prigge: Soil Conservationist, Maryland Dept. of Ag

Nearly-ideal growing conditions helped propel My Ladys Manor to a first place finish in this category. "At planting, it wasn't too wet. It wasn't too dry," says Jarod Smith, who manages the cropping operations at the dairy farm. "We had good rains almost once a week throughout the season. The only thing that may have held us back a little bit was that we never had any of those real hot days to help the corn grow. But overall, we can't complain."

Smith took a straightforward approach to managing his contest field. Three weeks ahead of planting, he broadcast 150 lbs. of potash and 20 units of sulfur on the field which had been double-cropped to barley and soybeans in 2012.

When it came to selecting a hybrid, he relied heavily on advice from Mid-Atlantic Seeds owner Jim Vizzard. "He's extremely knowledgeable and does a great job of matching up varieties with your ground," says Smith.

The crop went into the ground on May 10. His planting population of 38,000 seeds per acre was slightly higher than what he ordinarily plants for corn grain. "We try to push a little harder on our contest ground just to see what will happen," he says. "We're dairy farmers, so if the year doesn't turn out so well for shelled corn, we can always chop and feed it as silage."

At planting, he placed 7 gal. of 10-32-0 starter fertilizer in the row with the seed. Before the plants emerged, he sprayed 40 gal. per acre of 30% nitrogen, along with 1 qt. of Lumax and 1 qt. of Atrazine.

Two weeks after planting, the crop was out of the ground. "It was a really good stand," he says. "It was nice and even, just the way you like to see it."

At V4, Smith sprayed the crop with 1 qt. of Touchdown and 2 oz. of Status. Three weeks ahead of tasseling, he sidedressed the corn with another application of 30% nitrogen.

Smith takes soil samples annually on all his fields. This year, he also did some tissue sampling for the first time. "It lets you know what's going on with the plants and what they might be needing," he says.

Management Matters

- Work closely with a knowledgeable seed dealer to select hybrids.
- Soil test and tissue sample to determine what the crop needs.
- Push the envelope on planting populations.

Second Place

MARLON HENNIG
Bancroft, NE
298.5650 bu./acre
Pioneer P2088AM
Population: 32,000
Harvester: Case IH8230

SUPERVISORS:
Dennis Cady: Conservationist, NRCS
Brian Nelson: Vice-President, Branch Manager/Loan Officer, First Community Bank

Marlon Hennig found his way into the national winners' circle for the first time. The weather, he says, was about as good as he's ever seen for growing corn. "It got pretty hot in August. But, the corn didn't stress because we also had about 7 inches of rain during the month."

Splitting applications of nitrogen helped push yields along on his contest field. He spread 90 lbs. of 28% nitrogen a few days after planting and then came back with another 100 lbs. at V7.

For next year, he's thinking about making an additional nitrogen application. "The idea is to have nutrients in place so plants can utilize them when they're needed," he says. "You don't want that plant to have to go looking for anything."

He's also considering doubling up on his fungicide application. For the past five years or so, he's been flying on Headline at tasseling. "We're thinking that if we make another application at V5 we can keep the plant healthier, longer."

Third Place

LUCAS CARTER
Harrells, NC
296.7796 bu./acre
Pioneer P1615HR
Population: 36,000
Harvester: John Deere 9660 STS

SUPERVISORS:
Mark Seitz: County Extension Dir., North Carolina State University Cooperative Extension
Chris Pearson: Owner, agent, Pearson Crop Insurance

Fortune smiled on Lucas Carter during the 2013 corn-growing season. "You couldn't ask for better weather," he said. "We got 21 inches of rain between planting and picking. And the rain came when we needed it."

Carter, who farms with his dad, Ronnie, laid the groundwork for the crop the previous fall by ripping in 4 tons per acre of poultry litter. On April 1, he spread 200 lbs. of 0-0-60 fertilizer on the field.

When he planted the next day, he put 3 gal. of 8-24-0 O-Phos starter fertilizer in the furrow. "It was the first time we had used a starter. We tried it on about 50% of our corn ground, and you could really see a difference between where we used it and where we didn't."

Carter applied 25 gal. of 28-0-0 at V8 and 25 gal. of 30-0-0 at V18. He also flew on two applications of Headline—one at V12, the other at full tassel. "We felt it was especially important this year because it was so wet."

Growing today for tomorrow. Farming, the biggest job on earth.

The population is increasing, but farmland isn't. So the pressure is on for farmers to maximize yields and produce high-quality crops to meet the needs of a growing planet. This is why BASF is working with farmers to create chemistry that will increase the yield and quality of crops. With help from BASF, it's in the farmers' hands.

See how farmers are up to the challenge of producing more with less. Check out the video, "Growing Today for Tomorrow," at www.youtube.com/BASFAgProducts, or scan the QR code.

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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
A NON-IRRIGATED										
ALABAMA										
Dee River Ranch Aliceville, AL	177.3631	Pioneer P1745R	RR2	Poncho 250	26200	—	Roundup Max Atrazine 4L Halex GT	—	300/30/40	John Deere 1720 CCS Stack-Fold John Deere S690
ARKANSAS										
D & M Farms Newport, AR	265.5366	Pioneer P1615BVT	AVBL/CB/ LL/GT	None	35000	—	Atrazine Dual	—	250/60/60	John Deere 1780 John Deere S680
George Williamson Mellwood, AR	259.8619	Pioneer P1690YHR	YGCB/HX1/ LL/RR2	Cruiser	30000	—	—	—	235/60/60	Kinze 3600 John Deere 9770
Lily Williamson Eads, TN	258.7939	Pioneer P1685YHR	YGCB/HX1/ LL/RR2	Cruiser	30000	—	—	—	235/60/60	Kinze 3600 John Deere 9770
COLORADO										
Sand Partners Holyoke, CO	82.7218	Pioneer 35F48AM1	AM1/LL/RR2	Cruiser+Poncho 250	15000	—	Roundup+Status	—	70/30/30	John Deere 1720 MaxEmerge XP John Deere S670
Kirby Atkins Haxtun, CO	71.9500	Pioneer P0231AM1	AM1/LL/RR2	None	15300	—	—	—	75/20/0	White 8100 Case IH 2588
CONNECTICUT										
Cohen Farms (Harris) Ellington, CT	246.4220	Pioneer P1498HR	HX1/LL/ RR2/AQ	PPST 250	32000	—	—	—	260/60/150	John Deere 1750 Gleaner M2
Logue Farms, Inc. Woodbury, CT	207.8040	DEKALB DKC63-42	VT3	Poncho 250	33000	—	—	—	16/12/9	Kinze 3500 Case IH 2388
Cohen Farms (Louise) Ellington, CT	191.9420	DEKALB DKC61-49 RIB	GENVT2P/ RIB	Acceleron	32000	—	—	—	260/60/150	John Deere 1750 Gleaner M2
DELAWARE										
Benjamin Snow Smyrna, DE	244.3244	Pioneer P1319HR	HX1/LL/RR2	PPST 250	29000	—	—	—	200/40/90	John Deere 1770NT John Deere 9660
Hudson Farms 2 Frankford, DE	233.6982	DEKALB DKC62-98RIB	GENVT2PRIB	Poncho 250	29000	—	Harness Xtra Roundup PowerMax	—	200/0/150	John Deere 1770 Conservation John Deere 9770 STS
Hudson Farms 5 Frankford, DE	230.9972	Pioneer P1498HR	HX1/LL/ RR2/AQ	Poncho 250	37000	—	Harness Xtra Roundup PowerMax	—	300/0/150	Kinze 3500 John Deere 9770 STS
FLORIDA										
Sam Jones Jasper, FL	204.5806	Pioneer P1498R	RR2/AQ	None	22750	Contour	Roundup, Atrazine Capreno	—	190/60/190	Monosem NG Plus John Deere 9500
Rockin R Farms Ochlocknee, GA	196.5679	Pioneer P1389HR	HX1/LL/RR2	Poncho 250	22135	Contour 20 CR, Poncho 250 Bifenthrin	Expert	Headline Headline AMP	180/50/180	Monosem NG Plus John Deere 9500
GEORGIA										
Dowdy Farms Valdosta, GA	276.1088	Pioneer P1303HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	28000	—	—	—	125/100/200	John Deere 1720 John Deere 9600
Rodney Harrell Leesburg, GA	258.4193	DEKALB DKC64-69	GENVT3P	Poncho 250	31000	—	—	—	260/150/300	John Deere 1700 John Deere 9670 STS
Jill Harrell Leesburg, GA	216.5751	Pioneer P1690HR	HX1/LL/RR2	Poncho 250	31000	—	—	—	260/150/300	John Deere 1700 John Deere 9670 STS
KANSAS										
Brad Taylor White Cloud, KS	276.9525	Taylor T8845	VT2PRIB	Cruiser MAX	33500	Warrior	Degree Xtra Roundup PowerMax Impact, Atrazine	Headline Tilt	220/80/50	Monosem NG Plus Case IH 2388
Jason Taylor White Cloud, KS	274.3154	Taylor 9922VT3ProRIB	VT3ProRIB	Cruiser MAX	32000	Warrior	Atrazine, Impact Degree Xtra Roundup PowerMax	Headline Tilt	220/80/50	Monosem NG Plus Case IH 2388
Alex Noll Winchester, KS	259.4735	DEKALB DKC64-69	GENVT3P	A250	31000	—	—	—	200/75/75	Kinze 2210 Gleaner R66

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
A NON-IRRIGATED – CONTINUED										
KENTUCKY										
Billy Doolin Reynolds Station, KY	287.1055	AgriGold A6573 VT3PRRIB	VT3PRRIB	Poncho 500+ Votivo	35000	Hero	Degree Xtra Gramoxone, Atrazine	Quadris	270/115/150	Kinze 3500 John Deere S660
Neal W Ballance Franklin, KY	275.2595	Pioneer 32B16	WH/HX1/ LL/RR2	PPST 250	31000	—	Touchdown Total Simazine 90 Halex GT, 2, 4-D	Headline	200/150/150	John Deere DB90 John Deere S680
Darrell Hagan Whitesville, KY	274.7701	DEKALB DKC65-19	GENVT3P	Acceleron	32000	Capture 3 EC	Gly-4, Lumax Atrazine 90	—	175/65/90	John Deere 1790 CCS John Deere 9670 STS
LOUISIANA										
Wil Miller Farms Ferriday, LA	266.9102	Pioneer P1690HR	HX1/LL/RR2	None	32000	—	—	—	245/58/42	John Deere 1720 Case IH 2388
Ray Schexnayder Ventress, LA	266.3521	Pioneer P1615HR	HX1/LL/RR2	Poncho 250 2 EC	32700	Capture	Touchdown Me-Too-Lachlor Aatrex	—	200/60/60	John Deere 1700 MaxEmerge XP John Deere S680
Billy Lee & Nathan Lee Farms Tallulah, LA	264.7936	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser	32500	—	Roundup O-Max Atrazine 4L	—	240/0/0	John Deere 7300 MaxEmerge 2 John Deere 9770
MASSACHUSETS										
Jeff Zgrodnik Hatfield, MA	258.0284	DEKALB DKC46-17RIB	GENVT2PRIB	Poncho 250	35000	—	Gly Star Plus Lumax	—	250/12/200	John Deere 1750 Case IH 7010
Susan Kosinski Westfield, MA	249.8577	Pioneer P9917AMX	AMX/LL/RR2	Amplify D+Poncho 250	39000	—	Bicep II Magnum Realm Q, Roundup PowerMax	—	250/30/140	Kinze 2500 Case IH 2366
Wanda Llewelyn Northfield, MA	240.8904	Pioneer P0216HR	HX1/LL/RR2	Poncho 1250	36000	—	Guardsman Max Prowl H2O	—	160/14/170	John Deere 7200 John Deere 9500
MARYLAND										
My Ladys Manor Monkton, MD	302.2070	Mid-Atlantic Seeds MA8102 VT3P	GENVT3P	Acceleron	38500	Warrior	Lumax	Quilt	210/40/180	Kinze 3500 John Deere 9760
John Rigdon Jarrettsville, MD	279.9432	Pioneer P0210HR	HX1/LL/ RR2/AQ	Amplify+ Poncho 250	35000	Tombstone	Yukon, Roundup Gramoxone Extra Corvus, 2, 4-D, Atrazine	Headline AMP Stratego	200/180/200	John Deere 1770 NT CCS John Deere 9670
Jan Appenzeller Millington, MD	263.1288	DEKALB DKC62-08RIB	GENSSRIB	Acceleron+ Poncho 250	33200	—	—	—	240/80/160	Kinze 3660 Case IH 7120
MAINE										
L York Farmington, ME	232.7371	Pioneer 39B22	CONV	None	34200	—	Lumax Atrazine	—	0/0/0	John Deere 7000 Case IH 1460
Brenda York Farmington, ME	213.2602	Pioneer 39B22	CONV	None	32100	—	Atrazine 4L Lumax	—	0/0/0	John Deere 7000 Case IH 1460
Hilton Farms, Inc. Norridgewock, ME	196.2806	DEKALB DKC39-07RIB	GENVT2PRIB	Acceleron	30000	Sniper	Lumax Zidua	—	100/0/0	Great Plains YP-625A Claas Lexion 450
MICHIGAN										
David Eickholt Chesaning, MI	296.1823	Pioneer P0255AM	AM/LL/RR2	Poncho 250	36200	—	Roundup PowerMax Warrant	—	250/104/300	John Deere 1790 CCS John Deere 9670 STS
William Steinman Peck, MI	271.3684	DEKALB DKC52-04	GENVT3P	A250	34000	Lorsban	Lexar	—	180/60/120	Case IH 400 Cyclo Gleaner R62
VanVorst Farms Bronson, MI	270.1048	Pioneer P0993HR	HX1/LL/RR2	Poncho 1250+VOTiVO	33000	Asana XL	Capreno Approach	—	200/175/175	John Deere 1770NT John Deere 9670
MISSISSIPPI										
Robbie Braxton Valley Park, MS	260.1751	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser 250	29000	—	Halex Atrazine	—	225/0/0	John Deere 1700 Case IH 8120
Mark Oswalt Plantersville, MS	247.3672	Pioneer 33N58	HX1/LL/RR2	Cruiser Extreme 250	26000	—	Atrazine Generic Roundup	—	250/100/200	John Deere 7100 Case IH 1680
Barbara Oswalt Plantersville, MS	234.3435	Pioneer 33N58	HX1/LL/RR2	Cruiser Extreme 250	24000	—	Atrazine Generic Roundup	—	200/60/150	John Deere 7100 Case IH 1680

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A NON-IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
MONTANA										
Glenn Rohde Glasgow, MT	147.4022	Pioneer 39D95	RR2	None	17000	—	Traxion	—	25/0/0	John Deere 7000 John Deere 9770 STS
NORTH CAROLINA										
Lucas Carter Harrells, NC	296.7796	Pioneer P1615HR	HX1/LL/RR2	Poncho 1250	34000	—	Harness Roundup, Aim	—	225/10/100	John Deere 1710 John Deere 9660 STS
Keith Wood Andrews, NC	270.0010	DEKALB DKC66-96	GENVT3P	Poncho 1250	33000	Asana XL	Peak, Trizmet II Dicamba	Headline	120/13/0	John Deere 1780 Drawn Rigid Gleaner R52
Ronnie Carter Harrells, NC	265.2559	Pioneer P1456HR	HX1/LL/RR2	Poncho 1250	32000	—	Harness, Roundup Aim	Headline	225/10/100	John Deere 1710 John Deere 9660
NORTH DAKOTA										
Mark Gorder Wahpeton, ND	243.2210	Pioneer P9917	CONV	Poncho 250	39000	—	—	—	300/200/200	John Deere 1710 John Deere 9770
Travis/Shannon Bergh Farm Havana, ND	235.9842	DEKALB DKC49-29RIB	GENSSRIB	Poncho 250	35000	—	Roundup WeatherMax TripleFLEX	—	160/120/0	John Deere DB60 John Deere S680
Jamie Gorder Wahpeton, ND	227.2695	Pioneer P9917	CONV	Poncho 250	39000	—	—	—	300/200/200	John Deere 1710 John Deere 9770
NEBRASKA										
Marlon Hennig Bancroft, NE	298.5650	Pioneer P2088AM	AM/LL/RR2	PPST 250 + Raxil	30500	—	Corvus Atrazine 4L Abundit Extra	—	190/50/30	Case IH 1240 Split-Row Pivot-Transport Early Riser Case IH 6088
Corn Valley Farms Louisville, NE	291.3725	Pioneer P1498HR	HX1/LL/ RR2/AQ	Poncho 250	32000	—	—	—	360/200/100	John Deere 1770 John Deere 9770
David Jordan Talmage, NE	268.1978	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 250	34000	—	Corvus Roundup	—	300/100/50	John Deere 1770 Case IH 7120
NEW JERSEY										
Sam Santini Stewartsville, NJ	283.3194	Pioneer P1319HR	HX1/LL/RR2	Poncho 1250	38000	Capture 1.15 G	Prowl H2O Guardsman Max	—	100/50/50	John Deere 1790 John Deere S660
T R Meyer Farms Pittstown, NJ	263.3455	Pioneer P1184AMX	AMX/LL/RR2	Poncho 250	32000	Capture LFR	Guardsman Max	—	200/60/90	John Deere 1770NT John Deere S660
Sharon Santini Phillipsburg, NJ	251.3403	Pioneer P1105YHR	YGCB/HX1/ LL/RR2	Poncho 1250	36000	—	Calvary, Prowl Roundup, Guardsman	—	0/0/0	John Deere 1790 CCS John Deere S660
NEW YORK										
Henry Everman Dansville, NY	293.9823	DEKALB DKC63-42	VT3	None	35000	—	—	—	350/90/60	John Deere 1770NT John Deere 9770 STS
JA-RY Properties Pavilion, NY	293.4826	DEKALB DKC57-67	GENSTX	Acceleron+ Poncho 250	34500	—	Yukon Roundup O-Max	—	230/70/170	John Deere 1770NT John Deere 9670 STS
Swede Farms LLC Pavilion, NY	289.5896	DEKALB DKC62-08RIB	GENSSRIB	Acceleron+ Poncho 500	34500	—	Bicep II Magnum Roundup O-Max	—	220/70/170	John Deere 1770NT John Deere 9670 STS
OKLAHOMA										
Gayla Ledbetter Okmulgee, OK	214.8723	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 250	24000	—	—	—	140/45/50	John Deere 1770NT John Deere 9770 STS
Wayne Sloan Gore, OK	172.5475	Pioneer P1395R	RR2	Amplify D+ Poncho 1250	28000	—	Atrazine+Calisto	Headline SC	150/60/60	John Deere 1770 NT CCS John Deere 9670 STS
Steve Sloan Gore, OK	156.9055	Pioneer P0876HR	HX1/LL/ RR2/AQ	Amplify D+ Poncho 1250	24000	—	Atrazine Callistro+Roundup	Headline	125/50/50	John Deere 1770 NT CCS John Deere 9670 STS
PENNSYLVANIA										
Anthony Bombgardner Lebanon, PA	268.1286	DEKALB DKC58-83	GENVT3P	None	34110	—	—	—	220/40/60	John Deere 1770NT John Deere S670
Glen Krall Lebanon, PA	263.1594	Pioneer P1319HR	HX1/LL/RR2	Poncho 1250	33000	—	—	—	100/0/0	Kinze 3500 Gleaner R65
Linda Krall Lebanon, PA	261.2140	Pioneer P1498HR	HX1/LL/ RR2/AQ	Poncho 1250	34500	—	—	—	100/0/0	Kinze 3500 Gleaner R65

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A NON-IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
SOUTH CAROLINA										
William Thomas Cades, SC	286.7550	Pioneer P1745BVT	AVBL/CB/ LL/GT	Poncho 250	36000	—	Atrazine 4L Roundup PowerMax	—	300/112/82	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670
Blake McIntyre Marion, SC	215.6811	Pioneer P1690HR	HX1/LL/RR2	Poncho 1250, Votiv	34000	—	Intrro, Steadfast Atrazine	Headline AMP	240/86/140	John Deere 1760NT MaxEmerge XP Case IH 2388
SOUTH DAKOTA										
Jeffery Fliehs Groton, SD	264.1750	DEKALB DKC48-12 RIB	GENSTX/RIB	Poncho+Vitivo 500	33000	—	Harness Xtra Roundup WeatherMax Banvel, Calss Act NG	—	214/230/0	Case IH 1265 John Deere S680
Kroupa Pukwana Cattle Pukwana, SD	262.7299	DEKALB DKC62-97	GENVT3P	Poncho 250	31400	—	Roundup Keystone	—	172/25/0	John Deere 1730 John Deere 9770
Greg Van Zanten Colton, SD	249.1419	DEKALB DKC53-56	GENSTX/RIB	Poncho 250	34000	—	—	—	170/30/0	Case IH 955 Case IH 2388
TENNESSEE										
Kenneth Barnes Union City, TN	290.1682	DEKALB DKC69-29	GENVT3P	Acceleron+ Poncho 250	34000	Tundra	Atrazine 4L Roundup PowerMax Sterling Blue, Degree Xtra	—	320/150/200	John Deere 7200 Case IH 8230
Sharon Barnes Union City, TN	271.5553	DEKALB DKC69-29	GENVT3P	Acceleron+ Poncho 250	34000	Tundra	Atrazine 4L Roundup PowerMax Sterling Blue, Degree Xtra	—	320/150/200	John Deere 7200 Case IH 8230
Elwin Tanner Union City, TN	271.4286	Pioneer P2088HR	HX1/LL/RR2	Poncho 250	32000	Capture LFR	Roundup Degree	Quilt Xcel	300/100/120	John Deere 1770 Case IH 7120
TEXAS										
Iowa Family Farms DeKalb, TX	217.8898	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 1250	33000	—	Halex GT	—	200/50/50	John Deere 1770NT CCS ProXP John Deere S690
Lesa Kautz Arthur City, TX	194.1198	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 1250	29500	—	Roundup Atrazine	—	250/40/0	Kinze 1600 John Deere 9570
Todd Kimbrell, Jr. Itasca, TX	173.0176	DEKALB DKC64-69	GENVT3P	Poncho 250	24500	—	Sequence Roundup PowerMax	—	143/75/37	John Deere 1770NT Claas Lexion 760
UTAH										
Bart Pali Brigham City, UT	99.5807	DEKALB DKC52-59	VT3	Poncho 250	25000	—	Roundup	—	225/90/0	Case IH 1200 Case IH 8010
VIRGINIA										
Greg Jenkins Bena, VA	244.5463	Pioneer P2088HR	HX1/LL/RR2	Poncho 250	40000	—	—	—	400/40/150	Kinze 3650 John Deere 9650 STS
Robert Newcomb Hanover, VA	243.4037	Pioneer P1319HR	HX1/LL/RR2	Poncho 1250	28400	Tombstone	Lumax Simazat	Quilt Xcel	200/30/200	John Deere 1770 Case IH 8230
Ronnie Russell Water View, VA	222.7345	Pioneer P0912HR	HX1/LL/RR2	Poncho 250	29000	—	—	—	175/50/110	John Deere Custom Made John Deere 9500
VERMONT										
Vern-Mont Farm LLC Vernon, VT	223.0431	Pioneer P0993AM1	AM1/LL/RR2	Poncho 250	36000	—	Lexar Touchdown Total	—	200/0/100	Kinze 3500 Case IH 1460
WEST VIRGINIA										
Chris Miltenberger Farms #6, Keyser, WV	276.6596	Pioneer P1615HR	HX1/LL/RR2	Amplify D, Poncho 1250/Votivo	32000	—	Harmony, Resolve Q 2, 4-D, Glysphos Xtra Banvel	—	228/8/2	Kinze 3600 John Deere 9670 STS
Miltenberger Farms Keyser, WV	261.3030	Pioneer P2088AM	AM/LL/RR2	Amplify D, Poncho 1250/Votivo	34000	Warrior	Harmony, Resolve Q 2, 4-D, Banvel Glysphos Xtra	Headline AMP	128/8/2	Kinze 3600 John Deere 9670 STS
Miltenberger Farms 3 Keyser, WV	246.1367	Pioneer P1690HR	HX1/LL/RR2	Amplify D, Poncho 1250/Votivo	32500	Warrior	Harmony, Resolve Q 2, 4-D, Banvel Glysphos Xtra	Headline AMP Stratego YLD	128/8/2	Kinze 3600 John Deere 9670 STS
WYOMING										
Hardrock Farms, Inc. Wheatland, WY	40.9206	Pioneer P8954AM1	AM1/LL/ RR2/AQ	Amplify D+ Poncho 1250	18150	—	Roundup PowerMax Status	—	100/100/50	John Deere 1720 MaxEmerge XP John Deere 9500

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NATIONAL CORN YIELD CONTEST

NATIONAL CORN GROWERS ASSOCIATION

First Place

PHOTO: DAVE CHARRUIN

KEVIN KALB

Dubois, IN

374.6210 bu./acre
DeKalb DKC62-08
Population: 38,000
Harvester: Case IH 8230

SUPERVISORS:
Preston Weisheit: Ag Loan Officer, First Financial Bank
Aaron M. Morris: Crop Insurance Marketing Manager, Rabo AgriFinance
Bryce Taylor: Relationship Manager, Rabo AgriFinance

Kevin Kalb's winning yield in this class was more than 50 bushels higher than his previous personal best and topped all entrants in the contest's non-irrigated categories.

Kalb planted his contest field on April 6, three days before a long stretch of rainy weather. "An entire month went by before we could get back into the fields again to finish up planting," he says.

After the rainy spell ended, the weather turned grower-friendly. "It turned out to be one of the coolest and wettest summers we've ever had," Kalb says. "We only had three days where the temperatures hit 90 degrees and that was in early June."

Several new practices he adopted this year were pivotal. At planting, he applied 5 gal. per acre of Conklin's 2-19-15-2 starter. "We used to think that with the manure we were applying every year, we had plenty of nitrogen out there to carry the crop through," Kalb says. "But we were probably missing out on some bushels. If we hadn't used the starter this year, we would have lost some plants early when we had all that rain."

When the corn was knee-high, he applied 2 lbs. per acre of granulated sugar, a practice he learned about from Missouri grower Charles Hinkebein. "My grandfather used to throw handfuls of sugar out into the garden. It gives the plant a little boost of energy and helps on insect pressure too."

As impressive as this year's contest yield was, Kalb is already looking ahead. His goal: 400 bu. per acre. "With the help we get from our agronomist Matt Parmer and our seed dealer Blake Kalb (both with DeKalb), I have no doubts that it's an attainable goal."

Flying on two applications of fungicide is one of the practices he's considering this year. In 2013, he made just one application of Stratego, when the corn was approaching brown silk. "You want that stalk as healthy as healthy can be," he says. "A second application, timed right, could help things along."

Kalb is also considering a switch from 30-inch to 20-inch rows. "It would give us better spacing in between stalks and allow a little more sunlight to hit the corn plant. That could be a big help with higher planting populations."

Management Matters

- Use a starter fertilizer to give plants an early boost.
- Don't discount sugar as a possible plant energy source.
- Strive to keep the plant "as healthy as healthy can be."

Second Place

JIM HERRING

Harpster, OH
366.8575 bu./acre
DeKalb DKC62-97
Population: 38,000
Harvester: John Deere 9660 STS

SUPERVISORS:
Bill Clinger: Technician, SWCD-Retired
David Mason: Ag Business Instructor, Wyandot School

Jim Herring credits an "exceptionally wet" growing-season for his second place finish. "It was the exact opposite of what we had a year ago in that there was no lack of moisture," says Jim, whose brother Phil captured third place in this same category. "We're convinced all the rain we had added almost 100 bushels to our yields."

Fertility was a major emphasis point. Herring applied around 330 total units of nitrogen in four applications during the course of the season. "We wanted to keep the applications spaced out a bit to make sure the crop was getting what it needed," he notes.

An application of Headline fungicide when the corn was at the V5 stage was especially important. "We've used it in the past and are convinced it really makes a difference and gives you a yield advantage," explains Herring. "We actually thought about flying on another application later in the season, but all of the rain kept us from getting it done."

Third Place

PHIL HERRING

Harpster, OH
361.1969 bu./acre
DeKalb DKC62-97
Population: 38,000
Harvester: John Deere 9660 STS

SUPERVISORS:
Bill Clinger: Technician, SWCD-Retired
David Mason: Ag Business Instructor, Wyandot School

Phil Herring survived a mid-season weather scare on his way to securing a third-place finish in this category. In July, when the corn was about 12 feet tall, his contest field flooded. "It was under several feet of water for about four days," he says. "We were concerned that we might not have any kind of entry in the contest at all."

Good drainage on the river bottom contest field, planted to soybeans the year before, may have made the difference. "You can't grow 300-plus-bushel corn on marginal ground. This is good soil with a gravel base and lots of sediment from many years," he says. "We do grid-sampling to keep it built up and make sure that whatever is planted there has the nutrients it needs to do well."

The hybrid Herring selected this year matched up well with the soil. "It's the second year we've used it," he says. "Overall, it's an excellent corn. It has an unbelievable top end to it, and it does really well on better ground."

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
AA NON-IRRIGATED										
IOWA										
Trumm Farms, Inc. Cascade, IA	301.7539	LG Seeds LG5618	STXRIB	Poncho +VOTiVO	35500	—	SureStart Durango	—	240/0/100	John Deere 1770NT John Deere 9770
Chris Lindner Keokuk, IA	289.2240	FS InVISION Seed FS 63SV4 RIB	RIB GENVT3P	Acceleron+ Poncho 250	40000	Warrior II	Lexar	—	250/0/0	White 6122 John Deere 9770 STS
Terry Neville Kiron, IA	288.1503	DEKALB DKC62-97	GENVT3P	Acceleron 250	35000	Nufos	SureStart Roundup PowerMax	Headline AMP	275/50/60	Kinze 3600 John Deere S670
ILLINOIS										
Dan Arkels Peru, IL	319.7705	Pioneer P1215AM1	AM1/LL/RR2	Poncho 1250 +VOTiVO	38000	—	—	—	300/300/250	John Deere 1770 John Deere S680
Heaton Farms Ohio, IL	294.3341	Pioneer P1360HR	HX1/LL/RR2	Poncho 1250	34000	Force	Lexar	—	200/225/225	John Deere 1770 John Deere S660
Marc Melton Prophetstown, IL	293.3551	Pioneer P1221AMX	AMX/LL/RR2	Poncho 1250 +VOTiVO	35000	Aztec 4.67 G	Breakfast ATZ Abundit, Realm Q	Approach	270/7/1	Case IH 1250 Front-Fold Early Riser Case IH 2588
INDIANA										
Kevin Kalb Dubois, IN	374.6210	DEKALB DKC62-08	GENSS	Acceleron	36000	Capture	Harness Xtra Roundup PowerMax Landis	Headline AMP Stratego	275/0/0	Case IH 1250 Case IH 8230
Wally Linneweber Vincennes, IN	330.7191	Beck's 6543 HR	HX1/LL/RR2	Poncho 1250	32000	—	Corvus, Atrazine 4L Roundup PowerMax	—	150/50/50	John Deere 1790 John Deere 9660 STS
Robert Little Hebron, IN	305.6469	Pioneer P1498HR	HX1/LL/ RR2/AQ	Poncho 1250 +VOTiVO	38000	Defcon	Gramoxone Inteon Cinch ATZ, Status Buccaneer Plus	Headline AMP Approach	309/54/18	John Deere 7200 Case IH 5130
MINNESOTA										
Jason Hall Blue Earth, MN	281.3219	DEKALB DKC57-75RIB	GENSSRIB	None	38500	Capture LFR	Triple FLEX	—	240/250/200	John Deere 1760 Conservation John Deere 9670
Gary & Jim Sobeck Winona, MN	276.8422	DEKALB DKC62-97RIB	GENVT3PRIB	Poncho 1250	34000	—	Halex GT, Class Act Northstar	—	200/48/160	Kinze 3600 Case IH 5088
Schroeder Brothers Elgin, MN	273.3102	DEKALB DKC53-56RIB	GENSSRIB	Poncho 500	34500	—	—	—	220/30/120	John Deere 1770 John Deere 9670 STS
MISSOURI										
Broken Arrow Farm Marshall, MO	318.9365	DEKALB DKC64-69	GENVT3P	Acceleron 250	35000	—	Halex GT Hero	Headline	350/200/200	John Deere 1770 John Deere 9870 STS
Adrian Cox Trenton, MO	311.8400	DEKALB DKC64-69	GENVT3P	Acceleron	36000	Fastac	Atrazine Degree Xtra	—	260/80/120	Kinze 3600 Case IH 2388
Cox Farms Delta, MO	307.6934	Pioneer P1690HR	HX1/LL/RR2	Amplify+Cruiser	32000	—	—	—	320/100/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670
OHIO										
Jim Herring Harpster, OH	366.8575	DEKALB DKC62-97	GENVT3P	Cruiser Extreme 250	33500	—	Guardsman Max Roundup PowerMax Interlock, Class Act	Headline	340/90/120	John Deere 1790 John Deere 9660
Phil Herring Harpster, OH	361.1969	DEKALB DKC62-97	GENVT3P	Cruiser Extreme 250	33000	—	Guardsman Max Roundup PowerMax Interlock, Class Act	Headline	340/90/120	John Deere 1790 John Deere 9660
Julie Herring Harpster, OH	326.8292	DEKALB DKC63-45	RR2	Poncho 250	33000	—	—	—	340/90/120	John Deere 1790 John Deere 9660
WISCONSIN										
Betty Steiger Bloomington, WI	322.2988	DEKALB DKC62-08RIB	GENSSRIB	Acceleron 500	42500	—	Harness Hornet	—	270/109/129	John Deere 1760 Conservation John Deere 9660 STS
Oak Valley Farms Bloomington, WI	312.0906	DEKALB DKC62-97	GENVT3P	Acceleron 500	42000	—	Harness Hornet	—	270/109/129	John Deere 1760 Conservation John Deere 9660 STS
Gary Budden Cuba City, WI	299.6970	Pioneer P0987AM1	AM1/LL/RR2	Poncho 1250	35000	—	Aatrex+Atrazine Roundup	—	0/0/0	Monosem Other John Deere 9410

First Place

PHOTO: MIKE BOYATT

CRAIG HULA
Charles City, VA

332.7937 bu./acre
DeKalb DKC66-40RIB
Population: 40,000
Harvester: John Deere S670

SUPERVISORS:
Robert E. Lund Jr.: District Director, SWCD
Phil Hickman: Marketing Specialist, Virginia Dept. of Ag & Consumer Services
Brian Noyes: District Manager, SWCD

Not only did Craig Hula match his 2012 contest performance by repeating as the top-finisher in this class, his dad, David, captured first-place honors in the No-Till/Strip-Till Irrigated Class with a new world record yield of just under 455 bu. per acre. For good measure, Craig's uncle, Johnny Hula, captured second place in that class with a yield of 421 bu. per acre.

But even with those impressive accomplishments, it may be the weather that Craig remembers most when he looks back at 2013. Conditions were "nearly ideal" when he planted his contest field in mid-April. But when the corn was at the two-leaf stage, a gully-washer dropped 8 inches of rain in a half-day's time. A month later, when the corn was at four-leaf, another storm produced 9¼ inches in a 24-hour period. "We tell people we basically had two hurricane-type events this summer, but without any wind," he says.

The Hula's ended up replanting many fields twice. "Our contest field, though, was on higher ground with very good drainage. It came through in pretty good shape," he says.

With the exception of those two rainfalls, the weather was favorable. "We had a cooler than normal summer, and we got timely rains. In July, it rained just about every day. It was like having irrigation out there in the field. And in August, it was sunny and dry, just the way you like to see it," he adds.

Hula was surprised how well the corn did despite the cloudy weather. His end of the year weather summary showed 60 percent cloud cover during the growing season. "That's two to three times what we normally have," he points out. "It shows that if you're diligent in taking care of soil health over time and have a good fertility regimen, the corn will be able to utilize whatever sunlight it ends up getting."

The performance of his contest hybrid was also a plus, Hula says. "It was introduced to us as a variety with good yield potential in dry conditions. It's a vigorous variety that does well in the kind of minimum till or no-till environment that we've established here and the kind of weather conditions we had."

Management Matters

- Keep soils healthy to compensate for sunlight shortcomings.
- Emphasize timing to get the most from applied nutrients.
- Match genetics to growing environment.

Second Place

GARY SWEDE FARMS, INC. (RYAN)
Pavilion, NY

322.1437 bu./acre
DeKalb DKC63-42
Population: 37,000
Harvester: John Deere 9670 STS

SUPERVISORS:
Dean R. Pendergast: County Executive Director, USDA FSA
Paul M. Webster: Vice-President, Farm Credit East ACA
David L. Thorp: Sr. Extension Resource Educator, Cornell University Cooperative Extension

As harvest approached, Ryan Swede had an inkling yields on his corn contest field would be better than average. Even so, when final results were tallied, he admits to being more than a bit surprised. "We had no idea it would be quite that good," says Swede.

Weather was a key factor. "The spring was wet, almost too wet at times," he says. "But once we got into the summer, things got better. It was warm, and we had some timely rains. "

A week ahead of his mid-April planting date, Swede ran a zone builder over his contest ground. "It has worked well for us. We're not getting as much compaction, and it's led to better soil health overall."

Participating in the contest yields many benefits, he says. "It gives us an idea of how we're doing compared to other growers. And it gives us an incentive to try some new and different things that we might not try otherwise."

Third Place

HARRISON RIGDON
Jarrettsville, MD

296.5488 bu./acre
Pioneer P1339XR
Population: 36,000
Harvester: John Deere 9670 STS

SUPERVISORS:
Patricia Ann Hoopes: Nutrient Management Advisor, University of Maryland Extension
Sara Meagher BhaduriHauck: Extension Assistant for Ag, University of Maryland Extension

Placing in the national corn yield contest is now officially family tradition for the Rigdons. Harrison's father, John, captured third place in this same category two years ago.

Rigdon put a 9-18-9 starter fertilizer into the row along with the seed kernels. "We've been doing it for several years," he says. "If you get cool weather at planting, it takes some of the stress off the corn."

Along with the starter, he also put Amplify-D on the seed and Fertiactyl GZ, Capture LFR and 4 oz. of Headline into the furrow. "We've used a fungicide before at around V5, but this is the first time we've put one at planting," he says. "We wanted to see if it would keep the plants healthier until we could come back in with another, later application."

Coupled with cooperation from Mother Nature in the form of plentiful rainfall, Rigdon's attention to the front-end of the cropping year paid dividends. "The corn got off to a great start and never looked back. We were blessed."

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

A NO-TILL/STRIP-TILL NON-IRRIGATED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
ALABAMA										
Michael Dahlke Cullman, AL	247.8345	Seed Consultants SCS 11HQ31	HXX/RR2	Poncho 1250+VOTiVO	34000	—	2, 4-D Ester Roundup, Attrex	Stratego	240/90/90	John Deere 7300 Gleaner R42
Jessie Hobbs Elkmont, AL	244.0723	DEKALB DKC63-87	GENVT2P	Poncho 250	30000	—	—	—	50/50/50	John Deere 1790 John Deere 9770
John DeLoach Vincent, AL	230.2430	Pioneer P1184YHR	YGCB/HX1/ LL/RR2	Cruiser Extreme 250	27000	—	Atrazine Roundup PowerMax	—	180/0/0	John Deere 1710 John Deere 9500
ARKANSAS										
Gavin Sullivan Burdette, AR	267.6934	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser+ Poncho 250	34000	—	Roundup Dual II Magnum	—	220/50/30	John Deere 1720 CCS Stack-Fold John Deere S680
Scott Williamson Eads, TN	255.2392	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser	30000	—	—	—	235/60/60	Kinze 3600 John Deere 9770
COLORADO										
M.W. Miller Farms Holyoke, CO	120.1034	DEKALB DKC52-62	RR2	Poncho 250	13500	—	RT3, Halex GT, Gly	—	80/45/0	John Deere 1760 Case IH 8120
Harry Brinkema Holyoke, CO	109.8820	Pioneer 35F37	RR2	Cruiser 250	15000	—	Roundup+Status	—	70/30/30	John Deere 1720 MaxEmerge XP John Deere S670
Steve Millage Holyoke, CO	99.7732	Pioneer P9690R	RR2/AQ	Poncho 250	13000	Capture	Parrallel, Atrazine Roundup PowerMax Resolve	—	90/20/0	Case IH 1250 Case IH 7088
CONNECTICUT										
Cohen Farms (Sanford) Ellington, CT	252.9033	Pioneer P1184AM	AM/LL/RR2	PPST 250	32000	—	—	—	260/60/150	John Deere 1750 Gleaner M2
DELAWARE										
Christopher Wyatt Harrington, DE	250.6561	Pioneer P1319HR	HX1/LL/RR2	PPST 250	29000	—	—	—	185/17/50	Kinze 3500 John Deere 9510
FLORIDA										
Roy J Classen Walnut Hill, FL	219.9737	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Avicta Complete Corn	27000	—	Atrazine Roundup	—	215/130/130	John Deere 7000 John Deere 9600
M C McLeod Farms Valdosta, GA	197.6002	Pioneer P1389HR	HX1/LL/RR2	Poncho 250	23430	Counter 20 CR Bifenthrin	Glyfos, Valor Expert	Headline Headline AMP	180/50/210	Monosem NG Plus John Deere 9500
GEORGIA										
Stacy Gray Summerville, GA	269.2446	Pioneer P1319HR	HX1/LL/RR2	None	27000	—	—	—	150/200/200	Kinze 3500 John Deere 9610
Millican Farms Chickamauga, GA	238.6582	Pioneer 35K03	HX1/LL/RR2	None	32000	—	Charger Max	—	250/100/150	White 8816 Gleaner S77
Jerry Smith Dawsonville, GA	200.3343	DEKALB DKC64-69	GENVT3P	Latitude	28500	—	—	—	350/80/150	John Deere 7000 John Deere 6620
KANSAS										
Jeff Koelzer Onaga, KS	293.2033	DEKALB DKC63-33RIB	GENSSRIB	Acceleron	36000	—	Degree Xtra Roundup WeatherMax	Headline	372/104/60	Case IH 1250 Front-Fold Early Riser Case IH 7088
Clem Koelzer Onaga, KS	268.5546	DEKALB DKC62-98RIB	GENVT2PRIB	Acceleron	35000	—	Degree Xtra Roundup WeatherMax	Headline	372/104/60	Case IH 1250 Front-Fold Early Riser Case IH 7088
Henry Farms, Inc. Robinson, KS	248.0049	Pioneer P1395HR	HX1/LL/RR2	Poncho 1250	30000	—	Atrazine, Roundup 2, 4-D, Lexar	Headline Headline AMP	175/50/40	Case IH 1250 Front-Fold Claas Lexion 740
KENTUCKY										
Castlen Bros Farm Owensboro, KY	295.9954	Pioneer P1602YHR	YGCB/HX1/ LL/RR2	Poncho 250	33000	—	—	—	204/0/0	John Deere 1770NT John Deere S680
Jerry Griffith Mayfield, KY	295.5049	DEKALB DKC65-19	GENVT3P	Poncho 250	34000	—	LV4, Degree Xtra Atrazine 90 WDG Roundup PowerMax	—	250/200/200	Kinze 3600TR Claas Lexion 740
Mary & Debbie Farms Owensboro, KY	284.2390	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 250	33000	—	—	—	204/0/0	John Deere 1770NT John Deere S680
LOUISIANA										
Carra Moroni Winnsboro, LA	262.9782	Pioneer P1319HR	HX1/LL/RR2	Cruiser 1250	28000	—	—	—	250/60/60	John Deere 1700 John Deere S670

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
A NO-TILL/STRIP-TILL NON-IRRIGATED – CONTINUED										
Danny Schexnayder Erwinville, LA	259.5669	Pioneer P1690R	RR2	Cruiser 250	33000	Permethrin	Atrazine 90 WDG 2, 4-D Amine 4 Touchdown Total ME-Too Lachlor	—	200/60/60	John Deere 1700 MaxEmergePlus John Deere S680
Donald Schexnayder Erwinville, LA	236.4805	DEKALB DKC64-69	GENVT3P	Poncho 250	33000	Capture 2 EC	Roundup Original 2, 4-D, Atrazine Me-Too Lachlor	—	200/60/60	John Deere 1700 MaxEmerge XP John Deere S680
MASSACHUSETTS										
Greg Zgrodnik Hatfield, MA	288.3773	DEKALB DKC58-83	GENVT3P	None	35000	—	Lumax Glystar Plus	—	250/12/250	John Deere 1750 Case IH 7010
Elisa Kosinski Westfield, MA	231.1648	Pioneer P0216HR	HX1/LL/RR2	Amplify D+Poncho 250	37000	—	Makaze Lexar	—	260/25/100	Kinze 2500 Case IH 2366
MARYLAND										
Harrison Rigdon Jarrettsville, MD	296.5488	Pioneer P1339XR	HXX/RR2	Amplify D+Poncho 250	35000 Helios	Tombstone Extra	Gramoxone Corvus, 2, 4-D Atrazine, Yukon Roundup	Headline AMP	250/180/200	John Deere 1770NT CCS ProXP John Deere 9670
Pro-Farm Services Queenstown, MD	266.4787	Seed Consultants SCS 1131 AMR	AMR	Vitivo 1250	32500	Tombstone Helios Capture LFR	Gramoxone SL 2.0 Sharpen, Princep 4L Harness Xtra 5.6L	Headline AMP	210/20/75	Kinze 3500 John Deere 9610
Lippy Brothers Farms Hampstead, MD	257.2473	Pioneer P2088AM	AM/LL/RR2	Poncho 250	32300	S-Fenvelostar	Gramoxone Atrazine 4L Solve, 2 4-D Verdict, Status Touchdown Total	—	265/0/0	John Deere 1770 Case IH 9230
MAINE										
Herbert York Farmington, ME	214.6519	Pioneer 39B22	CONV	None	32400	Force 3G	Lumax Atrazine	—	0/0/0	John Deere 7000 Case IH 1460
Linwood York Farmington, ME	200.2351	Pioneer 39B22	CONV	None	32400	Smart Choice 5G	Atrazine Lumax	—	0/0/0	John Deere 7000 Case IH 1460
Sandy River Farms Farmington, ME	189.7181	Pioneer 39B22	CONV	None	30900	—	Atrazine Lumax	—	0/0/0	John Deere 7000 Case IH 1460
MICHIGAN										
David Eickholt Chesaning, MI	290.2019	Pioneer P0216HR	HX1/LL/RR2	Poncho 250	37700	—	Roundup PowerMax	—	250/104/300	John Deere 1790 CCS John Deere 9670 STS
Jay Ferguson Brown City, MI	264.4321	Pioneer P0216HR	HX1/LL/RR2	Poncho 250	38000	—	Bicep Glyphosate	—	240/46/180	Kinze 3600 Case IH 9230
Alvin Ferguson Allenton, MI	260.8610	Pioneer P0094AMX	AMX/LL/RR2	Poncho 250	36000	—	Bicep Glyphosate	—	220/50/150	Kinze 3600 Case IH 9230
MISSISSIPPI										
Carol Hunter Glen Allan, MS	240.7915	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 250	30000	—	—	—	300/0/0	John Deere 7300 John Deere 9760 STS
Philip Good Macon, MS	221.9816	DEKALB DKC64-69	GENVT3P	Poncho 500	28000	—	Atrazine 4L Halex GT	—	220/0/0	John Deere 1720 MaxEmerge XP John Deere 9770
Graber Farms Brooksville, MS	199.1513	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Avicta	28500	—	Roundup Atrazine	—	210/0/0	John Deere 1700 John Deere S670
MONTANA										
Auer Land Broadview, MT	68.7655	Pioneer P7443R	RR2	Poncho 250	11500	—	Roundup	—	50/15/0	John Deere 7100 Rigid Frame MaxEmerge, John Deere 9770
Joseph Icopini Hysham, MT	62.9584	Pioneer 39D95	RR2	Raxil	14000	—	Roundup O-Max	—	80/40/0	Monosem NG Plus Case IH 8230
Justin Hein Worden, MT	61.7850	Garst 89A33	AS3000GT	Cruiser 250	13000	—	Roundup Status	—	120/25/0	John Deere 1720 CCS Stack-Fold Case IH 2188
NORTH CAROLINA										
Ed Wood Andrews, NC	269.3942	DEKALB DKC66-96	GENVT3P	Poncho 1250	29000	—	Asana XL, Trizmet II Dicamba, Parazome 2, 4-D Amine 4	—	120/13/0	John Deere 1780 Drawn Rigid Gleaner R52

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

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
David Temple Camden, NC	266.8107	Dyna-Gro D57VP51	GENVT3P	Poncho 1250	39000	—	Roundup PowerMax Zidua, Atrazine	Priaxor Headline AMP	293/127/150	John Deere 1710 John Deere 9660
Isaac Boerema Pantego, NC	254.9005	Pioneer P1184	CONV	None	40000	—	—	—	250/45/60	John Deere DB44 Case IH 8120
NORTH DAKOTA										
Frauenberg Farms #1 LaMoure, ND	260.7080	DEKALB DKC42-72	VT3	Poncho 250	35500	—	—	—	250/75/60	Case IH 1250 Case IH 9120
Bobby Frauenberg Lamoure, ND	259.9150	DEKALB DKC43-48	GENVT3P	Poncho 250	35500	—	—	—	250/75/60	Case IH 1250 Case IH 9120
Chase Carlson Oakes, ND	235.8275	DEKALB DKC46-20RIB	GENVT3PRIB	None	34000	—	SureStart	—	130/50/30	Case IH 1250 Front-Fold Early Riser Case IH 2588
NEBRASKA										
Gerald Steffensmeier Howells, NE	292.1857	DEKALB DKC62-97	GENVT3P	Poncho 500	28000	—	Keystone LA Aim	—	150/50/20	John Deere 1760 John Deere 9670
Blane Anthony Brock, NE	285.3666	DEKALB DKC67-58	GENVT2P	Poncho 250	34000	—	Corvus Roundup	—	300/100/50	John Deere 1770 Case IH 7120
Idol Brothers Hiawatha, NE	271.4871	Pioneer P1498HR	HX1/LL/ RR2/AQ	Poncho 1250	33000	—	Atrazine Roundup	—	0/0/0	John Deere 1790 CCS John Deere 9770
NEW HAMPSHIRE										
Mary E Llewelyn Northfield, MA	166.0451	Pioneer P0210AM	AM/LL/ RR2/AQ	Poncho 250	35000	—	Guardsmas Max Prowl H2O	—	175/14/175	John Deere 7200 John Deere 9500
NEW JERSEY										
Chris Santini Stewartsville, NJ	274.8715	DEKALB DKC61-88RIB	GENVT3PRIB	Acceleron	38000	Capture	Guardsman Max Prowl H2O	—	100/50/50	John Deere 1790 CCS John Deere S660
Jeffrey Barlieb Stewartsville, NJ	249.3983	DEKALB DKC63-33RIB	GENSSRIB	Acceleron	38000	Capture	Guardsman Max Prowl H2O	—	90/0/0	John Deere 1790 CCS John Deere S660
T R Meyer Farms Pittstown, NJ	247.4444	Pioneer P1319HR	HX1/LL/RR2	Poncho 250	34000	Calvary Capture LFR	Guardsman Max Roundup Max	Headline	200/60/90	John Deere 1770NT John Deere S660
NEW YORK										
Gary Swede Farms, Inc. (Ryan) Pavilion, NY	322.1437	DEKALB DKC63-42	VT3	Acceleron+ Poncho 250	34500	—	Bicep II Magnum Roundup O-Max	—	230/70/170	John Deere 1770NT John Deere 9670 STS
Gary Swede Farms, Inc. (Jason) Pavilion, NY	295.9256	DEKALB DKC64-69	GENVT3P	Acceleron+ Poncho 250	35500	—	Bicep II Magnum Roundup O-Max	—	220/70/170	John Deere 1770NT John Deere 9670 STS
Gary Swede Farms, Inc. (Katharine) Pavilion, NY	286.2680	DEKALB DKC57-75RIB	GENSSRIB	Acceleron+ Poncho 500	34500	—	Yukon Roundup O-Max	—	210/70/160	John Deere 1770NT John Deere 9670 STS
OKLAHOMA										
Scotty Herriman S Coffeyville, OK	222.9866	DEKALB DKC64-69	GENVT3P	Poncho 250	30831	—	Atrazine 90 DF	—	190/41/20	Kinze 3650 John Deere 9500
Cody Sloan Gore, OK	210.8846	Pioneer P2023HR	HX1/LL/RR2	Amplify D+ Poncho 1250	31000	Warrior	Status Atrazine	Headline	185/50/50	John Deere 1770 NT CCS John Deere 9670 STS
Ritchie Farms, LLC Garvin, OK	111.0009	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 1250	38500	—	Atrazine Roundup	—	160/0/0	John Deere 7000 Case IH 1680
PENNSYLVANIA										
Clifford Charles Lancaster, PA	280.5635	DEKALB DKC63-33RIB	GENSSRIB	None	38000	Warrior II	Halex GT Brawl II ATZ Touchdown Total	—	200/0/0	Kinze 3600V Case IH 7088
Shaffer Grain & Hay Lake Ariel, PA	273.6972	Pioneer P0987	CONV	Cruiser	32000	—	Roundup+ Mad Dog	—	200/60/90	Kinze 2600 John Deere 9560 STS
Kyle Henninger Breinigsville, PA	273.5391	DEKALB DKC64-69	GENVT3P	Poncho 250/ Delta Ag Seed Coat	32000	Force 3G Mustang	Atrazine, Keyston Balance Flexx Roundup PowerMax	—	160/50/160	John Deere 1770NT John Deere 9570
SOUTH CAROLINA										
Daniel Gause Scranton, SC	287.3452	Pioneer P1745BVT	AVBL/CB/ LL/GT	Poncho 250	32500	—	Atrazine 4L Roundup PowerMax	—	300/112/82	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere S670

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

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
Joni H Elliott Nichols, SC	233.4545	Pioneer P1690YHR	YGCB/HX1/ LL/RR2	Poncho 250	28000	—	—	—	178/25/50	John Deere MaxEmerge Plus John Deere 9670
Cliff Barron Johnsonville, SC	225.8626	DEKALB DKC66-97	GENVT2P	Acceleron	28500	—	Touchdown Total Leadoff, Atrazine 4L Bicep II Magnum FC	—	240/253/0	John Deere 1700 MaxEmerge XP John Deere 9670 STS
SOUTH DAKOTA										
Scott McKee Hawarden, IA	294.9213	Pioneer P1151AM	AM/LL/ RR2/AQ	Poncho 1250	33200	Poncho 1250	Callisto Roundup WeatherMax	Headline	0/0/0	Case IH 955 Case IH 1660
Dwight Fickbohm Akron, IA	270.7174	Pioneer P0876AM	AM/LL/ RR2/AQ	None	37500	—	—	—	200/80/60	John Deere 1770 John Deere S670
Boekelheide & Sons, Inc. Northville, SD	229.9673	DEKALB DKC53-56RIB	GENSSRIB	Poncho 250	32000	—	Rifle Harness Xtra Roundup WeatherMax	—	150/50/10	Case IH 1200 Pivot Claas Lexion 580
TENNESSEE										
Jerry Crews Farms Lawrenceburg, TN	282.0303	DEKALB DKC65-19RIB	GENVT3PRIB	Cruiser	32000	Grizzley	Laudis, Accent Atrazine Cornerstone	Evito Stratego	300/92/120	John Deere DB90 John Deere S680
Paul Neal Henry, TN	274.1845	Pioneer P1319HR	HX1/LL/RR2	Poncho 250	31000	—	—	—	270/110/110	John Deere 7000 Case IH 2366
David Wilson Paris, TN	269.5507	Pioneer P1319HR	HX1/LL/RR2	Cruiser	32000	—	PowerMax, Bicep Dicamba, Atrazine	Headline	220/80/80	Kinze 3600 John Deere 9760
TEXAS										
Toby Kautz Arthur City, TX	222.7866	Pioneer P1498YHR	YGCB/HX1/ LL/RR2/AQ	Poncho 1250	29500	—	Atrazine Roundup	Headline AMP	250/40/0	Kinze 1600 John Deere 9750
VIRGINIA										
Craig Hula Charles City, VA	332.7937	DEKALB DKC66-40RIB	GENSSRIB	Poncho, Pentilex 1250+VOTiVO	36000	—	Sencor, Bicep II Touchdown, Halex	—	320/30/250	John Deere 1770NT John Deere S670
John Black & Sons Charles City, VA	260.3509	Pioneer P1739HR	HX1/LL/RR2	Poncho 1250 +VOTiVO	31000	Tombsont	Halex GT Trizmet II, LL 700 Roundup PowerMax	Quadris Quilt Xcel	160/30/0	John Deere 1790 CCS John Deere S670
Trio Farms Luray, VA	249.3994	DEKALB DKC65-19RIB	GENVT3PRIB	None	28000	Ambush	Roundup, Corvus Atrazine 4L Weedone 650	—	0/0/0	Kinze 2400 Gleaner M3
VERMONT										
Dan King Vernon, VT	227.2190	Pioneer P0216HR	HX1/LL/RR2	Poncho 500	35500	—	Roundup PowerMax Resolve Q	—	250/0/9	Kinze 3500 Case IH 1460
WASHINGTON										
John Aeschliman Colfax, WA	106.4602	Pioneer P7213R	RR2	None	32000	—	Roundup	—	0/0/0	John Deere 7000 Case IH 9120
WEST VIRGINIA										
Bailey Wolpert Hurricane, WV	284.2539	DEKALB DKC63-33RIB	GENSSRIB	Poncho 500	28000	—	StrikeOut, Clarity Weedone LV4 Brawl II ATZ	—	240/50/200	John Deere 1790 CCS John Deere 9560
Miltenberger Farms 4 Keyser, WV	278.4474	Pioneer P2088AM	AM/LL/RR2	Amplify D, Poncho 1250/Votivo	35000	Warrior	Resolve Q 2, 4-D, Harmony Glyphos Xtra Banvel 2	Headline AMP Stratego YLD	128/8/2	Kinze 3600 John Deere 9670 STS
Chris Miltenberger Farms #5 Keyser, WV	253.3995	Pioneer P1319HR	HX1/LL/RR2	Amplify D, Poncho1250/Votivo	35000	Warrior	Resolve Q 2, 4-D, Harmony Glyphos Xtra Banvel 2	Headline AMP Stratego YLD	128/8/2	Kinze 3600 John Deere 9670 STS
WYOMING										
David Hinman Wheatland, WY	60.0794	Pioneer P8954AM1	AM1/LL/ RR2/AQ	Amplify D+Poncho 1250	17140	—	Roundup PowerMax Status	—	100/100/50	John Deere 1720 MaxEmerge XP John Deere 9500
Hardrock Farms No 2 Wheatland, WY	58.9195	DEKALB DKC39-07RIB	GENVT2PRIB D+Poncho	Amplify	16280	—	Roundup PowerMax Status	—	100/100/50	John Deere 1720 MaxEmerge XP John Deere 9500

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First Place

PHOTO: JIM PATRICO

EUGENE STEIGER

Bloomington, WI

315.2033 bu./acre
DeKalb DKC63-33RIB
Population: 43,000
Harvester: John Deere 9660 STS

SUPERVISORS:

Kevin Raisbeck: Ag Loan Officer, First National Bank
Vern Lewison: Vo Ag Instructor, Retired
Mark Eulgem: Vice-President, Badgerland Financial ACA

In the end, 2013's growing-season weather served up more in the way of blessings than curses for Gene Steiger. At several points along the way, he had his doubts. "It started out wet and cold," he relates. "For April, May and June, we had 27 inches of rain."

In mid-summer, the weather turned in the opposite direction. "It was exceptionally dry," he says. "We had only 2.5 inches of rain for July and August. We were starting to get a little nervous by the end of August. Thank God we had all that moisture early on."

Putting down 7 gal. of a 9-18-8 liquid starter fertilizer over the top helped get the crop off to a good start. Steiger also added 4 oz. per acre of Capture, 4 oz. per acre of Ascend, 1 qt. per acre of zinc plus a micronutrient package to the starter.

He took tissue samples twice—at V5 and just before tasseling. This year at V5, he sprayed an additional 4 oz. per acre of Ascend, 22 oz. of Roundup WeatherMAX and 4 oz. of Priaxor fungicide. At VT-R1, he followed up with fly-on applications of Headline AMP at 12 oz. and MaxinZMB at 1 qt. per acre. "We want to make sure the corn plant gets whatever it needs when it needs it," Steiger says.

Selecting the right hybrid was another important part of Steiger's success. "We really liked the looks of this one in the field and it has great standability. When you're planting as thick as we are, you need something with strong roots and a strong stalk."

Steiger also uses a strong team of consultants during the growing season. He works closely with a co-op agronomist, a seed company rep and a crop consulting firm in making decisions throughout the year. "There's no such thing as having too much information," Steiger adds. "The people I work with are able to get to a lot more meetings and talk to a lot more people than I can on my own."

Taking part in the contest supplements the information his team provides. "You get to mingle with the very best corn growers in the country. You hear about what's working for them and what isn't. It's a great way to learn from a wonderful group of people," Steiger explains.

Management Matters

- Tissue sample to ensure corn wants for nothing.
- Use new technology to push yield to the limit.
- Learn from what others are doing.

Second Place

MEZERA FARMS (MATT)

Bagley, WI

315.0618 bu./acre
DeKalb DKC62-08
Population: 47,500
Harvester: John Deere 9770

SUPERVISORS:

Mark Eulgem: Vice-President, Badgerland Financial ACA
Loralie Burmeister: Crop Insurance Assistant, Badgerland Financial
James Krueger: Ag Loan Officer, Badgerland Financial

Location may not be everything when it comes to achieving contest-winning yields, but it can't be overlooked either. The top three yields in this category were grown on farms just two miles apart on the Blake's Prairie of southwestern Wisconsin. "The Tama soils we have here are as good as any in the world for growing corn," says Matt Mezera.

Plentiful rainfall and cool nights throughout the summer set the table for Matt's second-place finish. (His dad, Jeff, notched third place in this class.) But in some ways, the weather may have also held the crop back.

"We were looking at doing a nitrogen sidedress when the corn was knee-high," Mezera explains. "We had even bought some narrow tires for one of our tractors to make it easier to get through our 20-inch rows."

Before he could get the sidedress on, though, it turned rainy. "We had 11 inches in 13 days. By the time the rain stopped, the corn was too big. That extra nitrogen might have given us another 10 to 20 bushels."

Third Place

MEZERA FARMS

Bagley, WI

314.7347 bu./acre
DeKalb DKC63-33RIB
Population: 47,500
Harvester: John Deere 9770

SUPERVISORS:

Mark Euglem: Vice-President, Badgerland Financial ACA
Loralie Burmeister: Crop Insurance Assistant, Badgerland Financial
James Krueger: Ag Loan Officer, Badgerland Financial

Sometimes, less truly is more. In recent years, Jeff Mezera has been pushing planting populations on his contest fields 50,000 to 52,000 seeds per acre in 20-inch rows. For this year's contest, he backed off to 47,500 seeds.

"You have to have a lot of plants out there to get a lot of ears. But if you go too high, lodging can be a problem. We figured we would gain a little bit on standability with the lower population," explains Mezera.

A dry spell in July and early August set the contest entry back a bit. "We had good enough moisture in the subsoil to carry us through. But if the rain had started a little earlier in August, it probably would have helped."

Looking ahead, he has his sights set on the 350 bu. per acre mark. "With all the advances in genetics and other technologies, it's certainly not out of the question," he says. "All we'll need are some good growing conditions, with a lot of cool nights like we had this year. We'll get there."

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
AA NO-TILL/STRIP-TILL NON-IRRIGATED										
IOWA										
Dan Peterson Neola, IA	314.1472	Pioneer P2088HR	HX1/LL/RR2	Poncho 250	29000	—	—	—	225/0/0	Kinze 2000 John Deere 9570 STS
RMJ Jensen Farms, Ltd. Neola, IA	294.0165	Garst 83R38-3000GT	AS3000GT	Cruiser Extreme 250	36000	—	—	—	0/0/0	John Deere 1790 John Deere 9560 STS
Huneke, Inc. Underwood, IA	286.7257	Pioneer P2088HR	HX1/LL/RR2	Poncho 250	24000	—	—	—	175/100/00	Case IH 1250 Case IH 7120
ILLINOIS										
Robert Hadden Jacksonville, IL	284.9690	Pioneer P0993AM1	AM1/LL/RR2	Poncho 1250	36000	—	Basis, Realm Q Abundit Extra	—	210/96/120	John Deere 1770NT John Deere S680
John Deuth Polo, IL	283.7437	DEKALB DKC63-33RIB	GENSSRIB	Poncho 500	35000	—	—	—	180/100/200	Case IH 1220 Case IH 2388
Randy Haars Geneseo, IL	277.1305	DEKALB DKC62-08	GENSS	Poncho 250	37000	—	Harness Xtra Roundup	—	200/0/0	John Deere 1760 John Deere 9670
INDIANA										
Kathy Little Hebron, IN	313.4074	Pioneer P1360HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	39200	Defcon	Status Gramoxone Inteon Cinch ATZ Buccaneer Plus	Headline AMP Headline	309/54/18	John Deere 7200 Case IH 5130
Little Farms Hebron, IN	304.1530	Pioneer P1339XR	HXX/RR2	Poncho 1250+ VOTiVO	38000	Defcon	Status Gramoxone Inteon Cinch ATZ Buccaneer Plus	Headline AMP Headline	309/54/18	John Deere 7200 Case IH 5130
Hardy Bros Dairy Farms Roanoke, IN	281.3475	DEKALB DKC62-08RIB	GENSSRIB	Poncho 250	32200	—	Harness Xtra Clarity Roundup PowerMax	—	250/70/120	John Deere 1770NT MF 9695 Axial
MINNESOTA										
Chris Sobeck Winona, MN	270.8020	DEKALB DKC62-97RIB	GENVT3PRIB	Poncho 1250	34000	—	Class Act Northstar Halex GT	—	200/48/160	Kinze 3600 Case IH 5088
William Smith West Concord, MN	211.6773	Pioneer P0533AM1	AM1/LL/RR2	Cruiser	31600	—	Surpass Roundup Status	—	150/80/120	John Deere 7100 John Deere 9500
Jason Petersen Alden, MN	201.1574	DEKALB DKC53-56RIB	GENSSRIB	None	36000	—	—	—	160/100/250	Case IH 1230 Stackerbar Early Riser Case IH 6088
MISSOURI										
Matthew Cox Scott City, MO	298.9316	Pioneer P1690HR	HX1/LL/RR2	Amplify+Cruiser	32000	—	—	—	320/100/100	John Deere 1720 Stack-Fold MaxEmerge Plus John Deere 9670
Chris Smith Fairfax, MO	285.1753	Pioneer P1522HR	HX1/LL/RR2	PPST 250	33000	—	Corvus Roundup Atrazine	—	200/50/50	John Deere 1770NT John Deere S660
Josh Oswald Fairfax, MO	278.9704	Pioneer P1522HR	HX1/LL/RR2	PPST 250	33500	—	Basis Blend Realm Q Abundit Extra	—	190/70/70	Kinze 3660 John Deere 9670
OHIO										
Ronald Saum Fort Jennings, OH	266.3685	Great Lakes 6530 VT3P	GENVT3P	None	34100	—	Durango Define Aatrex	—	228/50/120	John Deere 1770NT John Deere S660
Doug Swaim Cedarville, OH	265.4341	DEKALB DKC62-08RIB	GENSSRIB	Poncho 500	34200	Force	Simazat Roundup PowerMax Powerhouse	Proaxis	190/20/84	John Deere 1770 NT CCS Case IH 7120
Bill Putnam Conover, OH	265.0723	DEKALB DKC62-97RIB	GENVT3PRIB	Poncho 250	35000	—	Volley ATZ Atrazine 4L Roundup PowerMax	—	210/90/150	Kinze 3600 Case IH 5130
WISCONSIN										
Eugene Steiger Bloomington, WI	315.2033	DEKALB DKC63-33RIB	GENSSRIB	Acceleron 500	42000	—	Harness Hornet	—	270/109/129	John Deere 1760 John Deere 9660 STS
Mezera Farms (Matt) Bagley, WI	315.0618	DEKALB DKC62-08	GENSS	None	47000	—	Lumax	Headline	350/100/100	John Deere 1780 John Deere 9750
Mezera Farms Bagley, WI	314.7347	DEKALB DKC63-33RIB	GENSSRIB	Cruiser	47000	—	—	—	350/100/100	John Deere 1780 John Deere 9750

First Place

PHOTO: MIKE BOYATT

DAVID HULA

Charles City, VA

454.9837 bu./acre
Pioneer P2088YHR
Population: 50,000
Harvester: John Deere S670

SUPERVISORS:

Kemper Marable: Conservation Technician, SWCD
Phil Hickman: Marketing Specialist, Virginia Dept. of Ag & Consumer Services
Brian Noyes: District Manager, SWCD

Patience was a cornerstone of David Hula's march to a new world-record corn yield in this year's contest. "It's taken us a long time to get here," says Hula, whose contest entry registered 455 bu. per acre. "We definitely made mistakes along the way. But we learned from those mistakes and got better because of them. We also learned a tremendous amount talking to other growers and agribusiness people."

Hula planted his winning contest field on April 27, treating his hybrid with Biovante's Pentilex (to accelerate germination), Poncho 1250+VOTiVO (for early-season protection against insects) and zinc. He also applied a 60-30-0 starter fertilizer with 6 lbs. of sulfur, 0.6 lbs. of zinc and 0.1 lbs. of boron 3 inches to the side and 2 inches below the seed, BioRed (free-living soil microbes) and 5 gal. of 3-18-18, pop-up fertilizer.

At V3-V4, he sprayed with Biovante's Micro-8+ and BioMate. Micro-8+ is a micronutrient package. BioMate, which Hula applies at every spraying pass, contains complex sugars to feed soil microorganisms. "We've identified V3 and V4 as a critical stage," he says. "The plant is starting to photosynthesize, but there isn't much of a root system yet. Using these products helps keep things balanced."

Around V6, Hula sidedressed with 160 lbs. of nitrogen and 20 lbs. of sulfur, adding BioMate and Assist 45. At the same time, he applied Halex GT for weed control, Priaxor to head off fungal infections and BioMate and Micro-8+. He also applied Priaxor and BioMate at V12.

At brown silk, he flew on a mixture consisting of 3-18-18, amino acids, Biomate, Headline AMP and Tombstone insecticide. He made another fly-on application at white blister. The second application was similar, but also included nitrogen and boron.

From V12 through tasseling, he made seven fertigation (applying nutrients through sprinklers) applications of 25 to 30 lbs. of nitrogen, along with BioMate and Micro-8+. He also made three applications of 30 lbs. of potash about five days apart prior to tasseling.

"We had plenty of rain this year, but we still needed nutrients," Hula says. "It's all about the timing and understanding what's going on with the plant. If you get the nutrients out there when the crop needs them, you'll be successful."

Management Matters

- Learn from your own mistakes and by listening to other growers.
- Embrace new products offered by reputable suppliers.
- Think timing as well as amounts when applying fertilizer.

Second Place

JOHNNY HULA

Charles City, VA

421.2579 bu./acre
Pioneer P1690YHR
Population: 48,000
Harvester: John Deere S670

SUPERVISORS:

Kemper Marable: Conservation Technician, SWCD
Brian Noyes: District Manager, SWCD
Emily Aleshire: Soil Conservationist, USDA NRCS

As much as anything else, producing an eye-popping corn yield requires a special mindset, says Johnny Hula, who captured second place in this category behind his brother and new world record-holder, David.

"Years ago, I heard Francis Childs (first NCYC contestant to report a 400 bu. yield) say that you had to have a positive attitude in order to grow corn," Hula says. "At the time, I wasn't quite sure I understood. But I think what he meant was that you always have to be willing to change and try new things."

Buying a new John Deere 1770NT was one of the changes Hula made this year. "It was challenging. We were used to one system and now we were using another. But we worked our way through it, and it really made a difference," he explains. "Instead of 98 percent accuracy on our seed drop and spacing, we had 99.5 percent accuracy. The whole crop came out of the ground within eight hours and looked like a checkerboard."

Third Place

RANDY DOWDY

Valdosta, GA

417.3254 bu./acre
Pioneer P1303HR
Population: 41,000
Harvester: John Deere 9600

SUPERVISORS:

William H. Darsey: District Conservationist, USDA NRCS
William Garvie Nichols: County Extension Agent, University of Georgia Cooperative Extension
Jake Price: Ag Agent, University of Georgia Cooperative Extension

Randy Dowdy is one focused individual. Even before learning entries from three of his farms had captured awards in this year's contest, Dowdy was looking ahead and mulling over prospects for breaking the 500-bushel barrier. "When it comes to growing corn, my brain doesn't shut off," he says.

Row-spacing will be one of Dowdy's 2014 focal points. He'll continue to plant in 36-inch, twin rows. But he'll also plant 30-inch, single rows. "With 30-inch rows, we might be able to get more sunlight deeper into the canopy and also reduce lodging problems," he explains.

Dowdy will experiment with new fungicide products, too. In 2013, he used Priaxor and Headline in three applications. "We want to make sure we're not setting ourselves up for resistance issues. We don't want to lose the efficacy of the good products we already have," he says.

Remaining prayerful is one of the things Dowdy will keep the same. "I may have been the author, but God is always the finisher. I'm thankful that He blessed us."

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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED										
ALABAMA										
J Howard Hobbs Elkmont, AL	248.9898	DEKALB DKC62-08	GENSS	Avicta	32000	Mustang MAX	Vision, Roundup Halex	—	180/68/100	John Deere 1790 John Deere 9770
Tate Farms (Jeff Tate) Meridianville, AL	247.0226	Pioneer P1184YHR	YGCB/HX1/ LL/RR2	PPST 250	38000	Mustang MAX	Atrazine 4L Halex GT, Sterling Blue Roundup PowerMax	Quilt Xcel	297/59/50	John Deere Custom Made John Deere S680
Jesse More Aliceville, AL	228.3601	Pioneer P1745BVT	AVBL/CB/ LL/GT	Poncho 250	31977	—	Roundup Max Atrazine 4L, Halex GT	—	400/30/40	John Deere 1720 CCS Stack-Fold John Deere S690
ARKANSAS										
Bingham Farms Trumann, AR	315.1488	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser+Poncho 250	32800	—	Roundup, Atrazine 4L Dual II Magnum	—	475/60/80	Monosem Twin Row Case IH 9230
Blake Goodman Corning, AR	275.3343	Pioneer P1690HR	HX1/LL/RR2	Poncho 250	34000	—	—	—	300/100/100	John Deere 1720 John Deere 9870 STS
Drew Woolverton Pollard, AR	270.8166	DEKALB DKC62-08	GENSS	Poncho 250	31500	—	ME-Too Lachlor II Atrazine 90DG	—	240/80/100	John Deere 1720 Integral Stack-Fold John Deere 9760
COLORADO										
Lenz Farms Holyoke, CO	280.8940	Pioneer P1151AM	AM/LL/ RR2/AQ	Poncho 250	32000	—	—	—	260/35/35	John Deere 1770 John Deere S670
Sunland Enterprises, Inc. Walsh, CO	280.7517	Pioneer 32N74AM1	AM1/LL/RR2	Cruiser Extreme 250	36500	Capture LFR	Atrazine, RT3 Balance Flexx, Banvel	—	550/110/40	John Deere 1720 John Deere 9770
Jeff Self Springfield, CO	242.0630	Pioneer P1151AM	AM/LL/ RR2/AQ	Cruiser 250	30000	—	Roundup	—	0/0/0	John Deere 1720 John Deere 9770
DELAWARE										
DMC Farms, Inc. Laurel, DE	288.0813	DEKALB DKC62-98	GENVT2P	Poncho 250	37000	—	—	—	320/25/175	Kinze 3650 Case IH 7120
Ockels Acres Milton, DE	262.3006	DEKALB DKC61-88RIB	GENVT3PRIB	Poncho 250	40000	Tombstone	Harness, Princep Makaze, LL 700	Headline	300/57/199	Case IH 1240 Case IH 7120
Ockels Farms, Inc. Milton, DE	252.3496	DEKALB DKC65-19	GENVT3P	Poncho 250	40000	Tombstone	Harness, Princep Makaze, LL 700	Headline	300/57/199	Case IH 1240 Case IH 7120
FLORIDA										
Jimmy Murphy Jennings, FL	306.4484	Pioneer P1685YHR	YGCB/HX1/ LL/RR2	Poncho 1250	36520	Counter 20CR	Expert	Headline AMP Quilt Xcel	300/75/300	Monosem NG Plus John Deere 9550
Kyle Dasher Mc Alpin, FL	258.0619	Pioneer P2023BVT	AVBL/CB/ LL/GT	Poncho 250	37265	Bifenthrin Counter 20CR	Valor Expert	Headline AMP Headline, Quilt	275/50/275	John Deere 1700 John Deere 9650 STS
Dietrich Farms Graceville, FL	232.9041	Pioneer 31P42	HX1/LL/RR2	Poncho 250	33500	Belay	Roundup Atrazine	Quilt	300/50/400	John Deere 1700 Case IH 1480
GEORGIA										
Randy Dowdy Valdosta, GA	417.3254	Pioneer P1303HR	HX1/LL/RR2	Poncho 1250	40000	—	—	—	360/100/200	John Deere 1720 John Deere 9600
J Penta K Farms Fitzgerald, GA	242.0914	Pioneer P1690HR	HX1/LL/RR2	None	36000	—	—	—	330/180/240	John Deere MaxEmerge Plus Case IH 2166
L Wilder Pelham, GA	211.8529	Pioneer P1690AM	AM/LL/RR2	Poncho 250	28000	—	—	—	300/125/200	John Deere 1700 John Deere 9400
IOWA										
Bentien Farms Postville, IA	268.0306	DEKALB DKC61-16RIB	GENSSRIB	Acceleron	35000	—	Clarity, Amezon Atrazine 90 DF	—	270/0/60	Kinze 3600 Claas Lexion 750
Doug Zieman Postville, IA	267.6491	DEKALB DKC53-56RIB	GENSSRIB	Acceleron	35000	—	Lumax EZ	—	211/177/261	Kinze 3600 Claas Lexion 740

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
Rochelle Maynard Danbury, IA	264.6909	Pioneer P1339AM1	AM1/LL/RR2	Poncho 250	34000	—	Harness Xtra 2, 4-D Amine Roundup Max, Status	—	240/65/75	Kinze 3660 Case IH 7230
IDAHO										
Lisa Jensen Emmett, ID	246.0408	Pioneer P0876R	RR2/AQ	Poncho 1250	33000	—	Roundup UltraMax	—	240/75/75	John Deere MaxEmerge Plus John Deere 9760
ILLINOIS										
Colton Logeman Belknap, IL	296.5259	DEKALB DKC64-69	GENVT3P	Poncho 250	33200	—	Degree Xtra	—	220/200/200	Kinze 3600 New Holland CR7090
Karen Logeman Belknap, IL	290.7240	DEKALB DKC64-69	GENVT3P	Poncho 250	33200	—	Degree Xtra	—	220/200/200	Kinze 3600 New Holland CR7090
Stewart Family Farms Monmouth, IL	277.3295	Pioneer P1184	CONV	Poncho 1250	35000	—	—	—	220/90/120	Case IH 1250 New Holland CX8090
INDIANA										
Craig Williams Oaktown, IN	278.1776	Pioneer P1105YHR	YGCB/HX1/ LL/RR2	Poncho 1250+ VOTiVO	36000	—	Cinch ATZ, Laudis Gly Star Plus	Stratego YLD	220/50/100	Kinze 3600 John Deere 9560 STS
Jason Misiniec Edwardsport, IN	278.0310	Pioneer 32B10	WH	Poncho 1250+ VOTiVO	34000	—	Lexar	—	200/100/100	John Deere 1770NT CCS ProXP Case IH 8120
G & M Farms Rochester, IN	268.7216	Pioneer P2088AM	AM/LL/RR2	Poncho 250	36700	Capture	SureStart Abundit	—	350/26/120	John Deere DB80 John Deere 9870 STS
KANSAS										
Josh Koehn Montezuma, KS	306.5698	Pioneer P1625HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	36500	—	—	—	270/40/0	John Deere 1720 CCS Stack-Fold John Deere S670
Robbie Yost Montezuma, KS	297.9833	Pioneer P1625HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	34000	—	Lexar+Roundup	—	305/40/0	John Deere 1710 Vacuum John Deere 9610
Fred Goossen Montezuma, KS	296.7249	Pioneer P1625HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	39000	—	Lexar+Roundup	—	280/50/0	John Deere 1720 Case IH 2388
KENTUCKY										
Steve Hunt Herndon, KY	267.0402	DEKALB DKC62-08RIB	GENSSRIB	Poncho 1250	34000	Tundra	Atrazine Lexar	Quilt Xcel	250/100/100	Case IH 1250 Case IH 9230
Griffith Farms (Clayton) Sedalia, KY	263.1549	Pioneer P2088AM	AM/LL/RR2	Poncho 250	34000	—	Degree Xtra, LV4 Roundup PowerMax Atrazine 90 WDG	—	250/200/200	Kinze 3600TR Claas Lexion 740
Patty Griffith Mayfield, KY	262.1813	DEKALB DKC69-29	GENVT3P	Poncho 250	34000	—	Degree Xtra, LV4 Roundup PowerMax Atrazine 90 WDG	—	250/200/200	Kinze 3600TR Claas Lexion 740
LOUISIANA										
Montana Moroni Gilbert, LA	264.2966	Pioneer P1690HR	HX1/LL/RR2	Cruiser 1250	33000	—	—	—	250/60/40	John Deere MaxEmerge XP John Deere S670
John & Linda Moroni Farm Winnsboro, LA	251.7809	Pioneer P1319HR	HX1/LL/RR2	Cruiser 1250	32000	—	—	—	250/60/60	John Deere 1700 John Deere S670
Ken & Bill Moroni Farm Sicily Island, LA	251.0138	Pioneer P1685YHR	YGCB/HX1/ LL/RR2	Cruiser 1250	31500	—	—	—	250/50/50	John Deere 1700 John Deere S680
MASSACHUSETTS										
Thomas Calabrese Southwick, MA	268.5783	DEKALB DKC52-61RIB	GENVT2PRIB	Poncho 250	35000	—	Lumax Gly Star Plus	—	250/13/200	Kinze 3000 Case IH 7010

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
Sarah Henry Southampton, MA	241.5597	Pioneer P1498HR	HX1/LL/ RR2/AQ	Amplify D+ Poncho 250	38000	—	Cinch ATZ Resolve Q Roundup PowerMax	—	270/60/125	Kinze 2500 Case IH 2366
MARYLAND										
Tuckahoe Farms Denton, MD	277.6275	DEKALB DKC62-97	GENVT3P	Poncho 250	32479	—	—	—	250/75/300	Kinze 3600 Case IH 8230
Redman Farms Queen Anne, MD	272.4161	DEKALB DKC61-88RIB	GENVT3PRIB	Poncho 250	35000	Asana XL Counter 20G Warrior II	Lexar Pincep 4L Roundup PowerMax	Headline AMP	171/52/100	John Deere 1770 NT CCS John Deere 9770
Michael Bostic Church Hill, MD	243.0625	Pioneer P1319HR	HX1/LL/RR2	VOTiVO	33000	—	—	—	200/30/100	John Deere 1790 CCS John Deere S660
MICHIGAN										
Charles Eickholt Chesaning, MI	289.7828	Pioneer P0216HR	HX1/LL/RR2	Poncho 250	35100	—	Roundup- PowerMax	—	250/104/300	John Deere 1790 CCS John Deere 9670 STS
Landis Farms (Ronnie) Schoolcraft, MI	287.2120	DEKALB DKC62-08RIB	GENSSRIB	None	38000	—	Lumax	—	210/90/165	John Deere 1770NT John Deere 9770 STS
Landis Farms (Marshall) Schoolcraft, MI	286.5457	DEKALB DKC62-08RIB	GENSSRIB	None	38000	—	Lumax	—	210/90/165	John Deere 1770NT John Deere 9770 STS
MINNESOTA										
Robert Braun Le Sueur, MN	217.7625	DEKALB DKC53-78 RIB	GENSTXRIB	Avicta	35000	—	—	—	232/12/0	John Deere 7000 Front-Fold MaxEmerge, Gleaner S77
Jeff Tiemann Royalton, MN	205.0995	DEKALB DKC48-12 RIB	GENSTX/RIB	Acceleron 500, Poncho, VOTiVO	35500	—	Halex GT	—	195/30/200	Case IH 1240 New Holland CR9060
Braun Farms, Inc. Le Sueur, MN	199.4561	DEKALB DKC52-04RIB	GENVT3PRIB	Avicta	33500	—	—	—	192/12/0	John Deere 7000 Front-Fold MaxEmerge, Gleaner S77
MISSOURI										
Charles & Glenda Hinkebein Farms Chaffee, MO	299.6435	DEKALB DKC66-94	RR2	Poncho 250	33000	Capture	AAtrex Resolve	Headline AMP	290/110/80	John Deere 1720 Case IH Axial-Flow 9120
CGC Farms Chaffee, MO	298.4285	DEKALB DKC61-49 RIB	GENVT2P/RIB	Poncho 250	33000	Capture	AAtrex Resolve	Headline AMP	290/110/80	John Deere 1720 Case IH Axial-Flow 9120
Charles Hinkebein Chaffee, MO	297.6472	Seed Consultants SCS 11HR38	H1/RR	Poncho 250	32000	Capture	AAtrex Resolve	Headline AMP	290/110/80	John Deere 1720 Case IH Axial-Flow 9120
MISSISSIPPI										
Travis Dunn Ittal Bena, MS	290.5275	Pioneer P1739HR	HX1/LL/RR2	Poncho 1250	32500	—	—	—	369/23/60	John Deere 7340 John Deere S680
Clint Dunn Itta Bena, MS	288.0694	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 1250	31000	—	—	—	369/23/60	John Deere 7340 John Deere S680
Dwight Dunn Itta Bena, MS	284.5150	Pioneer P1690HR	HX1/LL/RR2	Cruiser 250	29000	—	—	—	369/23/60	John Deere 7340 John Deere S680
MONTANA										
Ernie Icopini Hysham, MT	249.5278	Pioneer P9252R	RR2	Raxil, PPST 250	38000	—	Roundup RT3 Outlook, Status Balance Flexx	—	215/120/80	Monosem NG Plus Case IH 8230
Brent Icopini Hysham, MT	239.7813	Pioneer P9690HR	HX1/LL/ RR2/AQ	Raxil	38000	—	Roundup RT3 Outlook, Status Balance Flexx	—	215/120/80	Monosem NG Plus Case IH 8230
Doug Robertus Laurel, MT	238.2350	Pioneer P9690HR	HX1/LL/ RR2/AQ	Poncho 250	39000	Capture LFR	—	—	200/70/30	John Deere 7100 Case IH 1680

NO-TILL/STRIP-TILL IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
NORTH CAROLINA										
Matthew Rhodes Four Oaks, NC	265.9509	DEKALB DKC64-69	GENVT3P	Poncho 250	35000	—	—	—	200/30/60	John Deere 1700 Case IH 7120
Felton Outland Sunbury, NC	240.7364	Pioneer P1745HR	HX1/LL/RR2	Poncho 250	37810	—	Touchdown 2, 4-D, Atrazine	—	200/0/0	John Deere 1730 John Deere 9770
Bo Stone Rowland, NC	238.3983	Pioneer P1690HR	HX1/LL/RR2	Cruiser Extreme 250	34000	Karate	Roundup PowerMax Atrazine 4L, Zidua	Headline	210/8/100	Case IH 1240 Case IH 7120
NORTH DAKOTA										
Cody Frauenberg Lamoure, ND	266.0231	DEKALB DKC46-20	GENVT3P	Avicta Complete Corn	36000	—	—	—	300/100/70	Case IH 1250 Case IH 9120
Ralph Mewes Hope, ND	203.0887	DEKALB DKC43-10RIB	GENVT2PRIB	Acceleron 250+ Stamina	36000	—	—	—	246/50/0	John Deere DB80 John Deere S680
Randy Mewes Hope, ND	202.1127	DEKALB DKC43-10RIB	GENVT2PRIB	Acceleron 250+ Stamina	36000	—	—	—	246/50/0	John Deere DB80 John Deere S680
NEBRASKA										
Heath Schake Kearney, NE	309.6060	Pioneer 33D47	RR2	Poncho 250	37000	—	—	—	320/80/0	John Deere 1720 CCS John Deere S670
Blake Johnson Holdrege, NE	296.3031	Pioneer P1690HR	HX1/LL/RR2	PPST 250	35000	—	Abundit, Basis Atrazine, Status	Headline	0/0/0	John Deere DB60 John Deere S680
Pete C Schmit & Sons Bellwood, NE	293.3695	Producers 7014VT3PRIB	VT3PRIB	Cruiser Extreme 250	36000	Cruiser Extreme 250	Lumax	Quilt Xcel	220/52/60	Kinze 3400 MF 9560
NEW HAMPSHIRE										
Five Point Farm Northfield, MA	208.8639	Pioneer P0210AM	AM/LL/ RR2/AQ	Poncho 1250	36000	—	Guardsman Max Prowl H20	—	180/14/180	John Deere 7200 John Deere 9500
NEW JERSEY										
New Village Farm Phillipsburg, NJ	282.3796	Pioneer P1395	CONV	Poncho 1250	36000	—	Guardsman Max Prowl H20	—	0/0/0	John Deere 1790 CCS John Deere S660
Carly M Barlieb Stewartsville, NJ	263.0287	Pioneer P0987AM1	AM1/LL/RR2	Poncho 1250	38000	Capture	Guardsman Max Prowl H20	—	275/100/100	John Deere 1790 CCS John Deere S660
New Village Farms, LLC. Phillipsburg, NJ	250.5037	DEKALB DKC62-97	GENVT3P	Poncho 1250	36000	—	Guardsman Prowl H20	—	0/0/0	John Deere 1790 CCS John Deere S660
NEW MEXICO										
Foresure Farms Dalhart, TX	300.3123	Pioneer 33Y75	HX1/LL/RR2	Poncho 1250	32000	—	—	—	300/50/100	John Deere 1770 NT CCS Case IH 8230
NEW YORK										
RL Jeffres & Sons, Inc. Wyoming, NY	278.6137	Pioneer P0533AM1	AM1/LL/RR2	Poncho 250	34200	—	Touchdown Total Bicep Lite II Magnum	—	40/157/0	Case IH 1250 Case IH 8230
Evelyn Lasher Catskill, NY	270.5100	Pioneer P0993HR	HX1/LL/RR2	Poncho 1250	36400	—	—	—	300/35/220	John Deere 1770NT John Deere 9770
Keith Jones Catskill, NY	266.6600	Pioneer P0533AM1	AM1/LL/RR2	Poncho 1250	38430	—	—	—	300/35/220	John Deere 1770NT John Deere 9770
OHIO										
Mike Funderburgh North Lewisburg, OH	258.3044	Pioneer P1498HR	HX1/LL/ RR2/AQ	PPST 250	34000	Bifenthrin	Roundup PowerMax Corvus, Impact Atrazine 90	Priaxor	200/114/180	John Deere 1790 CCS John Deere 9660 STS
Jim Motycka Napoleon, OH	244.8083	Pioneer P0993HR	HX1/LL/RR2	PPST 250	33000	—	Atrazine Corvus	—	245/54/110	Case IH 1220 Case IH 5130

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
Matt Milless Amanda, OH	234.0547	Seed Consultants SCS 11HR21	HX1/RR2	Cruiser Extreme 250	37000	Pilot 15G	Balance Flexx Buccaneer Atrazine 90 DF	—	225/60/75	John Deere 7200 John Deere 9500
OKLAHOMA										
T&S Farms Texhoma, OK	330.3495	Channel 217-08VT3P	VT3P	Acceleron+ Poncho 250	36000	Comite II	Status, Verdict Prowl H2O, Aatrex Roundup PowerMax Sterling Blue	—	316/85/40	Monosem Twin Row John Deere S680
Ed Keezer Clayton, NM	303.4677	DEKALB DKC64-69	GENVT3P	Acceleron 250	35100	—	RT3, AMS Hook	—	300/0/0	John Deere 1720 John Deere 9760
MMB Farms Texhoma, OK	294.3622	Channel 215-52VT3P	VT3P	Acceleron+ Poncho 250	32000	Comite	Balance Flexx Dicamba HD, Roundup PowerMax Triangle	—	310/90/0	John Deere 1720 John Deere
OREGON										
Double T Farming Boardman, OR	251.6826	Pioneer 34R65	RR2	Poncho 250	37880	—	—	—	230/92/0	John Deere 1700 John Deere 9760
Bedrock Farms, LLC. Ione, OR	242.6550	Pioneer 33T55	RR2	Poncho 250	36500	—	—	—	207/92/180	John Deere 1700 John Deere 9760
PENNSYLVANIA										
Jordan Martin Stevens, PA	264.7070	TA Seeds TA683-22DPRIB	RR2/CBx2	Poncho 250	39000	Sniper	Imitator Plus Lumax	—	90/0/160	Kinze 3600 John Deere 9570
Darren Charles Lancaster, PA	259.1549	Pioneer P1319HR	HX1/LL/RR2	Poncho 1250	35400	Warrior II	Atrazine 4L Touchdown Total SureStart	Halex GT	200/0/0	Kinze 3600V Case IH 7088
Rhonda Mast Morgantown, PA	255.8393	Pioneer P1319HR	HX1/LL/RR2	Poncho 250	34000	Province	Balance Flexx Brawl II ATZ, Gramoxone	—	235/0/70	John Deere 1750 John Deere 9600
SOUTH CAROLINA										
Jameson Farms #5 Orangeburg, SC	259.8543	Pioneer P1690HR	HX1/LL/RR2	Poncho 250, Amplify-L	33500	Counter 20 G	Atrazine, Impact Roundup PowerMax	Stratego YLD	285/35/100	John Deere 1700 MaxEmerge XP Case IH 6088
Britt Hughes Bamberg, SC	250.9609	Pioneer P2023BVT	AVBL/CB/ LL/GT	Cruiser 250	30000	Bifenthrin	Atrazine Roundup	Approach Folicur	225/50/160	John Deere 1700 John Deere 9600
Chuck Hughes Bamberg, SC	247.6192	Pioneer P1690HR	HX1/LL/RR2	Cruiser	29000	Bifenthrin	Atrazine Roundup	Approach Folicur	240/60/150	John Deere 1700 John Deere 9600
SOUTH DAKOTA										
Lower Brule Farms Fort Pierre, SD	288.6959	DEKALB DKC63-07	GENVT3P	Poncho 250	33000	—	Harness Xtra Roundup	—	250/45/5	John Deere 1730 John Deere S680
Lower Brule Farm Corp. Fort Pierre, SD	272.4355	DEKALB DKC61-16RIB	GENSSRIB	Poncho 250	33000	—	Harness Xtra Roundup	—	250/45/5	John Deere 1730 John Deere S680
Breeding Farms Chamberlain, SD	264.8505	DEKALB DKC62-97	GENVT3P	Poncho 250	33500	—	Roundup TripleFLEX	—	230/45/0	John Deere 1730 John Deere S670
TENNESSEE										
H & L Hughes Farming TN Partnership Brownsville, TN	353.3879	DEKALB DKC69-29	GENVT3P	Cruiser Extreme 250	37000	Capture LFR	Megafol, Utilize Roundup O-Max Atrazine 4L Halex GT, Axilo Mg Coron Fulbor	NutriLink 6-20-0 Plus ZN	380/92/120	John Deere 1790 John Deere S670

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
NO-TILL/STRIP-TILL IRRIGATED – CONTINUED										
Verell Farms Jackson, TN	264.6873	DEKALB DKC64-69	GENVT3P	Cruiser Extreme 250	37500	—	—	—	270/75/75	John Deere DB60 John Deere S680
Jerry Newby Athens, AL	263.3656	Pioneer P1319HR	HX1/LL/RR2	Herculex	36000	—	—	—	220/0/90	John Deere 1770NT Case IH 8230
TEXAS										
Buckley Farms Dimmitt, TX	314.6417	Pioneer P1625CHR	RW/HX1/ LL/RR2	Poncho 1250+ VOTiVO	34000	—	Triangle Atrazine	—	0/0/0	John Deere 2630 John Deere 9770 STS
Donny Carpenter Farms, Ltd. Dimmitt, TX	311.8713	Pioneer 33Y77AM1	AM1/LL/RR2	Poncho 1250+ VOTiVO	38000	—	Balance Flexx Atrazine, Triangle Laudis	—	300/10/10	John Deere DB60 John Deere S680
Kris Batenhorst Dalhart, TX	297.7993	Channel 217-08VT3PRIB	VT3PRIB	None	32000	—	Guardsman	—	280/30/10	Case IH 1250 Front-Fold Early Riser Case IH 9120
UTAH										
Lynn Summers Tremonton, UT	266.6777	DEKALB DKC48-12 RIB	GENSTX/RIB	Amplify D, Magnify	40000	—	—	—	270/80/0	John Deere MaxEmerge XP John Deere S670
Joseph Summers Tremonton, UT	265.1873	DEKALB DKC48-12 RIB	GENSTX/RIB	Amplify D, Magnify	38000	—	—	—	250/80/0	John Deere MaxEmerge XP John Deere S670
Ross Summers Tremonton, UT	255.0129	DEKALB DKC52-59	VT3	Amplify D, Magnify	38000	—	—	—	250/80/0	John Deere MaxEmerge XP John Deere S670
VIRGINIA										
David Hula Charles City, VA	454.9837	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 1250+ VOTiVO, PEntilex	47000	—	Sencor, Bicep II Touchdown	—	425/100/350	John Deere 1770NT John Deere S670
Johnny Hula Charles City, VA	421.2579	Pioneer P1690YHR	YGCB/HX1/ LL/RR2	Poncho 1250+ VOTiVO+Pentilex	47000	—	Sencor, Bicep II Touchdown, Halex	—	425/100/350	John Deere 1770NT John Deere S670
Engel Family Farms Hanover, VA	259.9844	Pioneer 32B16	WH/HX1/ LL/RR2	Poncho 1250+ VOTiVO	33100	—	—	—	250/30/250	Kinze 3660 Case IH 8230
WASHINGTON										
Nelson Cox Farms, Inc. Warden, WA	225.7390	Pioneer P9910R	RR2	None	40000	—	Roundup	—	300/140/120	John Deere 7300 MaxEmerge 2 John Deere S680
WISCONSIN										
Carla Hargrave Berlin, WI	278.0970	DEKALB DKC53-56	GENSTX/RIB	None	38000	—	Basis Volley ATZ	—	200/0/0	Kinze 3600 John Deere S670
Badgerland Grain Farms, LLC. Evansville, WI	262.9996	DEKALB DKC62-08RIB	GENSSRIB	Poncho 1250+ VOTiVO	37500	Hero	SureStart Abundit Extra	Priaxor Headline AMP	240/20/62	John Deere 1790 CCS Claas Lexion 740
WEST VIRGINIA										
Ronald Widmyer Charles Town, WV	210.9259	Pioneer P1319HR	HX1/LL/RR2	Poncho 250	31000	—	Aatrex, Instigate 2, 4-D	—	180/32/30	Allis-Chalmers 79 Air Champ Case IH 1660
WYOMING										
RAC Farming, Inc. (Robert) Lingle, WY	235.5866	Pioneer P9690HR	HX1/LL/ RR2/AQ	Poncho 250	32000	Capture LFR	Roundup PowerMax Status Resolve Q	—	200/60/0	Case IH 1230 Case IH 8010
Chris Cook Lingle, WY	188.5281	Pioneer P9690HR	HX1/LL/ RR2/AQ	Poncho 250	31000	Capture LFR	Roundup PowerMax Status, Resolve Q	—	200/60/0	Case IH 1230 Case IH 8010
Robb Cook Lingle, WY	175.7122	Pioneer P9690HR	HX1/LL/ RR2/AQ	Poncho 250	31000	—	Roundup PowerMax Status Resolve Q	—	200/60/0	Case IH 1230 Case IH 8010

First Place

PHOTO: KARL WOLFSHOHL

DOUBLE 'SA' FARMS, INC.

Hart, TX

418.3376 bu./acre
Pioneer P1625CHR
Population: 48,000
Harvester: John Deere 9770

SUPERVISORS:

Kyle D. Aljoe: Crop Consultant, Crop Quest
K. Levi Lunsford: Crop Insurance Agent, L2 Crop Insurance

Weather challenges in 2012 kept Steven Albracht out of the national contest winner's circle for the first time in a decade. This year, he's back and then some. His yield was one of five in the contest over 400 bu. per acre.

Favorable weather was a key. "We had a prevailing southeast wind which gave us some good humidity," explains Albracht. "We also had some decent rains, and we had cooler than normal weather in July and August."

Producing contest-winning yields, Albracht says, requires a blend of being disciplined enough to stick with long-time, proven practices while being innovative enough to "push the envelope" with cutting-edge technologies and methods.

On the tried and true front, he remained a stickler for getting the crop planted just right. Albracht purchased a new planter this year, but he still took it into the shop a few days ahead of planting to give key components a thorough once-over. "You can't assume that just because there's new paint on it, it's going to work the way you want."

Ahead of planting, he smoothed out his contest field with a finishing plow. "It kills all of the weeds and gives you a level surface so you don't have any planter bounce," he says, adding that he maintains a top planting speed of 4 mph. "For a high yield, you have to get that seed placed just right, and the best way to do that is to slow down."

The creative side of Albracht's nature displayed itself in his approach to managing micronutrients. He returned to using a pop-up fertilizer comprised of phosphorus, zinc, sulfur and nitrogen. But he changed the blend of micronutrients he foliar feeds at V3, V5, and V10. "I'm playing with the package all the time, looking for better ways to take stress off the plant" he points out.

As you'd expect, Albracht is already mulling over plans for the year ahead. He's considering switching to twin rows and changing the schedule for applying fungicides from twice during the season to three times. "You have to be willing to try new things. There's so much great technology available these days. Why would you let it all pass you by?"

Management Matters

- Slow down at planting for correct seed placement, good emergence.
- Tinker with micronutrient packages and timing.
- Accept some risks with new technologies, practices.

Second Place

DOWDY FARMS/CURTIS DAVIS/RENATO LAMAS

Valdosta, GA

405.1249 bu./acre
Pioneer P1303HR
Population: 41,000
Harvester: John Deere 9600

SUPERVISORS:

Jake Price: Ag Agent, University of Georgia Cooperative Extension
William H. Darsey: District Conservationist, USDA NRCS
William Garvey Nichols: County Extension Agent, University of Georgia Cooperative Extension
Johnny P. Whiddon: County Extension Coordinator, Retired

Even with a yield of 405 bu. per acre in this class and 417 bu. per acre in the No-Till/Strip-Till Irrigated Class, Randy Dowdy can't help but wonder what might have been in 2013. "Everything we saw this year tells us that the potential in the hybrids is there to produce 500 bushels per acre," he says. "All that was missing was some cooperation from the weather."

Excessive rain, from planting through harvest, was the major weather hurdle. "Around pollination, it rained 30 out of 40 days," he says. "Between Jan. 1 and Aug. 31, we had 82 inches of rain. Our average, annual rainfall is just 52 inches."

Banding homogenized fertilizer in 36-inch twin rows was one of the practices that helped Dowdy overcome the wet growing conditions. Blended fertilizers, he notes, can re-segregate in a spreader and applications can be inconsistent. With homogenized fertilizers, each granule has the same analysis. "It's more expensive," he says, "but the return you get in the uniformity you see across the field justifies the extra cost."

Third Place

DOWDY FARMS/POPE LANGDALE

Valdosta, GA

370.3570 bu./acre
DeKalb DKC62-09
Population: 41,000
Harvester: John Deere 9600

SUPERVISORS:

Jake Price: Ag Agent, University of Georgia Cooperative Extension
William Garvey Nichols: County Extension Agent, University of Georgia Cooperative Extension
William H. Darsey: District Conservationist, USDA NRCS

Spending time with your corn crop throughout the season is absolutely essential to producing high yields, says Randy Dowdy. "The best thing a farmer can see in his fields is his own shadow," he says. "If you're out there with your eyes open, you'll find where the potential shortcomings are and you'll be able to address them."

Dowdy tries to walk his fields every three to four days during the season. "You don't have to walk the whole field," he says. "Just pick a few areas with different soil types and try to get an idea of what's going on. Also, talk to your crop consultant and your employees about what they're seeing as they go about their work. It's always helpful to have more eyes checking things out."

Dowdy's bottom line: "If you spend time with the crop, you won't have to hope that everything is okay, you'll know everything is okay. It can make the difference between being a good farmer and being a great farmer."

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TOP THREE WINNERS BY CLASS

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
IRRIGATED										
ALABAMA										
Tate Farms (Pat Brown) Meridianville, AL	256.0471	Pioneer P1184YHR	YGCB/HX1/ LL/RR2	PPST 250	40000	Mustang MAX	Atrazine 4L Roundup PowerMax Sterling Blue Halex GT	Quilt Xcel	303/70/55	John Deere Custom Made John Deere S680
Tate Farms (Mike Tate) Meridianville, AL	243.5655	Pioneer P1184YHR	YGCB/HX1/ LL/RR2	PPST 250	34000	Mustang MAX	Atrazine 4L Roundup PowerMax Sterling Blue Halex GT	Quilt Xcel	300/0/22	John Deere Custom Made John Deere S680
Seth More Aliceville, AL	236.9689	DEKALB DKC66-97	GENVT2P	Poncho 250	30180	—	Atrazine 4L Roundup PowerMax Halex GT	—	300/30/40	John Deere 1720 CCS Stack-Fold John Deere S690
ARKANSAS										
Perry Galloway Gregory, AR	309.3071	DEKALB DKC64-69	GENVT3P	Poncho 1250+ VOTiVO	34500	Prevathon	Halex GT Atrazine 4L	Headline Quilt Xcel	250/90/120	Monosem NG Plus 4 John Deere 9770
KAC Farms Gregory, AR	299.0885	DEKALB DKC64-69	GENVT3P	Poncho 1250+ VOTiVO	38000	Prevathon	Halex GT Atrazine 4L	Headline Quilt Xcel	300/90/120	Monosem NG Plus 4 John Deere 9770
Richard Blaylock Forrest City, AR	292.2903	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser Extreme 250	34000	—	Atrazine 4L Leadoff, Realm Q Touchdown	Quilt Xcel	300/90/120	John Deere 1730 John Deere 9870 STS
CALIFORNIA										
Ruble Farms, Inc. Visalia, CA	322.7597	Pioneer P2088AM	AM/LL/RR2	Cruiser 250	34000	Zeal	Roundup	Stragtego	350/60/120	White 5700 Case IH 2588
Richard & Rick Borges Tulare, CA	305.2065	Pioneer P2088AM	AM/LL/RR2	Cruiser 250	34000	Zeal	Roundup	Stragtego	350/0/0	Case IH 1200 Case IH 2588
Clarklind Farms Tulare, CA	305.0975	Pioneer P2088AM	AM/LL/RR2	Cruiser 250	34000	Cornite	Roundup Clarity	—	280/120/180	White 5700 Case IH 8730
COLORADO										
Wright Farms Walsh, CO	305.4107	Pioneer 33B54	YGCB/RR2	None	38500	—	—	—	240/40/0	John Deere 1710 John Deere 9770 STS
Dan Genova Pueblo, CO	289.9141	Pioneer P1625CHR	RW/HX1/ LL/RR2	Cruiser 250	31000	—	Roundup	—	200/0/0	Monosem NG Plus 4 Case IH 1644
Nick Genova Pueblo, CO	286.1086	Pioneer P1625CHR	RW/HX1/ LL/RR2	Cruiser 250	31000	—	Roundup	—	200/0/0	Monosem NG Plus 4 Case IH 1644
CONNECTICUT										
Joe Calabrese Southwick, MA	276.2171	DEKALB DKC46-20	GENVT3P	Poncho 250	35000	—	Lumax	—	250/13/150	Kinze 3000 Case IH 7010
DELAWARE										
Mark Collins Laurel, DE	294.8295	DEKALB DKC62-08	GENSS	Poncho 250	35000	—	—	—	320/25/175	Kinze 3650 Case IH 7120
Randall Willin Seaford, DE	265.2303	DEKALB DKC62-97RIB	GENVT3PRIB	Acceleron	37000	—	—	—	200/0/120	John Deere 1760NT Case IH 7120
Bruce Snow Smyrna, DE	260.4772	Pioneer P2088HR	HX1/LL/RR2	PPST 250	32000	—	—	—	210/0/90	John Deere 1770NT John Deere 9660
FLORIDA										
Murphy Farms of Hamilton County Tampa, FL	310.1616	Pioneer P1685YHR	YGCB/HX1/ LL/RR2	Poncho 250	37250	Counter Bifenthrin	Expert	Headline Headline AMP Quilt Xcel	325/90/325	Monosem NG Plus John Deere 9500
Dale & Sarah Lyons Mayo, FL	271.3215	NK Brand N68B 3111	ASVIP3111	Evicta	36120	—	—	—	325/85/325	Monosem NG Plus John Deere 9500
Lyons Family Farm Mayo, FL	266.1173	Pioneer P2023BVT	AVBL/CB/ LL/GT	Poncho 250	38045	Counter 20 CR	Pendimax Glyfos Atrazine	Headline AMP Headline	325/85/325	Monosem NG Plus John Deere 9500
GEORGIA										
Dowdy Farms/Curtis Davis/Renato Lamas Valdosta, GA	405.1249	Pioneer P1303HR	HX1/LL/RR2	Poncho 1250	38500	—	—	—	360/100/200	John Deere 1720 John Deere 9600
Dowdy Farms / Pope Langdale Valdosta, GA	370.3570	DEKALB DKC62-09	GENVT3P	Poncho 1250+ VOTiVO	38500	—	—	—	360/100/200	John Deere 1720 John Deere 9600

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
IRRIGATED – CONTINUED										
Phil Corbett Lake Park, GA	354.3784	Pioneer P1690HR	HX1/LL/RR2	Poncho 1250	38000	—	—	—	360/75/250	John Deere 1720 John Deere 9600
IOWA										
Amana Farms, Inc. Amana, IA	276.0775	Pioneer P2088HR	HX1/LL/RR2	Amplify L+ Poncho 250	36500	Force CS	Atrazine 4L Corvus	—	180/60/90	John Deere DB60 John Deere S680
Mike Woltemath Hamburg, IA	272.2632	Pioneer P2088AM	AM/LL/RR2	Apron+Cruiser+ Dynasty	28000	—	—	—	300/104/0	John Deere 1770 NT CCS John Deere 9670 STS
Kent Beebe Missouri Valley, IA	269.6541	Wyffels W7886 RIB	GENVT2P	VOTiVO	35000	—	—	—	0/0/0	Kinze 3600 Case IH 2377
IDAHO										
Kirk Vickery Emmett, ID	287.9007	CROPLAN 3899VT2P	GENVT2P	Cruiser	38000	Onager	Sterling Blue Roundup PowerMax	Approach	300/115/90	Monosem NG Plus Gleaner N6
Lawrence Whitsell Emmett, ID	284.6189	Pioneer P1360HR	HX1/LL/RR2	Poncho 250+Raxil	37000	—	—	—	250/0/0	John Deere 7100 Rigid Frame MaxEmerge John Deere 9600
Vaughn Jensen Emmett, ID	275.7669	Pioneer P1498R	RR2/AQ	Poncho 250	33000	—	Clarity Roundup UltraMax	—	240/75/75	John Deere MaxEmerge Plus John Deere 9670
ILLINOIS										
Walker & Sons Farm Palestine, IL	310.5380	DEKALB DKC62-08	GENSS	Acceleron	32500	—	—	—	300/130/120	Kinze 3650 Case IH 7120
Paul Young Erie, IL	306.0333	Pioneer P1360CHR	RW/HX1/ LL/RR2	Poncho 1250+ VOTiVO	38000	—	Roundup PowerMax Cinch ATZ	—	280/30/180	John Deere 7200 John Deere 9870
Joshua Miller Farms Tamms, IL	299.7030	AgriGold A6573 VT3P	GENVT3P	Amplify L, Acremax Herculex I, PPST250	40000	—	Atrazine 4L Parallel, Realm Q	—	339/36/89	Kinze 3650 John Deere 9610
INDIANA										
Daniel Worland Vincennes, IN	303.2576	Channel 215-52VT3PRIB	VT3PRIB	Acceleron+ Poncho 250	35000	—	Roundup, Corvus Atrazine	Priaxor	325/0/0	Case IH 1200 Pivot MF 9795 Axial
Faith Little Hebron, IN	298.0319	Pioneer P1498HR	HX1/LL/ RR2/AQ	Poncho 1250+ VOTiVO	39000	Defcon	Cinch ATZ Status Buccaneer Plus	Headline AMP Approach	304/54/18	John Deere 7200 Case IH 5130
Beuligmann Farms, Inc. Poseyville, IN	297.4912	DEKALB DKC67-57	GENVT3P	Acceleron	35000	Warrior	Lexar Touchdown	Quilt	310/17/60	John Deere 1770NT Case IH 7230
KANSAS										
Gale Frank Farms #2 Copeland, KS	308.6494	Pioneer P1625HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	40000	—	Lumax	—	300/30/20	Monosem Twin Row John Deere 9770 STS
Gale Frank Farms #1 Copeland, KS	305.1683	Pioneer 33D47	RR2	Poncho 1250+ VOTiVO	34000	—	Lumax	—	300/10/5	Monosem Twin Row John Deere 9770 STS
Gale Frank Farms Copeland, KS	303.6014	Pioneer P1625HR	HX1/LL/RR2	Poncho 1250+ VOTiVO	47000	—	Lumax	—	380/40/30	Monosem MS Twin Line John Deere 9770 STS
KENTUCKY										
Russell & Bob Schwenke Union, KY	365.1127	Pioneer P2088AM	AM/LL/RR2	Cruiser+Herculex I	32000	Capture LFR	Verdict, Armecon Atrazine 4L	—	298/150/75	Kinze 3650 Case IH 5088
Phillip Meredith Reed, KY	277.6082	Pioneer P1745HR	HX1/LL/RR2	None	30000	—	—	—	225/69/90	John Deere 1790 CCS John Deere 9860
Lea Meredith Reed, KY	275.6413	Pioneer P1602YHR	YGCB/HX1/ LL/RR2	None	29500	—	—	—	225/69/90	John Deere 1790 CCS John Deere 9860
LOUISIANA										
Dustin Morris Rayville, LA	283.8394	Pioneer P1690YHR	YGCB/HX1/ LL/RR2	Cruiser	32000	—	Touchdown, Aatrex Leadoff, Halex GT	Quilt Xcel	230/30/150	John Deere 1720 CCS John Deere S690
Josh Moore Farms Oak Ridge, LA	273.5134	Pioneer P1685YHR	YGCB/HX1/ LL/RR2	None	34000	—	—	—	270/60/60	John Deere 1720 MaxEmerge XP John Deere 9760
Jerry Reeves, Jr. Winnsboro, LA	272.8515	Pioneer P1690YHR	YGCB/HX1/ LL/RR2	Cruiser	33000	—	Atrazine 4L Leadoff, Halex GT Roundup O-Max	Quilt Xcel	317/80/60	John Deere 1720 John Deere S670
MASSACHUSETTS										
William Llewelyn Northfield, MA	208.8743	Pioneer P9519AM	AM/LL/RR2	Poncho 1250	36000	—	Guardsman Max Prowl	—	160/14/170	John Deere 7200 John Deere 9500

TOP THREE WINNERS BY CLASS

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

IRRIGATED – CONTINUED

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
MARYLAND										
Willin Farms, LLC Seaford, DE	280.8997	Channel 214-13VT2PRIB	VT2PRIB	Acceleron	35000	—	—	—	200/0/120	John Deere 1760NT Case IH 7120
Bruce Bartz Denton, MD	278.6905	DEKALB DKC61-88	GENVT3P	Poncho 250	34200	—	—	—	250/75/300	Kinze 3600 Case IH 8230
Clearview Farms, Inc. Hurlock, MD	268.2856	DEKALB DKC62-98RIB	GENVT2PRIB	Poncho 250	34500	Warrior II	Bicep, Parrallel Touchdown Total	Quadris	254/85/150	John Deere 1770NT John Deere S670
MICHIGAN										
Don Stall Charlotte, MI	331.8177	Pioneer P0533AM1	AM1/LL/RR2	Poncho 1250	41000	—	Slider ATZ Hornet	—	240/60/240	Kinze 2600 Case IH 8010
T Jon Drozd Allegan, MI	307.4716	Pioneer P0993HR	HX1/LL/RR2	Amplify D+ Poncho 1250	41000	—	—	—	351/0/0	John Deere 1770NT John Deere S680
Dennis Hemker Saint Charles, MI	297.6335	Pioneer P0255AM	AM/LL/RR2	Poncho 250	35700	—	Roundup PowerMax Warrant	—	250/104/300	John Deere 1790 CCS John Deere 9670 STS
MINNESOTA										
Edling Farms, Inc. Clear Lake, MN	258.2034	DEKALB DKC53-56	GENSTX/RIB	Poncho 1250+ VOTiVO	38000	—	Verdict Durango	N-Pact, Priaxor Headline AMP	300/43/84	John Deere 1770 Case IH 2388
Bill Schaffer Hastings, MN	253.7353	Pioneer 34F07	HX1/LL/RR2	Poncho 250	37000	—	—	—	250/17/90	John Deere DB80 Case IH 8230
Mark Holker Monticello, MN	238.6678	DEKALB DKC48-12RIB	GENSSRIB	Poncho 500	33000	—	Roundup Status	—	180/40/150	John Deere 1770 NT CCS John Deere 9570 STS
MISSOURI										
J & J Farms Delta, MO	311.2727	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Amplify+Cruiser	34000	—	—	—	320/100/100	John Deere 1720 Stack-Fold MaxEmerge Plus, John Deere 9670
Black Gold Farms Arbyrd, MO	297.8866	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser+Poncho	33000	—	Atrazine 4L Roundup	—	269/60/60	John Deere 1720 MaxEmerge XP John Deere S670
Glenda Hinkebein Chaffee, MO	297.7948	DEKALB DKC64-69	GENVT3P	Poncho 250	33500	Capture	Aatrex Resolve	Headline AMP	290/95/70	John Deere 1720 Case IH Axial-Flow 9120
MISSISSIPPI										
Home Cypress Dublin, MS	299.4040	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 250	33000	—	Halex GT	—	250/60/60	Monosem Twin Row John Deere S670
Scott Hunter Glen Allan, MS	285.7190	Pioneer P1739HR	HX1/LL/RR2	Poncho 250	33000	—	—	—	340/0/0	John Deere 7300 John Deere 9760 STS
Reality Partnership Leland, MS	284.4183	Pioneer P1745BVT	AVBL/CB/ LL/GT	Poncho 250	32000	—	—	—	210/32/50	Monosem NG Plus Case IH 8230
MONTANA										
Kaitlyn Icopini Hysham, MT	246.9276	Pioneer P9252R	RR2	Raxil	38000	—	Roundup RT3 Outlook, Status Balance Flexx	—	215/120/80	Monosem NG Plus Case IH 8230
Bart Icopini Hysham, MT	245.6137	Pioneer P9252R	RR2	Raxil, PPST 250	38000	—	Roundup RT3 Outlook, Status Balance Flexx	—	215/120/80	Monosem NG Plus Case IH 8230
Darren Miller Billings, MT	243.2088	DEKALB DKC43-10RIB	GENVT2PRIB	Acceleron	36000	—	Roundup-PowerMax	—	250/40/30	John Deere 7100 John Deere 9600
NORTH CAROLINA										
Manning Farms, Inc. Pantego, NC	264.9341	DEKALB DKC66-97	GENVT2P	Poncho 1250, Capture LFR	46000	Capture LFR	Roundup	—	225/65/100	John Deere 1770NT John Deere S680
Boerema Farms Pantego, NC	245.3154	DEKALB DKC66-97	GENVT2P	Poncho 1250+ VOTiVO	38000	—	—	—	250/50/80	John Deere DB44 Case IH 8120
Luther Moore Maxton, NC	208.6204	Pioneer P2023BVT	AVBL/CB/ LL/GT	PPST 250	37000	—	Halex GT Atrazine	—	280/160/170	John Deere 7100 John Deere 9760
NORTH DAKOTA										
Donna Frauenberg Lamoure, ND	263.1815	DEKALB DKC46-20	GENVT3P	Poncho 250	36000	—	—	—	300/100/70	Case IH 1250 Case IH 9120
Sundale Farm Milnor, ND	255.1630	DEKALB DKC50-77	GENVT3P	Poncho 250	38800	—	—	—	250/50/45	John Deere 1770NT John Deere 9770
H & K Farm Oakes, ND	237.3448	Pioneer P9917AMX	AMX/LL/RR2	Cruiser Extreme 250+ Poncho 1250	35000	—	Roundup PowerMax	—	200/50/0	John Deere 1770 NT CCS John Deere 9760

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	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
IRRIGATED – CONTINUED										
NEBRASKA										
Kelly Driewer York, NE	317.3818	Pioneer P2088AM	AM/LL/RR2	Poncho 1250	29000	Capture	Corvus, Roundup Atrazine	Headline	225/52/0	John Deere 1720 Case IH 7120
Galen Pokorny Bellwood, NE	308.9466	DEKALB DKC66-87RIB	GENVT2PRIB	Poncho 1250+ VOTiVO	40000	Capture LFR	Harness Xtra 5.6L	—	259/13/1	John Deere 1720 Integral Stack-Fold New Holland CR9060 Twin Rotor
John Willoughby Wood River, NE	304.8052	Pioneer P2088AM	AM/LL/RR2	Poncho 1250	35000	—	Degree Xtra Roundup WeatherMax	—	240/50/0	John Deere 1720 MaxEmerge XP John Deere S660
NEW JERSEY										
New Village Farm Phillipsburg, NJ	286.7109	Pioneer P1395	CONV	Poncho 1250	36000	—	Prowl, Roundup Guardsman Max	—	0/0/0	John Deere 1790 CCS John Deere S660
Santini Farms Phillipsburg, NJ	277.6457	Pioneer P1105YHR	YGCB/HX1/ LL/RR2	Poncho 1250	36000	—	Prowl H2O Roundup, Guardsman	—	0/0/0	John Deere 1790 CCS John Deere S660
Clara Santini Stewartsville, NJ	272.5828	Pioneer P1395AM1	AM1/LL/RR2	Poncho 1250	38000	Capture	Prowl H2O Guardsman Max	—	250/50/50	John Deere 1790 CCS John Deere S660
NEW MEXICO										
Navajo Ag Products Industry Farmington, NM	296.9527	Fontanelle 7V697	VT3P RIB	Acceleron 500	35500	—	Bicep II Magnum	—	212/5/73	John Deere MaxEmerge Plus John Deere S680
Ronnie Williams Clayton, NM	260.7434	Pioneer P1151AM1	AM1/LL/ RR2/AQ	Poncho 250	30500	—	Balance Flexx Aatrex	—	320/45/10	John Deere 1770NT John Deere 9670 STS
NEVADA										
Flying W (Jared) Fallon, NV	239.7526	Pioneer P0210R	RR2/AQ	None	38000	—	—	—	0/0/0	John Deere 7000 John Deere 8820
Flying W (Nathan) Fallon, NV	212.5845	Pioneer P0210R	RR2/AQ	None	38000	—	—	—	0/0/0	John Deere 7000 John Deere 8820
NEW YORK										
Charles Campbell Nichols, NY	273.8761	DEKALB DKC52-04	GENVT3P	Poncho 250	37500	—	Roundup Yukon	Headline AMP	86/40/40	John Deere 7000 John Deere 4420
Adrianna Jones Catskill, NY	255.5121	Pioneer P0533AM1	AM1/LL/RR2	Poncho 1250	37900	—	—	—	300/35/200	John Deere 1770NT John Deere 9770
Anthony Della Rocco Melrose, NY	242.6840	Pioneer P0993HR	HX1/LL/RR2	Amplify D+ Poncho 1250	38000	—	Lumax	Headline	200/80/120	Kinze 2600 Case IH 2388
OHIO										
Byron Gearhart Chillicothe, OH	282.3432	AgriGold A6573	VT3PRRIB	Poncho 500	39000	—	—	—	285/300/0	Kinze 2600 Case IH 8230
Jennifer Milless Amanda, OH	258.0638	Seed Consultants SCS 11HQ31	HXX/RR2	Cruiser Extreme	36000	Pilot 15G	Balance Flexx Atrazine 90DF	—	225/60/75	John Deere 7200 John Deere 9500
Kathy Funderburgh North Lewisburg, OH	252.8355	Pioneer P0993HR	HX1/LL/RR2	PPST 250	34000	Bifenthrin	Atrazine 90 Corvus, Laudis Roundup PowerMax	—	200/50/50	John Deere 1790 CCS John Deere 9660 STS
OKLAHOMA										
Colby Thrall Boise City, OK	292.2456	Pioneer P1625CHR	RW/HX1/ LL/RR2	Poncho 1250	34000	—	—	—	325/0/0	John Deere 1720 Integral Stack-Fold John Deere S670
Bruce McDaniel Felt, OK	259.9323	Pioneer P1768AMX	AMX/LL/RR2	Poncho250	32000	—	Balance Flexx AAtrex	—	325/50/15	John Deere 1770NT John Deere 9670 STS
Connie McDaniel Felt, OK	255.8780	Pioneer P1625CHR	RW/HX1/ LL/RR2	Poncho 250	32000	—	Balance Flexx AAtrex	—	300/55/12	John Deere 1770NT John Deere 9670 STS
PENNSYLVANIA										
Doug Scipioni Newmanstown, PA	243.1912	Pioneer P1339XR	HXX/RR2	None	38000	—	—	—	200/50/50	Kinze 6 row MF 510
Ernest Mast Morgantown, PA	235.9128	Pioneer P1395	CONV	Poncho 250	34000	Province	Balance Flexx Brawl II ATZ	—	235/0/70	John Deere 1750 John Deere 9600
Mast Farms Morgantown, PA	234.3025	Pioneer P1395	CONV	Poncho 250	34000	Province	Balance Flexx Brawl II ATZ	—	235/0/70	John Deere 1750 John Deere 9600
SOUTH CAROLINA										
Dennis Farms Bonneau, SC	264.8418	DEKALB DKC64-69	GENVT3P	Poncho 250	34000	—	Atrazine Halex GT	—	150/80/150	John Deere MaxEmerge XP John Deere 9600
Jameson Farms #1 Orangeburg, SC	256.3904	Pioneer P2023YHR	YGCB/HX1/ LL/RR2	Poncho 250	36000	Counter 20G Sniper	Atrazine, Impact Roundup PowerMax	Stratego YLD	285/35/100	John Deere 1700 MaxEmerge XP Case IH 6088

	Yield	Hybrid Brand/ No.	Traits	Seed Treatment	Harvest Population	Insecticide	Herbicide	Fungicide	NPK	Planter/ Harvester
IRRIGATED – CONTINUED										
Daniel Garrick Cope, SC	232.2206	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 250	32500	—	—	—	300/200/200	John Deere 1700 MaxEmerge XP Case IH 6088
SOUTH DAKOTA										
Riverside Farms Huron, SD	293.1249	Pioneer P0533XR	HXX/LL/RR2	Poncho 250	33000	—	Atrazine, Corvus Roundup	—	300/50/30	John Deere DB44 John Deere 9770 STS
Missouri River Farms, Inc. Yankton, SD	267.0300	Pioneer P1151AM	AM/LL/ RR2/AQ	Cruiser 250	32000	—	Keyston, Roundup Force, Laudis	—	200/30/20	John Deere 1770NT CCS ProXP John Deere S660
Clarence Waldner Frankfort, SD	265.6608	Pioneer P0448AMX	AMX/LL/RR2	Poncho 250	32000	—	Roundup PowerMax Triple FLEX, Status	—	269/104/0	Case IH 1260 Case IH 9120
TENNESSEE										
Tanner Family Farms Union City, TN	272.4457	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Poncho 1250	35000	Capture LFR	Degree Roundup	Quilt Xcel	300/100/120	John Deere 1770 Case IH 7120
Hooper Farms Brownsville, TN	268.4633	Pioneer P2088YHR	YGCB/HX1/ LL/RR2	Cruiser	33000	Karate	Touchdown Barrage, Halex GT Atrazine	Quilt Xcel	300/50/80	Case IH 1260 Case IH 8230
Wilson Farms Paris, TN	266.4902	Pioneer 33G60	WH/HX1/ LL/RR2	None	32000	Warrior II	Bicep, Atrazine PowerMax	Headline	220/80/80	Kinze 3600 John Deere 9760
TEXAS										
Double 'SA' Farms, Inc. Hart, TX	418.3376	Pioneer P1625CHR	RW/HX1/ LL/RR2	Poncho 1250+ VOTiVO	48000	—	Cinch ATZ Lite Balance Flexx	—	0/0/0	John Deere 1720 John Deere 9770 STS
Bonanza Farms Sunray, TX	331.4076	DEKALB DKC62-08	GENSS	Acceleron	41500	—	Atrazine Balance Flexx	Priaxor	400/70/0	John Deere 7300 Case IH 8230
Cartrite Farms Sunray, TX	318.9423	Pioneer P1625CHR	RW/HX1/ LL/RR2	Poncho 1250	38500	—	—	—	400/70/0	John Deere 7300 Case IH 8230
UTAH										
Jeremy Hansen Garland, UT	310.9351	DEKALB DKC55-08	RR2	None	36000	Warrior	Banvel Roundup	—	230/65/0	Case IH 1250 Case IH 7120
Nelson Farm Tremonton, UT	299.7712	Pioneer P1151R	RR2/AQ	Amplify D	37000	—	—	—	280/100/0	Case IH 1200 Pivot Case IH 7120
Trevor Gardner Honeyville, UT	286.4258	DEKALB DKC55-09RIB	GENSSRIB	None	37000	—	—	—	300/100/0	Monosem NG Plus 6 Case IH 2188
VIRGINIA										
JR Newcomb Hanover, VA	281.0657	Pioneer P2088HR	HX1/LL/RR2	Poncho 1250	31600	Tombstone	Lumax Simazat	Quilt Xcel	230/30/250	John Deere 1770 Case IH 8230
Brett Wightman Edinburg, VA	271.0628	NK Brand N79Z 3000GT	AS3000GT	Avicta Complete	34500	Warrior II	Halex GT, Pricep 4L Touchdown Total Bicep II Magnum	Quilt Xcel	150/0/0	John Deere 1750 John Deere 9500
Patrick Newcomb Hanover, VA	266.4929	Pioneer P0912HR	HX1/LL/RR2	Poncho 1250	32400	Asana XL	Lumax Simazat	Approach	230/30/250	John Deere 1770 Case IH 8230
WASHINGTON										
Kent Mackay Mesa, WA	280.9670	Pioneer P0474AM1	AM1/LL/RR2	Cruiser Extreme 250	38000	—	—	—	325/45/20	John Deere 1720 CCS Stack-Fold John Deere 9780STS
Kurtis Cox Farms, Inc. Warden, WA	204.7725	Pioneer P9910R	RR2	None	40000	—	Roundup	—	300/140/120	John Deere 7300 MaxEmerge 2 John Deere S680
WISCONSIN										
Laskowski Farms Plover, WI	315.8034	Pioneer P0533AM1	AM1/LL/RR2	Poncho 1250	38000	—	Cinch ATZ Lite	—	280/60/80	John Deere 1770 John Deere 9510
J Laskowski Plover, WI	306.0404	DEKALB DKC53-56	GENSTX/RIB	Poncho 250	38000	—	Cinch ATZ Lite	—	280/60/80	John Deere 1770 John Deere 9510
Fenwick Farms Brodhead, WI	286.3862	DEKALB DKC66-40RIB	GENSSRIB	Poncho 500	38000	—	Roundup PowerMax Landis, Lumax EZ	Headline AMP Stratego YLD	300/200/180	John Deere 1770NT Case IH 8230
WEST VIRGINIA										
Federal Hill Farm, Inc. Charles Town, WV	206.1512	Pioneer P2088AM1	AM1/LL/RR2	Poncho 250	35000	—	Aatrex, Princep 2, 4-D, Instigate	—	180/32/30	Allis-Chalmers 79 Air Champ Case IH 1660
WYOMING										
Brett Meyer Torrington, WY	237.8226	Pioneer 35F37	RR2	Poncho 250	40000	—	Verdict, Resolve Q Roundup PowerMax	—	300/65/22	John Deere 1760 Conservation John Deere 9660
Hardrock Farms Wheatland, WY	212.0002	Pioneer 35F37	RR2	PPST 250 Amplify D	38710	—	Roundup PowerMax Status	—	300/200/100	John Deere 1720 MaxEmerge XP John Deere 9500

NATIONAL CORN GROWERS ASSOCIATION

NATIONAL CORN YIELD CONTEST

BASF The Chemical Company · JOHN DEERE · DUPONT PIONEER

2013 ENTRIES BY STATE

Affiliated States

Alabama	34
Arkansas	228
Colorado	110
Georgia	96
Illinois	1,111
Indiana	295
Iowa	1,281
Kansas	470
Kentucky	247
Louisiana	125
Maryland	112
Michigan	651
Minnesota	449
Mississippi	171
Missouri	473
Nebraska	963
New York	71
North Carolina	267
North Dakota	76
Ohio	301
Oklahoma	92
Pennsylvania	89
South Carolina	99
South Dakota	342
Tennessee	173
Texas	123
Virginia	98
Wisconsin	130
Unafiliated States	**306**
Total Entrants	**8,983**

	All Entrants	State Winners	National Winners
Average Yield (bu)	235.1026	262.9693	354.6722
Planting Population	33,616	34,821	39,166
Harvest Population	32,160	33,833	39,222
Nitrogen (lbs)	201.85	228.68	293.33
Phosphorus (lbs)	61.36	61.61	76.06
Potassium (lbs)	79.03	87.76	155.5
Trace Elements	34.14%	44.47%	44.44%
Manure	13.87%	24.65%	22.22%
Fall	24.75%	11.75%	0.00%
Spring Preplant	45.55%	43.32%	38.89%
At Planting	42.31%	59.91%	61.11%
Sidedress	53.16%	67.74%	88.89%
Starter	54.04%	70.74%	83.33%
Nitrogen/bu. (lbs)	0.86	0.87	0.83
Incorporated	74.93%	63.36%	50.00%
Surface Applied	48.89%	61.98%	61.11%
Irrigation	10.39%	22.81%	33.33%
Soil Test	62.33%	74.65%	88.89%
Corn	30.12%	38.02%	27.78%
Soybeans	57.42%	37.56%	38.89%
Wheat	5.38%	8.99%	16.67%
Alfalfa/Hay	0.86%	2.07%	5.56%
Other	6.22%	13.36%	11.11%

** Fertilizer (lbs.) include only chemical fertilizer - no N/P/K from manure included. Percentages are based on number of entrants reporting.

* **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-seven states participated in the contest; 48 seed companies were represented. The 434 State Winners planted 172 hybrid numbers. A total of 786 hybrid numbers were planted by 8,983 entrants.

2013 ENTRIES BY CLASS*

	# of Entries	Winning Yield
A Non-Irrigated	1,264	302.2070
AA Non-Irrigated	2,754	374.6210
A No-Till/Strip-Till Non-Irrigated	1,060	332.7937
AA No-Till/Strip-Till Non-Irrigated	844	315.2033
No-Till/Strip-Till Irrigated	1,233	454.9837
Irrigated	1,806	418.3376
No Class Marked	22	
Total	**8,983**	

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