

Rediscover Wheat

Kansas Wheat Commission Annual Report Presented to the House Committee on Agriculture and Natural Resources Monday, March 9, 2015 By Brian Linin, Goodland Kansas Wheat Commission Secretary/Treasurer

Chairperson Schwartz and members of the committee, thank you for the opportunity to provide an annual report from the Kansas Wheat Commission. My name is Brian Linin, and I am the Secretary/Treasurer of the Kansas Wheat Commission. I am the Chief Financial Officer at Frontier Ag, Inc., in Goodland, and I farm in Sherman County.

The Kansas Wheat Commission was established by the Kansas legislature in 1957 to represent the state's wheat producers in the areas of research, domestic marketing, international marketing, education and communication. It is funded by the wheat assessment, which collects two cents per bushel of wheat at the first point of sale. The Kansas farmers who grow wheat are our stakeholders, and our nine-member commission represents these farmers.

In addition to copies of this testimony, we have presented you with a copy of our 2014 Annual Report and our FY 2014 annual audit.

The growing conditions faced during the fiscal year 2014 were some of the toughest on record. Kansas wheat farmers dealt with drought, record temperatures and freeze. But, in this year to forget, there were some monumental things that happened for the Kansas wheat industry.

The stresses faced in the field emphasized the importance of improving wheat genetics, with the end goal of getting improved varieties into the hands of farmers faster.

Our first major success story is the beginning of research in the Kansas Wheat Innovation Center, located north of Bill Snyder Family Stadium on ground owned by Kansas State University, just off of Kimball Avenue in Manhattan. This center, paid for by farmers through the wheat assessment, is designed from the ground up to conduct cutting-edge research in wheat variety development. It has 25,000 square-feet of laboratory and greenhouse space, and right now a dozen full- and part-time plant scientists are working to create wheat "doubled haploids," which can speed up the time it takes to create new wheat varieties from 12 years to 6 years. Heartland Plant Innovations, the company in charge of this doubled haploid work, was started by the Kansas Wheat Commission and Kansas Association of Wheat Growers to perform wheat research. This year, HPI became one of the largest double haploid companies in the world by taking on the promise to deliver more than 30,000 doubled haploid lines to breeders across the U.S., with expansion in the upcoming years. HPI serves both public and private companies, solidifying its place as one of this nation's key wheat research companies. Since its inception five years ago, HPI has added as investors several multi-national food and agricultural research companies. HPI is now diversifying into wheat genetic discoveries and grain sorghum research.

The National Science Foundation has named Kansas State University as its lead institution for the world's first Industry/University Cooperative Research Center on wheat. The premier center, named the NSF I/UCRC Wheat Genetics Resource Center, is the first National Science Foundation-established research center for any crop plant. This year, the National Science Foundation began work on leveraging diversity for heat and drought tolerance in wheat. It will continue to focus on improving the food production and disease resistance of wheat and other crop plants, as well as serving as a training hub for graduate students and young researchers. It is a collaboration of 12 public entities and private companies, all coming together to fund efforts of K-State and Colorado State scientists, who are working to screen through the Wheat Genetics Resource Center's massive collection of wild wheat relatives, in search of new forms to increase yields through heat tolerance, water-use efficiency and disease resistance. This center is helping to bring innovative research techniques and efforts to the wheat industry, which, though the most widely planted crop in Kansas, worth around \$2.5 billion dollars a year in farm-gate value, has historically struggled to attract private investment in research.

KSU expanded operations by moving the world-renowned Wheat Genetics Resource Center into the KWIC lab space. Through a National Science Foundation grant, the WGRC became the first plant science National Science Foundation Industry/University Cooperative Research Center. The WGRC houses the world's premier collection of wheat germplasm and genetic tools. With the new partnerships, the WGRC will be a center for improving the global wheat crop and solving problems that limit current wheat production. Founded in 1982, the WGRC collects, conserves and utilizes wild wheat germplasm for crop improvement and

sustainable production. With a gene bank that houses more than 2,500 wheat species accessions, it is a lifetime of work for scientists hoping to improve wheat varieties and the wheat industry. The research being conducted on the wild wheat genetics directly benefits Kansas farmers through new wheat varieties.

Public/private partnerships with projects focused on wheat became a reality. Rooms used only for storage during the first year of the Kansas Wheat Innovation Center have now been renovated into two brand new lab spaces filled with wheat researchers. The new molecular biology lab and Wheat Genetics Resource lab provide the space for increased collaborative wheat research at the center. The molecular biology lab houses scientists from Heartland Plant Innovations, Kansas State University and General Mills.

If you haven't had a chance to visit the Kansas Wheat Innovation Center, we invite you to visit Manhattan anytime for a tour of the facility.

The Kansas Wheat Innovation Center represents the single largest investment by wheat producers in this nation, but it is not the only way in which wheat farmers invest in wheat research. Each year, the Kansas Wheat Commission hears from more than two dozen researchers from Kansas State University, USDA and other key entities about a variety of research proposals that help wheat farmers increase yields and improve profitability, plus ensure the quality and integrity of Kansas-grown wheat to end-users and consumers. Again, as in past years, the Kansas Wheat Commission has invested more than \$1.1 million – more than 20% of our budget – in these research proposals.

Included in these research proposals is funding toward K-State's wheat breeding programs in Manhattan and Hays. Our continued involvement in these two programs led to the release of the hard red winter wheat variety, "Everest," four years ago. Everest continues to be the most widely-planted variety in Kansas. K-State wheat breeder Allan Fritz released a new variety this year. "KanMark," which has very good drought tolerance and yields well in western Kansas, is a strong, consistent performer. K-State varieties account for more than 20% of planted acres in the state.

Cereal Biochemist Chris Miller began work on investigating the possibility of celiac edible wheat. In an effort to meet consumer demands and provide whole grain products to those suffering from Celiac Disease and unable to eat wheat, his research hopes to find a solution. Miller is working on screening Kansas wheat varieties for celiac sensitivity in the hope to isolate the proteins that cause the negative reaction in order to breed celiac friendly wheat.

Each year Kansas farmers export roughly half of the Kansas wheat crop, making export promotion through U.S. Wheat Associates essential. U.S. Wheat is an organization of 19 state wheat commissions that leverages farmer and federal foreign market development dollars to promote wheat exports.

The U.S. wheat industry's biggest hard red winter customer came as a pleasant surprise for Kansas wheat farmers. Brazil purchased 4.1 million metric tons or 162 million bushels of hard red winter wheat for the marketing year 13/14. That's equivalent to about half of the 2013 Kansas wheat crop. These largest buyers of bread wheat in the world visited a grain elevator and wheat farm in Kansas. These executives were able go back to their mills with a greater knowledge of how to specify for the best quality and value from the U.S. HRW supply.

Nigeria, one of the top importers of U.S. wheat, continues to be a success story for U.S. trade relations. The market has grown from purchasing 12.9 million bushels of U.S. wheat in 1992 to about 98.8 million bushels in the 13/14 marketing year. Tremendous growth in the Nigerian market is partially due to trade team visits to learn about the U.S. grain industry. To encourage this trade partnership, the Kansas Wheat Commission hosted eight senior managers from Nigerian milling and pasta manufacturing companies in June 2014.

Each year, teams of millers and buyers travel to Kansas to see harvest and where their wheat comes from. The intent of these trade teams is to provide a quick but thorough overview of our wheat industry. Year in and year out, it seems that visiting a Kansas wheat farm – and riding a combine – is the highlight for these visitors and creates long lasting relationships.

We work very closely with the International Grains Program of K-State's Grain Science and Industry Department to provide educational opportunities for domestic and international milling groups, grain buyers and farmers. The proximity of our building to the IGP headquarters – we are just across the driveway – lends itself to even greater cooperation in the future.

Nutrition education continues to be an important focus for the Kansas Wheat Commission. Our new Kansas Wheat Innovation Center is equipped with a test kitchen, and we have a full-time nutrition educator on staff. We are one of the few state wheat commissions to continue to make nutrition education a priority; this is vital as we continue to battle fad diets such as the gluten-free trend. The Kansas Wheat Commission belongs to two national organizations: the Wheat Foods Council and the Home Baking Association, both of which have remained vigilant on these diet topics and have been instrumental in disseminating accurate nutrition information regarding wheat and wheat foods. We have taken advantage of our test kitchen to video tape baking demonstration videos to share with consumers and give tips on home baking.

Also in an effort to educate consumers about wheat, Kansas Wheat participated in an event in Washington, D.C. on June 14, 2014. Kansans attended as part of the U.S. Botanic Garden's "Amber Waves of Grain" family festival. Kansas Wheat and Home Baking Association led demonstrations on how to mix, knead, shape and bake flour tortillas. Visitors had the opportunity to sample the tortillas, fresh from the griddle. Participating groups included Kansas Foundation for Agriculture in the Classroom, U.S. Wheat Associates, National Association of Wheat Growers, Kansas Association of Straw Artists, American Bakers Association and North American Millers Association. During their time in D.C. they communicated the importance of wheat and agriculture to our country and shared the art of home baking. The Amber Waves of Grain exhibit ran May 24 through October 13, 2014.

We continue to host a Wheat Yield Contest, in which top yields are rewarded with a cash prize at the Kansas State Fair. The contest is designed to encourage farmers to push yield potential and use best management practices. In 2014, the top yield was 89 bushels per acre. We also reward the highest-quality wheat entry, as we want to continue to lead the world not only with ample quantities of wheat, but ample quality wheat, too.

These are just a few examples of how your Kansas Wheat organizations are working on your behalf to spur innovation and make a positive difference in our industry.

Though we have had some recent snow events, we're still concerned about the lingering effects of the drought on this year's crop. Ag Statistics estimates Kansans planted 9.4 million acres this fall and only 44% of the crop is currently rated in good to excellent condition. We are hopeful that Mother Nature will help us grow another bountiful crop this year so that we can do our part to feed a hungry and growing world.

This concludes my report. Thank you once again for your support, this opportunity to share with you our efforts and your leadership in the future as we continue to work together. I'd be glad to answer any questions the committee may have.



2014 Annual Report Kansas Wheat Commission | Kansas Association of Wheat Growers



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KWC Commissioners

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Scott Van Allen, Clearwater SECRETARY/TREASURER
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Brian Linin, Goodland
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Justin Knopf, Salina
Richard Kvasnicka, Winona
Roger May, Oberlin
Jim Michael, McCune
Marvin Schlatter, Hutchinson
Eric Sperber, Colby

A look back from the CEO

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The stresses throughout the state faced in the field emphasized the importance in improving genetics. With the end goal to get them in the hand of farmers faster with improved wheat varieties. At the Kansas Wheat Innovation Center:

- The National Science Foundation began work on leveraging diversity for heat and drought tolerance in wheat.
- KSU expanded operations by moving the world-renowned Wheat Genetics Resource Center into the KWIC lab space.
- Public/private partnerships with projects focused on wheat became reality.
- Heartland Plant Innovations became one of the largest double haploid companies in the world by taking on the promise to deliver over 30,000 DH lines to breeders across the U.S.
- The world's largest buyers of bread wheat were hosted by Kansas Wheat representatives.

These are just a few examples of how your Kansas Wheat organizations are working on your behalf to spur innovation and to make a positive difference in our industry. This is just the beginning, and we look forward to putting a year to remember together in the future, as we plow through the challenges Mother Nature throws our way.

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New Staff Members Join Kansas Wheat

Kansas Wheat welcomed two accomplished communications professionals to the team in 2014. Marsha Boswell, Wamego, Kan., was named Director of Communications and Jordan Hildebrand, Stafford Kan., became the first-ever Program Assistant.

Boswell was Public Relations Specialist for Kansas Wheat from 1999 to 2008. During her first tenure at the KWC, Boswell developed successful promotional campaigns, implemented communications strategies, and was responsible for printed materials, online, and radio communications. In 2008, Boswell began working at Washburn University School of Law, where she was Director of Marketing Communications. At Washburn Law, she managed production and design of printed materials, developed and implemented communication strategies and oversaw the complete overhaul of the website. Boswell is a 2008 graduate of Kansas State University's Master of Agribusiness program. She returned to Kansas Wheat in January 2014.

Jordan Hildebrand is a 2014 Kansas State University graduate, earning her bachelor's in Agricultural Communications and

Journalism. She comes to Kansas Wheat with an excellent resume of experience, previously serving as editor of the *Agriculturist* magazine and working on communications during her internships with the International Grains Program and Senator Moran. Growing up on a wheat farm, Jordan is excited to use her degree to serve wheat farmers.

"I think there is going to be a tremendous amount of growth in the wheat industry, and I am excited to be a part of it," she said.

Hildebrand joined the Kansas Wheat team in June 2014.

The program assistant position was created to support the Director of Communications and Director of Governmental Affairs. Adding a staff member will allow expansion of communications and policy efforts.

"Marsha and Jordan are both great additions to our Kansas Wheat team as they bring skills that can expand our capabilities in both communications and offerings for membership of the association," said Justin Gilpin, Kansas Wheat CEO.

Bob Dole Pays a Visit to KWIC



Former U.S. Senator Bob Dole spoke to a crowd of more than 150 at the Kansas Wheat Innovation Center to share his appreciation for the people of Kansas. The stop was part of his return to Kansas for a gratitude tour with the intention of visiting all 105 counties to thank people who have supported him along his career.

"I appreciate what they (the people of Kansas) did for me so I could do something for Kansas," Dole said.

Senator Dole is recognized on the Kansas Wheat Innovation Center Founders' Wall for his contribution to the Kansas Wheat Research Foundation.

"We are grateful for Senator Bob Dole's long-time support of farm legislation and export promotion programs," said Kansas Wheat CEO Justin Gilpin. "Being from the heartland, he has always known the importance of agricultural production and its value to the U.S. economy."

Dole, 91, has been an advocate for universal childhood education and nutrition. He and Former U.S. Senator George McGovern dedicated themselves to the elimination of hunger at home and abroad.

Wheat Foods Council Battles 'Gluten-Free' Fad



The Wheat Foods Council has identified the gluten-free trend as the top threat to wheat consumption in the U.S. and set out to combat the false information about gluten. This year, they distributed gluten information at the Academy of Nutrition and Dietetics and the Society of Nutrition Education and Behavior conventions to ensure nutrition professionals are equipped with accurate information. Also, the Council has met with some of the world's leading celiac disease researchers, Dr. Alessio Fasano and Dr. Joseph Murray, to assure them that the increase in CD is not from the wheat. In addition, numerous letters have been written to influencers in the gluten conversation who have given inaccurate information to the public. The Council worked with Family Features to provide newspaper and online outlets "The Truth about Gluten" which quoted renowned CD researchers and dietitians. Supermarket registered dietitians are one of the Council's prime audiences, and they have received numerous materials about gluten and a PowerPoint presentation. This presentation, among many other resources, is on the Council's website (wheatfoods.org) for anyone to use.

Wheat Farmer Turned Scientist

The Kansas Wheat Innovation Center is a farmer funded center, focused on wheat research, built by farmers, for farmers. The \$11 million facility is home to more than the Kansas Association of Wheat Growers and Kansas Wheat Commission. In conjunction with Kansas State University and several private companies, hundreds of thousands of dollars of wheat research takes place inside its doors. But who would have thought an actual wheat farmer would be doing the science? Meet Tyler Suelter, a third generation farm kid, who grew up on a diversified crop and livestock operation in Lincoln County, Kansas.

He is a research associate for Heartland Plant Innovations, the for-profit entity of which the Kansas Association of Wheat Growers is the major shareholder. After earning degrees from Kansas State University in Biology and Chemistry in 2007, Suelter went home to work on the family farm. But, it turns out greenhouses serve him better than wheat fields. In 2012, after a few years of farming, he applied for a job with HPI and left the farm in the hands of his father and brother and traded his coveralls for a lab coat.

"Farming is really hard work, and I respect the people that do it, but I like sitting in an air conditioned laboratory and not worrying whether it is going to rain tonight or not," says Suelter. "It's hard to live like that, always worrying about things that you can't control."

Now he is working to help farmers on the one thing they can control, genetics. His work with HPI includes creating doubled haploid plants, working with wheat breeders and companies to help design the best product for wheat research.

"I love working with the plants and the people in the business,"



says Suelter. "I really enjoy working with customers designing what we are going to do for them to help improve their wheat program."

For Suelter, his work and the research going on at the Innovation Center truly goes full circle. He has been able to see all the steps it takes to get a wheat plant to the field and then from the field to the plate. He has now been a part of it all as a researcher, farmer and consumer. The wheat seed his father plants each fall has a bit deeper meaning now.

"It really does go full circle for me," Suelter says. "I get to see the work that goes into a wheat plant that my dad is going to plant and harvest. I understand things now that I never understood growing up, like all the work and all the effort that goes into making these specific crops



and where all these traits in wheat are coming from."

June 30, 2014, marked the end of the first fiscal year of wheat research in the Kansas Wheat Innovation Center. Completed in 2012, the building stands as a testament to wheat farmers' commitment to the future of their crop, something Suelter sees as vitally important.

Suelter says he believes wheat is a crucially important crop, providing 20% of the world's daily calories. With a global population expected to hit 9 billion by 2050, wheat has some progress to make in order to help provide for this growth.

"I can't overstate how important it is to get wheat caught back up to corn and soy because it has lost a lot of ground, and you can see that in the number of acres that have been planted into things other than wheat in the last 20 years," says Suelter.

He is committed to being a part of helping wheat get there, but he sees the Innovation Center as proof that Kansas wheat farmers are too.

"This building and continued investment in research really demonstrates the value that Kansas farmers see in the research that is being done at K-State and across the world to improve wheat," he says. "They are investing in their own future because they see the production of new lines and new genetic diversity as a benefit to themselves."

Actually having seen how that breeding process works and taking part in improving those plants and getting them ready for commercialization through producing double haploids, has given Suelter a new perspective on how important our food supply is.

This perspective is not just as a farmer who raises it, he says, but as someone behind the scenes helping produce these new varieties and improve genetics.

The future of the wheat industry is something that is close to Suelter's heart. Though he isn't the one with the keys to the combine anymore, he is helping Kansas wheat farmers like his family by investing in the future through wheat genetics research.

WGRC Relocates to NSF Center

Wheat?

The Wheat Genetics Resource Center relocated to the Kansas Wheat Innovation Center in October, 2013, marking the beginning of a cornucopia of partnerships to progress research in wheat.

"I remember when we were storing seed on a bench," Jon Raupp, senior scientist for the WGRC said. "Now to have this facility is amazing."

Originally located in Throckmorton Hall at Kansas State University, the WGRC outgrew their lab space and gene bank storage and the Kansas Wheat Commission Gluten-free

was able to help.

Through a National Science Foundation grant, the WGRC became the first plant science National Science Foundation

Industry/University Cooperative Research Center. This required extended space than what was offered in Throckmorton Hall, and Kansas Wheat began building again.

Bikram Gill, the center's director said the Kansas Wheat Commission has always been an organization that the WGRC could depend on.

"The Kansas Wheat Commission has been the anchor through all the ups and downs, and I think their role, and the role of the Kansas farmer is huge," Gill said. "The biggest secret to our success has been having good rapport with Kansas wheat farmers. I don't think we could have succeeded without them."

The WGRC houses the world's premier collection of wheat germplasm and genetic tools. With the new partnerships, the WGRC will be a center for improving the global wheat crop and solving problems that limit current wheat production. Founded in 1982, the WGRC collects, conserves and utilizes wild wheat germplasm for crop improvement and sustainable production. With a gene bank that houses more than 2,500 wheat species accessions, it is a lifetime of work for scientists hoping to improve wheat varieties and the wheat industry.

The research being conducted on the wild wheat genetics directly benefits Kansas farmers through new wheat varieties. The wild wheat germplasm

contains traits that are targeted through research for use of traits such as drought resistance, insect and disease resistance, protein content and more.

The partnership between the WGRC and Kansas Wheat has led to the creation of the Kansas Wheat Innovation Center. Heartland Plant Innovations and Earth's Harvest. Together, the groups are working to protect and expand the impact of genetic

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such as food security, genetic diversity and crop improvement.

"Farmers should be proud because there is a lot of value to have a facility where there is a growing focus on wheat research," said Will Zorilla, program manager at Earth's Harvest. "It definitely makes for a true collaborative center. I do not think it could have happened at this scale if we did not have this facility."

Kansas Wheat Innovation Center Expands

What served as storage rooms for the first year the Kansas Wheat Innovation Center was inhabited have now been renovated into two brand new lab spaces filled with wheat researchers. The new molecular biology lab and Wheat Genetics Resource lab provide the space for increased collaborative wheat research at the center.

The molecular biology lab houses scientists from Heartland Plant Innovations, Kansas State University and General Mills. The WGRC lab and seed storage room are now home to one of the largest ancient wheat variety gene banks and the home of the firstever plant science National Science Foundation Industry University Cooperative Research Center.

The new lab space will allow collaborative research from K-State, Oklahoma State University, Colorado State University, private industry and others in a state of the art facility. Research for wheat producers from all sectors of the industry can now come together in a space built by wheat farmers. Just over a year after the Kansas Wheat Innovation Center was completed, the \$400,000 addition has the center fully occupied making maximum use of the space for new discoveries in wheat.



6-INTERNATIONAL MARKETING

World's Top Wheat Buyer is Hungry for U.S. Wheat

The U.S. wheat industry's biggest hard red winter customer for marketing year 2013/2014 came as a pleasant surprise for Kansas wheat farmers. Brazil purchased 4.1 million metric tons or 162 million bushels of hard red winter wheat for the marketing year 13/14. That's equivalent to about half of the 2013 Kansas wheat crop.

Due to a temporary tariff change, Brazil, one of the world's leading wheat importers, leaned on the U.S. to feed their need for wheat.

"Brazil got a taste of U.S. wheat this year and they really, really like it," said Aaron Harries, Director of Marketing for Kansas Wheat. "We hope the quality will bring them back again for more purchases."

Brazil is South America's largest wheat importing market,

but typically only purchases about 15 million bushels per year from the U.S., instead relying on fellow Mercosur member Argentina for the bulk of its wheat imports. This year, however, both Brazil and Argentina's wheat crops fell short. That supply situation, combined with concerns of inflation in Argentina, caused exports to South America to skyrocket. Exports to Brazil rose 709% compared to marketing year 12/13.

On April 1, 2013, Brazil lifted a 10 percent common external tariff on wheat, including for the U.S., for a quota of 36.7 million bushels (1.0 MMT). Brazil continued to repeatedly suspend the tariff allowing for the spike in importing of U.S. wheat. The trend will also impact marketing year 14/15 as Brazil lifted the tariff again for about 40 million more bushels of duty free wheat in June 2014. Argentina's crop will be harvested in the fall, but shortages are still projected for wheat-hungry Brazil.

"Even if Argentina has a better crop this year they still face the challenge of government policies to overcome," said Dalton Henry, Kansas Wheat Director of Governmental Affairs. "We had a really good year in being able to show the Brazilian market the quality and consistency that Kansas wheat provides, and I think they really liked that."

Brazil's revised tariff rate quota is temporary, but it has provided U.S. wheat producers with an opportunity to gain new market access. U.S. Wheat Associates, the industry's export trade association, is hopeful that Brazil may institute a permanent increase in the tariff rate quota, as a duty free period has been implemented several times in the last five years.

Another market opportunity exists with Brazil's prior trade agreements. The U.S. had about 50% market share in Brazil before the implementation of the Mercosur agreement in 1991, which gave duty free access to wheat from Argentina, Paraguay, Uruquay



and Venezuela. During the 1994 Uruguay round, Brazil agreed to market access for wheat from non-Mercosur, WTO members for 27.6 million bushels per year, but never implemented the measure. This year's action could lead to permanent market access and, as a result, increased market demand for Midwest wheat producers. It would also provide a consistent, competitive alternative for Brazil's milling industry that would ultimately benefit Brazil's consumers.

"We are working very hard to get new market access for U.S. wheat producers and get Brazil to live by their trade agreements," said U.S. Wheat Associates Vice President of Policy, Shannon Schlecht. "For the Midwest, the tariff rate quota, or getting new market access into Brazil would create new demand for HRW wheat, would be good for HRW producers and would raise overall farm gate prices, if you can keep everything else equal."

Additionally, Kansas wheat producers and USW have worked together to maintain a good relationship with the Brazilian wheat industry.

The quality of U.S. wheat caught the eye of Brazilian millers and buyers, bringing a trade team to Kansas to see the 2014 wheat crop. A group of five executives representing the largest flour mills in Brazil visited Kansas to learn more about the condition of the U.S. hard red winter wheat crop as well as the wheat supply system.

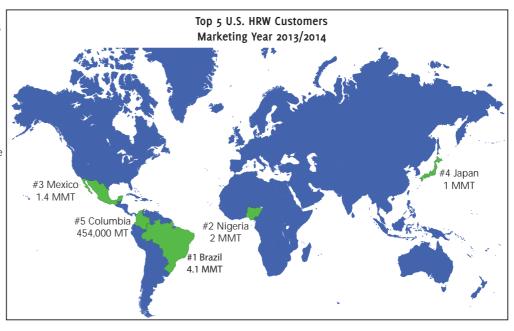
The group visited Gavilon Grain in Haysville, Kansas, and toured Kansas Wheat Commissioner Scott Van Allen's farm near Clearwater. By visiting farms in Kansas, meeting with commercial elevator managers and seeing the USDA grain inspection system, these executives were able go back to their mills with a greater knowledge of how to specify for the best quality and value from the U.S. HRW supply. This experience is intended to give them the confidence to consider buying more U.S. wheat even when Argentine wheat is available, in part because the demand for

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higher quality wheat foods, including whole wheat products, is growing in Brazil.

"Any time we can have more market access and reduce tariffs, it is a positive for U.S. farmers," said Van Allen. "We always strive to deal on a level playing field. U.S. farmers can compete with just about anyone on a farmer-to-farmer basis, but we can't compete with foreign governments."

The location of U.S. southern ports also makes the U.S. a natural trading partner with Brazil. Several important flour mills operate in northeast Brazil and its northeastern port areas are about the same distance away from southern U.S. ports as they are from Argentina's southern ports. This leaves U.S. wheat at no disadvantage when it comes to shipping costs.



As the nation's leading producers of HRW wheat, Kansas wheat farmers benefited significantly from Brazil's tariff changes for marketing year 13/14. Consistent market demand from one of the world's largest wheat importing countries would see even more U.S. wheat sales to Brazil if that temporary opportunity becomes permanent law.

Nigeria Demands U.S. Wheat

Nigeria, one of the top importers of U.S. wheat, has become a success story for U.S. trade relations. The market has grown from purchasing 12.9 million bushels of U.S. wheat in 1992 to about 98.8 million bushels in the 13/14 marketing year. Tremendous growth in the Nigerian market is partially due to trade team visits to learn about the U.S. grain industry. To encourage this trade partnership, the Kansas Wheat Commission hosted eight senior managers from Nigerian milling and pasta manufacturing companies in June 2014.

"The growth of U.S. wheat exports to Nigeria has been exceptional," said USW Regional Assistant Director Gerald Theus, based in Cape Town, South Africa, who accompanied the team. "Thanks to the relationships built in Nigeria and between the farmers, USW and Nigerian millers on teams like these, U.S. wheat has found a home in Nigeria. And it is there to stay."

While in Kansas, the executives toured the AgMark grain handling terminal in Concordia in order to see first-hand the technology and innovation present in the wheat industry. Participants also met with Kansas State University instructors at the International Grains Program, visited the USDA Center for Grain and Animal Health Research and toured the Kansas Wheat Innovation Center.

Aaron Harries, director of marketing for Kansas Wheat, traveled with the team during their time in Kansas.

"Nigerian flour millers continue to be extremely good customers for Kansas wheat farmers. Fifty percent of the Kansas wheat crop



is exported every year, and Nigeria has been the top buyer in most recent years. They love the consistent quality they get in wheat from the U.S."

United States wheat continues to dominate Nigeria's import market, even with increased competition from suppliers like Canada and Australia. A large factor in this trading success story are the relationships that are developed between the supplier and the buyer because of these trade team experiences. After the conclusion of their U.S. wheat industry tour, these eight executives went back to their facilities with a better understanding of the quality and reliability of the U.S. wheat industry.

8-DOMESTIC MARKETING

Wheat Celebrated in Washington D.C.

A baker's dozen wheat representatives from Kansas traveled to Washington, D.C., in June to share their expertise with the more than 10.000 visitors to the U.S. Botanic Garden.

"Amber Waves of Grain is our summer terrace show this year," said Ray Mims, interim press officer at the U.S. Botanic Garden. "We are really celebrating the beauty and the diversity as well as the history and importance of wheat here in the U.S. and across the world." The Amber Waves of Grain exhibit ran May 24 through October 13, 2014.

"We felt like it was a great opportunity to tie the U.S. Botanic Garden's historic roots, which really came from agriculture at the founding of this nation and bringing that to the forefront, in conjunction with the 100th anniversary of the birth of Dr. Norman Borlaug, who was honored with a statue that went into Statuary Hall this March on his birthday," said Dr. Ari Novy, Acting Executive Director.

The Kansas delegation attended as part of the U.S. Botanic Garden's family festival, held on June 14. Kansas Wheat's Nutrition Educator, Cindy Falk, and Home Baking Association's Sharon Davis led demonstrations on how to mix, knead, shape and bake flour tortillas. Visitors had the opportunity to sample the tortillas, fresh from the griddle.

Other sessions included "Be a Baker," by Kansas Wheat and Home Baking Association; "Beyond the Wheat Fields of Kansas," Kansas Association of Straw Artists display and demonstration of weaving and spinning wheat straw into works of art; and "Wheat's in That?," a value added products display including products from pet foods to postage stamp adhesive to concrete to shampoo; that all include wheat.

At the "Kernel Kids," station, Kansas Foundation for Agriculture in the Classroom representatives and Kansas Wheat's Julie Winsor, director of finance and human resourses, helped participants plant their own seeds in a bag to wear next to their skin. They were able to watch them germinate and start to grow — all thanks to their own body warmth.

North American Millers' Association gave participants the chance to thresh wheat and mill it into flour using a hand-crank flour mill.

The event continued through October including programs involving wheat scientists, farmers and nutrition experts to answer questions and engage in conversations with consumers. Falk, Winsor



and Marsha Boswell, Kansas Wheat director of communications, said attendees were engaged in learning about the milling and baking industries. During their time in D.C. they communicated the importance of wheat and agriculture to our country and shared the art of home baking.

At "A Test of Strength: The 6 Classes of Wheat," U.S. Wheat Associates showed attendees how each class of wheat is used for different products around the world; and at "Milling in Motion."





DOMESTIC MARKETING-9

From Facebook to Farm?



Whoever thought there would be social media contests where the winner earns a trip to your farm? Justin Knopf, Kansas Association of Wheat Growers board member, and his wife Lindsey, hosted the winners of Kansas Farm and Food Connection's social media contest, "Bringing Mom to the Farm: Get the Dirt" event.

Fraser, Dana and Rebecca Wilson of Roeland Park in Johnson County, Kan., earned the opportunity to explore two Kansas farms, Knopf family farms near Gypsum and Tiffany Cattle Feeders in Herington.

Eight-year-old Rebecca Wilson rode in in a combine for the first time, sitting shotgun next to Knopf, observing life on and around

the farm. What the Wilsons saw was a very different scene from their life in Johnson County.

"I'm from Kansas; I live in Kansas. And now I love Kansas even more, knowing what these farmers do for us each and every day," said Dana. "They're ambassadors for the state and Kansas has one of the best products you can find anywhere. Not very

many people realize what goes into these farms, how hard these families work and the science behind it all."

While on the farm, the Wilsons were able to take a closer look at Kansas' famous amber waves of grain and learn about

the importance of wheat, the history of Knopf Family Farms and partake in some pedal tractor races. They even had some photo opportunities taken inside the giant combine tire.

Marsha Boswell, director of

communications at Kansas Wheat, met the Wilsons at the Knopf farm.

"The Wilson family came to the farm ready to learn more about where their

food comes from," said Boswell. "They asked some wonderful questions and seemed to really enjoy themselves. Dana assured us that she would share what she learned with others."

The "Bringing Mom to the Farm" contest was one of the first events hosted by Kansas Farm and Food Connection, a Manhattan, Kansas-based coalition of eight farm organizations formed to connect consumers and the people who grow their food. Kansas Wheat is a mid-level supporter of the coalition annually donating \$5,000 to the cause. in addition



to staff support during events.

Knopf said he believes the event had a strong impact on the Wilsons and his family enjoyed hosting them.

To Knopf, helping families make that connection from farm to fork is just a part of the job and a way to pass on knowledge to the next generation.

"As a farmer, I think that's part of my responsibility, a part of stewardship," he said.

"I'm from Kansas; I live in Kansas. And now I love Kansas even more, knowing what these farmers do for us each and every day," said Dana.

For more information on the Kansas Farm Food Connection and the "Bringing Mom to the Farm: Get the Dirt" contest, please visit raisingkansas.com.



Finally, a Farm Bill

On August 25, 2011, the Senate Ag Committee held the first field hearing for what was originally intended to be the 2012 Farm Bill, in Wichita, Kansas. Fast forward to February 7, 2014, and the 2014 Agricultural Act was finally signed into law. After two separate bills were written due to a change in leadership, a bill failed on the floor of the house, and two split bills ran, a five year farm bill was passed.

"We are excited and thankful to have a strengthened safety net under farm income," said Justin Gilpin, CEO of Kansas Wheat.

Expected to cut spending by \$23 billion over the next decade, the 2014 Agricultural Act brings an end to direct payments and provides increased options for shallow loss programs.

"It was good to see that the Farm Bill included shallow loss coverage," said Dalton Henry, director of governmental affairs for Kansas Wheat. "Essentially, it included improvements to crop insurance and recognized that crop insurance is the central part of our farm safety net."

The bill provides a multi-year authorization for key programs such as the Market Access Program and Foreign Market Development Program. It also shifts commodity support from direct payments to a mix of programs that will only pay when a farmer experiences a loss. The programs include Ag Risk Coverage, Supplemental Coverage Option and Price Loss Coverage.

Crop insurance gained a new provision that will allow producers to remove a catastrophic loss year from the actual production history calculation which could help farmers affected by severe drought or other natural disaster. The USDA plans to have this implemented for the 2016 crop year. Kansas Wheat is teaming up with other Southern Plains States and other Kansas commodity groups to evaluate the impacts of the 2011-13 drought and how it will affect farmers who experienced a catastrophic loss due to the severe drought. Crop insurance also gained permanent enterprise units and allows the splitting of units between irrigated and nonirrigated cropland.

The USDA has recently awarded education monies to land grant universities to create decision-making guides for producers. Kansas State University researchers and economists are working with both Texas A&M and Oklahoma State University to help farmers make informed choices on adjusted farm policy this fall.

With the Farm Bill passage, KAWG's policy efforts will shift toward Farm Bill implementation and annual appropriations for research, Food Aid and market development.

"Now that we have a bill passed, we can't lose sight of our efforts," said Henry. "It's time to focus on the details of implementation because these details determine whether or not these programs will work for wheat farmers."

Two Kansas Farmers Elected to NAWG Board

Paul Penner, Hillsboro, was elected President and David Schemm, Sharon Springs, was elected Secretary/Treasurer to the National Assocation of Wheat Growers Board at the NAWG board meeting on February 27, 2014.

Penner owns and manages a cash grain farm in central Kansas near Hillsboro. His principal crops are wheat, soybeans, grain sorghum, corn and grass hay. In addition, he operates a custom farming enterprise in Marion County. A long-time member of KAWG, Penner held each of the organization's officer chairs and served an additional year-long term each as vice president and president. During his time in KAWG's leadership, he was actively involved in the formation of Heartland Plant Innovations, Inc., a for-profit biotechnology company of which KAWG is a majority shareholder.

"I'm very excited to serve as NAWG president and am looking forward to a productive year. I am grateful for the opportunity to serve as president and will work hard to live up to the expectations set forth," said Penner.

Schemm and his wife Lisa grow wheat, corn, grain sorghum, and sunflowers on their Wallace County farm along with their two sons, Clay and Luke. Schemm has been active on the Kansas Association of Wheat Growers Board since 2002. Within the KAWG, his fellow producers have elected him as a membership district director, secretary/treasurer, vice president and president. Schemm has also served on the board of the National Association of Wheat Growers, having been actively involved on several





Both earning offices on the NAWG board, Penner, left, was elected President while Schemm, right, was elected Secretary/Treasurer in February 2014.

committees including serving as chair of the Domestic and Trade Policy Committee and as a member of the Operations and Planning Committee.

"Serving as an officer on the NAWG board is something I have given a lot of thought to, and I have the belief that I have to be a part of the industry to help make sure that we pass on a strong thriving industry to the next generation," said Schemm. "We've got challenging times with us now and in the future, and we also have a great and positive future."

FINANCIALS-11

Financial State	at Commission ment (unaudited) – June 30, 2014	
Beginning Balance Wheat Assessment Collected	\$2,238,169 \$5,299,958	
Other Income	ψ5,277,750	1
(sales of promotional items,		
Grants, operating activities, etc.)	\$359,459	April 1
Sponsorship Income Interest Income	\$100,000 \$13,565	-
Building Related Income	\$634,717	
Total FY 2014 Income	\$6,407,699	
Refunds to Producers	-\$207,315	
FY 2014 Expenditures		No.
Special Projects	-\$40,000	
Public Issues – Food Aid	-\$165,998	1
Research	-\$1,129,199	
Domestic Marketing	-\$1,037,430	
International Marketing Administration	-\$1,365,094 -\$289,411	Berin
Kansas Wheat Innovation Center	-\$269,411 -\$1,166,920	1
Total FY 2014 Expenditures	-\$5,194,052	1
Ending Balance	\$ <mark>3,</mark> 24 <mark>4,50</mark> 1	-
*This financial statement	t is an unaudited document.	100

The Kansas Wheat Commission budget is based upon the size of the state's annual wheat crop. The 2013 wheat crop totaled 319 million bushels. The Commission collected about \$5.3 million from the two cents per bushel voluntary Wheat Assessment, and refunded \$207,314.59. Each year, the budget is subject to approval by the Commission. The KWC strives to keep about six months of reserves to offset unforeseen disasters.

Money collected through the Kansas wheat checkoff is invested in a variety of projects that meet the Kansas Wheat Commission objectives, including: Public Issues, Research, Domestic Marketing, International Marketing, Administration and Special Projects. In FY 2012, the Kansas Wheat Commission began construction of the Kansas Wheat Innovation Center, a major investment that is helping to shape a bright future for wheat production in Kansas. The construction of the facility was completed in November 2012, and further developments were made in FY 2014.



Kansas Wheat Staff

CHIEF EXECUTIVE OFFICER Justin Gilpin
DIRECTOR OF COMMUNICATIONS Marsha Boswell
NUTRITION EDUCATOR Cindy Falk
DIRECTOR OF MARKETING Aaron Harries
DIRECTOR OF GOVERNMENT AFFAIRS Dalton Henry
PROGRAM ASSISTANT Jordan Hildebrand
OFFICE MANAGER Julie Owens
DIRECTOR OF FINANCE AND HUMAN RESOURCES Julie Winsor
COMMUNICATIONS INTERN Nicole Lane

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Manhattan, Kansas

FINANCIAL STATEMENTS

WITH

INDEPENDENT AUDITOR'S REPORT

June 30, 2014 and 2013





October 14, 2014

To the Commissioners Kansas Wheat Commission Manhattan, Kansas

Independent Auditor's Report

Report on the Financial Statements

We have audited the accompanying financial statements of the Kansas Wheat Commission (the Commission), a commission of the State of Kansas, which comprise the statements of financial position as of June 30, 2014 and 2013, and the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

The Commission's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets of the Commission, as of June 30, 2014 and 2013, and the changes in net assets and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters - Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The schedule of receipts, disbursements, and changes in cash balance - actual and budget is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Varney & Cosociatio, CPAs LIC Certified Public Accountants

Manhattan, Kansas

STATEMENTS OF FINANCIAL POSITION

As of June 30,

		2014		2013
ASSETS				
Current Assets Cash and cash equivalents	\$	3,224,554	\$	2,258,252
Sponsorships receivable		-		28,000
Grants receivable		-		93,253
Other receivable		0.004.554		2,566
Total Current Assets	_\$_	3,224,554	\$	2,382,071
Property, Plant, and Equipment				
Office equipment	\$	292,727	\$	292,727
Lab equipment	•	940,734	•	430,467
Vehicles		75,871		75,871
Furniture and fixtures		379,740		357,895
Building		8,538,639		8,112,545
Accumulated depreciation		(675,614)		(156,203)
Total Property, Plant, and Equipment	\$	9,552,097	\$	9,113,302
TOTAL ASSETS		12,776,651		11,495,373
LIABILITIES AND NET ASSETS				
Current Liabilities				
Accounts payable	\$	-		15,658
Payroll payable		26,723		24,45 7
Sales taxes payable		40		37
Building line of credit		2,770,138		2,770,138
Deferred revenue - Equipment lease		192,814		51,414
Total Current Liabilities	_\$_	2,989,715	_\$_	2,861,704
Non-Current Liabilities				
Compensated absences payable	\$	88,194	_\$_	90,069
Net Assets				
Unrestricted	\$	9,698,742	\$	8,543,600
TOTAL LIABILITIES AND NET ASSETS	\$	12,776,651	\$	11,495,373

Manhattan, Kansas

STATEMENTS OF ACTIVITIES

For Each of the Years Ended June 30,

	2014		2013	
CHANGES IN UNRESTRICTED NET ASSETS		·····		
REVENUE				
Wheat assessments	\$	5,299,958	\$	5,212,853
Refunds of wheat assessments		(207,315)		(247,027)
Net wheat assessments	\$	5,092,643	\$	4,965,826
Economic development grant		231,909		198,189
HPI equipment lease		92,566		53,522
HPI licensing agreement		301,568		140,000
HPI management contract		-		12,500
KAWG cooperative agreement		70,000		70,000
Sponsorships		72,380		81,500
Interest		14,716		14,389
Miscellaneous		61,501		23,859
Total Revenues	\$	5,937,283	\$	5,559,785
EXPENSES				
Building maintenance costs	\$	216,829	\$	107,357
Special projects	Ψ	5,000	Ψ	15,000
Public issues		6,000		.10,000
Research		1,005,742		967,252
Administrative		1,992		6,961
Domestic marketing		734,179		719,112
International marketing		1,188,373		1,145,063
Facility support		375,585		269,499
Payroll		729,030		741,938
Depreciation		519,411		81,384
Total Expenses	\$	4,782,141	\$	4,053,566
CHANGE IN UNRESTRICTED NET ASSETS	\$	1,155,142	\$	1,506,219
UNRESTRICTED NET ASSETS - BEGINNING		8,543,600		7,037,381
UNRESTRICTED NET ASSETS - ENDING	\$	9,698,742	\$	8,543,600

Manhattan, Kansas

STATEMENTS OF CASH FLOWS

For Each of the Years Ended June 30,

	2014	2013
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash received from wheat assessments	\$ 5,299,958	\$ 5,212,853
Cash paid for refunds of wheat assessments	(207,315)	(247,027)
Cash received from sponsorships	100,380	53,500
Cash received from grants	466,562	104,936
Cash received from HPI equipment lease	92,566	104,936
Cash received from HPI facilities lease	301,568	140,000
Cash received from HPI management contract	-	12,500
Cash received from KAWG cooperative agreement	70,000	70,000
Cash received from miscellaneous sources	64,067	21,293
Cash received from interest on cash deposits	14,716	14,389
Cash paid for interest on borrowings	(164,916)	(56,826)
Cash paid to vendors, suppliers, and contractors	(3,384,439)	(3,178,642)
Cash paid for employee wages and benefits	(728,639)	(687,674)
Cash Provided by Operating Activities	\$ 1,924,508	\$ 1,564,238
CASH FLOWS FROM INVESTING ACTIVITIES		
Cash paid for purchases of property, plant, and equipment	\$ (958,206)	\$ (5,445,112)
Cash received from HPI for greenhouse reimbursement	ψ (000,200)	1,302,767
Cash Provided by (Used in) Investing Activities	\$ (958,206)	\$ (4,142,345)
CASH FLOWS FROM FINANCING ACTIVITIES		
Cash received from building line of credit	\$ ~	\$ 1,907,866
Cash paid on Ford motor credit loan	Ψ ~	
·	\$ -	(28,573) \$ 1,879,293
Cash Provided by Financing Activities	<u> </u>	\$ 1,879,293
NET INCREASE (DECREASE) IN CASH	\$ 966,302	\$ (698,814)
CASH AND CASH EQUIVALENTS - BEGINNING	2,258,252	2,957,066
CASH AND CASH EQUIVALENTS - ENDING	\$ 3,224,554	\$ 2,258,252
COMPOSITION OF CASH AND CASH EQUIVALENTS Kansas State Bank - Main Checking Account UMB Bank - Wheat Assessment Depository Account CASH AND CASH EQUIVALENTS - END OF YEAR	\$ 3,029,430 195,124 \$ 3,224,554	\$ 2,157,519 100,733 \$ 2,258,252

Manhattan, Kansas

STATEMENT OF CASH FLOWS (CONTINUED)

For Each of the Years Ended June 30,

		2014		2013
Reconciliation of change in unrestricted net assets to net cash provided by operating activities:				
Change in unrestricted net assets	_\$_	1,155,142		1,506,219
Adjustments to reconcile change in unrestricted net assets to net cash provided by operating activities:				
Depreciation expense	\$	519,411	\$	81,384
Changes in operating assets and liabilities				
Sponsorship receivable		28,000		(28,000)
Grants receivable		93,253		(93,253)
Other receivables		2,566		(2,566)
Accounts payable		(15,658)		(5,261)
Payroll payable		2,266		24,457
Sales tax payable		3		37
Deferred revenue		141,400		51,414
Compensated absences payable		(1,875)		29,807
Total Adjustments	\$	769,366	\$	58,019
Net Cash Provided by Operating Activities	\$	1,924,508	_\$_	1,564,238