Fifty five years ago a program was established by South Dakota wheat producers to promote their product for sale in foreign lands, and to pursue research work which would aid crop quality and production. The 1961 Legislature responded to the state wheat farmers’ request for the self-help market development program by establishing the South Dakota Wheat Commission.

The Commission is producer-funded and producer-run. An assessment on wheat sold in South Dakota provides all operating funds. Use of these funds are determined by a five-commissioner board, appointed by the governor. Commissioners must be actively involved in wheat production and represent the geography and wheat classes of the state. In addition to the five voting commissioners, there are three, non-voting members: the Secretary of the State Department of Agriculture, the Dean of the College of Agriculture and Biological Sciences at South Dakota State University, and a representative of the South Dakota Crop Improvement Association. The Commission is attached to the South Dakota Department of Agriculture, for administrative purposes only.

The sustained success of the Commission is due to the support of the state’s wheat producers and the 35 commissioners that have provided dedicated service and leadership. A complete listing of past and current commissioners can be found in the South Dakota Wheat Commission information at sdwheat.org.
1966 - Support for research at South Dakota State University was an early priority for the South Dakota Wheat Commission. SDSU Dean of Agriculture Duane Acker (left) and South Dakota Wheat Commission Chair Andrew Brakke, of Presho, signed an agreement for the Commission to contribute $2,800 a year over a four-year period to support intensive research at SDSU to study the factors which affect the quality of South Dakota wheat in commercial trade channels.

Above Photo:
1964 - South Dakota wheat farmer, Loren Mills, provided an up-close harvest viewing opportunity to Isamu Ukeo of Tokyo, Japan. Mr. Ukeo represented the Food Agency of Japan and was observing the production of spring wheat in the United States.

Above Inset Photo:
(Left to Right): Loren Mills, Clint Dunlap and Isamu Ukeo.

1961 - Early SD Wheat Commission article communicating the plans that the Commission would follow in the coming years.
Crowd Gathers to Celebrate Groundbreaking for New State Fairgrounds Exhibit Hall

Construction equipment adds excitement and activity to the future site of the Nordby Exhibit Hall on the State Fairgrounds in Huron, S.D.

A groundbreaking ceremony for the Nordby Exhibit Hall for 4-H, Youth, and Community took place on Wednesday, May 27, 2015 at the State Fairgrounds in Huron, S.D.

Over the past several months, the South Dakota State Fair Foundation has been carrying out a capital campaign for the exhibit hall, which will be a statewide home for South Dakota 4-H; something not currently available for 4-H members. The building will be constructed on the site that once featured Clover Hall.

Huron area philanthropist Earl Nordby provided a total of $1.5 million in gifts for the exhibit hall campaign. The South Dakota Wheat Commission was one of several producer and commodity organizations that made contributions to the project.

The exhibit hall’s construction has now begun. When built, the 48,000 square-foot Nordby Exhibit Hall for 4-H, Youth, and Community will feature more than 30,000 square feet of exhibit space, multiple classrooms and a large kitchen for 4-H Special Foods competitions. A performance stage will be constructed for the many 4-H activities, community and regional events that will take place in this building year-round.

Special artwork on the hallway walls in the education wing will feature the contributing organizations including the South Dakota Wheat Commission.

Commissioners Elect Officers

CHET EDINGER
CHAIRMAN

CLINTON VANNEMAN
SECRETARY

LEO WARRINGTON
TREASURER

Members of the South Dakota Wheat Commission have elected their officers for Fiscal Year 2016 (July 1, 2015 to June 30, 2016). They include: Chairman Chet Edinger, Mitchell; Vice Chairman Terry Hand, Midland; Secretary Clint Vanneman, Ideal; and Treasurer Leo Warrington, Bristol.

Winter Wheat Insurance Coverage Expansion in South Dakota

USDA’s Risk Management Agency (RMA) announced that it has extended winter wheat coverage into all counties in South Dakota through the Winter Coverage Endorsement option. Crop insurance provides protection against crop production losses due to natural perils such as drought, hail, and excessive moisture. The winter wheat type for irrigated and non-irrigated practices has been extended into Beadle, Brookings, Clark,Codington, Day, Deuel, Grant, Hamlin, Kingsbury, Lake, Marshall, McCook, Miner, Minnehaha, Moody, and Roberts counties. The winter wheat type summer fallow continuous crop and irrigated practices has been extended into Brown, Campbell, Corson, Edmunds, Faulk, McPherson, Spink, and Walworth counties.

Producers in these counties who have previously planted winter wheat and insured winter wheat as spring wheat will need to re-certify their actual production history databases to separate the acreage and production by type. Winter wheat is no longer insured as spring wheat in these counties. Crop insurance is sold and delivered solely through private crop insurance agents. A list of crop insurance agents is available at all USDA Service Centers and online at the RMA Agent Locator. Producers can also use the RMA Cost Estimator to get a premium amount estimate of their insurance needs online.
Study Shows Farmers Receive $45-to-$1 Return from Wheat Export Promotion Funds

U.S. wheat producers invested an average of $4.9 million in checkoff funds per year to promote their milling wheat overseas between 2010 and 2014, and for every one of those dollars they received up to $45 back in increased net revenue. That is a principal conclusion of a new economic analysis of wheat export promotion released by U.S. Wheat Associates (USW).

USW commissioned the study with funding from the USDA/Foreign Agricultural Service (FAS) Market Access Program. Dr. Harry M. Kaiser, the Gellert Family Professor of Applied Economics and Management at Cornell and director of the Cornell Commodity Promotion Research Program (CCPRP), designed and conducted the research using established methods from his 30 years of research experience.

“The study showed that investing in U.S. wheat export promotion had a large and beneficial impact for producers and the economy that far exceeded its cost,” Dr. Kaiser said. “The econometric models we used showed that between 2010 and 2014 the total investment in wheat export promotion by farmers and the government increased total annual gross revenue by $2.0 billion to $3.0 billion. So for every $1 farmers and the government invested, the estimated return in gross revenue was between $112 and $179.”

Dr. Kaiser added that the most likely annual return is about $149 for each dollar spent based on USDA supply elasticity studies.

Dr. Kaiser quantified the impact of wheat export promotion through models that account for several factors affecting commodity export demand such as prices and exchange rates. The study determined that cutting promotion by 50 percent between 2010 and 2014 would have significantly reduced wheat exports by about 15 percent. That represents a total potential export loss equal to nearly 161.5 million bushels per year.

The value of that loss was determined, then compared to total wheat export promotion cost to calculate a series of benefit-to-cost ratios (BCR).

The BCR from the total promotion cost averaged 14.9 to 1. Because producers contributed about one-third of the total producer and FAS investment through the state check-off program, the BCR for their investment averaged about three times the total, or about 45 to 1. Assuming farmers get ten percent of the total revenue, Dr. Kaiser said the study shows wheat export promotion increased net revenue for farmers by more than $247 million per year. The impact of in-kind contributions from state commissions was not considered in this study.

“Our organization is accountable to wheat farmers and other taxpayers who fund the market development work we do,” USW President Alan Tracy said.

“Dr. Kaiser’s research methods are well respected, and the conclusions echo previous studies in 2004 and 2009, so we can very confidently say that the money farmers provide for export promotion is well worth the investment. In fact, the study predicts that increasing the promotion investment has the potential for even greater returns to wheat farmers, the wheat supply chain and the U.S. economy.”

USW will use additional results from the study to help plan and manage its future activities. The organization has posted full study results on its website, www.uswheat.org.

U.S. Wheat Associates is the industry’s market development organization working in more than 100 countries on behalf of America’s wheat producers. The activities of USW are made possible by producer checkoff dollars managed by 18 state wheat commissions, in-kind support, and cost-share funding provided by USDA’s Foreign Agricultural Service. To qualify for federal funds, USW is required to prepare and submit an annual, comprehensive Unified Export Strategy that details specific market development plans for every country and region.
Commission Support Scholarships

The South Dakota Wheat Commission continues to provide vital scholarship support to students at area institutions. Two scholarships are awarded annually at the Lake Area Technical Institute (Ag Business, Ag Production). At the Mitchell Technical Institute three scholarships are awarded annually (Culinary Arts, Ag Technology, SD Center for Farm and Ranch Management). Four scholarships are awarded annually for undergraduate students within the Plant Science Department at South Dakota State University. Beginning in the spring of 2016 the Commission will also partner with the South Dakota Crop Improvement Association and South Dakota Foundation Seed Stocks Division to recognize a graduate student within the Plant Science Department at SDSU, studying cereal science breeding or pathology, as a McFadden Scholar. The Commission also provides annual support for participants of the South Dakota Agricultural & Rural Leadership program.

Christopherson Elected to National Positions

Reid Christopherson, executive director of the South Dakota Wheat Commission has been elected to two national leadership positions. Christopherson is serving as the secretary/treasurer of the Wheat Foods Council and will be eligible to progress to the Chair in future years. Christopherson has also been elected to the Board of Trustees for the Wheat Quality Council. Both organizations provide vital influence to the wheat industry on the national level.

Governor Reappoints Commissioners

Governor Daugaard has reappointed two Commissioners for additional three year terms. Darrell Davis, Ipswich, has been appointed to an additional term expiring on October 30, 2017. Davis was originally appointed in 2005 and has also served as Chairman of the U.S. Wheat Associates. Terry Hand, Midland, has been appointed to an additional term expiring on October 30, 2018. Hand was originally appointed in 2012.

By the Numbers

2
New spring wheat varieties released.

5
Committed Commissioners.

10
$ million invested in SDSU over the past 20 years.

25
$ returned on $1 investment in SDSU spring wheat breeding.

45
$ returned on $1 investment in Wheat Export Promotion Funds.

55
Years since formation of the South Dakota Wheat Commission.
Wheat producers have a wide variety of genetic material to select against as they develop their annual seed planting plan. The wide opportunity to plant private, certified public or retained seed makes it difficult to assess the preference trends of producers. What varieties are the most popular? What characteristics are important to producers?

Historically the South Dakota Wheat Commission contracted with USDA NASS every third year to conduct a formal survey of South Dakota wheat producers and their wheat variety selections. The last of these surveys was conducted in 2011. Recent changes by USDA NASS to the cost model for these surveys, however, have now created economic challenges to utilization.

In the review of survey tools utilized by neighboring wheat commissions the process developed by the Minnesota Wheat Research & Promotion Council provided the strongest potential at the most reasonable cost.

A survey postcard was mailed to all producers on the South Dakota Wheat Commission’s mailing list in the spring of 2015. The opportunity to complete the survey online was also promoted through a wide variety of social media, conventional radio promotion and print media. We would like to thank all of the South Dakota wheat producers who responded to our 2015 wheat variety survey. We have honored our commitment to maintain the confidentiality of your information.

The results of this survey will help guide our South Dakota State University wheat breeders in developing suitable varieties for production in South Dakota. The results of the survey tell us what varieties are most popular, and what characteristics are most important to you as growers. This year, we had a survey response rate of 11%. We plan to conduct the survey on an annual basis in the future and hope that the response rate will continue to improve. Next year, when you receive the survey, please take a few minutes to complete and return it.
Variety Survey Results

Although responses (286) to the 2015 Variety Survey were somewhat limited, they did represent 11% of the total harvested acres. Appreciation is extended to the South Dakota producers who responded to the survey either by postcard or internet option.

Appreciation is extended to Carolyn Theobald, office manager/accountant for the South Dakota Wheat Commission, for her diligence in compiling the producer responses to this survey.

The South Dakota Wheat Commission extends its appreciation to the Minnesota Wheat Research & Promotion Council for their willingness to share the materials and experiences of their self-developed annual wheat variety survey.

WINTER WHEAT
- 115,847 acres reported
- 970,000 acres harvested
- 12% response

SPRING WHEAT
- 128,236 acres reported
- 1,260,000 acres harvested
- 10% response

ALL WHEAT
- 244,083 acres reported
- 2,236,000 acres harvested
- 11% response

THE TOP REPORTED WINTER WHEAT VARIETIES PLANTED:
- Sy Wolf (Syngenta) = 19%
- Overland (NE) = 19%
- Ideal (SD) = 12%
- Lyman (SD) = 9%
- Expedition (SD) = 9%

THE TOP REPORTED SPRING WHEAT VARIETIES PLANTED:
- Advance (SD) = 16%
- Select (SD) = 15%
- Forefront (SD) = 14%
- Brick (SD) = 11%
- Prevail (SD) = 8%
- Briggs (SD) = 8%

Maynard Klingbeil welcomed participants to the Sully County Crop Improvement Association test plots on his farm East of Onida, S.D. Klingbeil has been active member in the Association for over 52 years.
Winter Wheat Varieties

IDEAL – Ideal hard red winter wheat was developed by the South Dakota Agricultural Experiment Station (SD AES) and released in 2011. The line was tested as SD05118-1 and has the pedigree of Wesley/NE93613. Ideal is white chaffed, awned and semi-dwarf wheat about 2 to 3 inches taller than Wesley. Ideal is a mid-maturity type, with maturity being about 2 days later than Wesley. Winter hardiness and resistance to lodging are also similar to Wesley. Ideal is moderately resistant to stem rust and has the best scab resistance of any variety tested in the North Central Region. It is moderately resistant to leaf and stem rust. Lyman is susceptible to wheat streak mosaic virus.

REDFIELD – Redfield hard red winter wheat was developed by the SD AES and released in 2013. The line was tested as SD06158 and has the pedigree of Wesley/CDC Falcon. Redfield is red chaffed, awned, semi-dwarf wheat about 1 inch taller than Wesley. Redfield is a mid-maturity type, with maturity about 3 days later than Wesley. Winter hardiness and resistance to lodging are also similar to Wesley. Redfield is moderately susceptible to leaf rust and stem rust. The variety is moderately susceptible to moderately resistant to stripe rust. Redfield has higher test weight and better resistance to Fusarium head blight than Wesley. Redfield is susceptible to wheat streak mosaic virus.

LYMAN – Lyman hard red winter wheat was developed by SD AES and released in 2008. The line was tested as SD00111-9 and resulted from a cross of KS93U134/Arapahoe. Lyman is white chaffed, awned, semi-dwarf wheat. The variety is similar to Arapahoe in maturity (medium), height (medium) and winter hardiness, but has slightly less straw strength. Lyman is resistant to stem rust and has the best scab resistance of any variety tested in the North Central Region. It is moderately resistant to leaf and stem rust. Lyman is susceptible to wheat streak mosaic virus.

News Flash

The South Dakota Agricultural Experiment Station has announced the initial release of two new hard red spring wheat varieties. BOOST (tested as SD4299) and SURPASS (tested as SD4383) will be...
Spring Wheat Varieties

ADVANCE – Advance hard red spring wheat was developed by SD AES and released in 2011. The variety was tested as SD4023 and was developed from the population Granger/N98-0230. Advance is a semi-dwarf variety, approximately 1 inch shorter in height than Knudson. Advance is a later maturing variety, approximately a half day later than Steele-ND. The variety is moderately resistant to stem rust, stripe rust and scab. Advance is moderately susceptible to leaf rust. Advance has good test weight and average protein.

FOCUS – Focus hard red spring wheat was developed by SD AES and released in 2015. The variety was tested as SD4362 and was derived from the cross SD3943-21/Brick. Focus is a semi-dwarf variety, slightly taller than Brick with similar straw strength. Focus is an early maturing variety, one day later than Brick, and similar to Select. Focus is moderately susceptible to stripe rust. The variety is moderately resistant to leaf rust. Focus is moderately resistant to Fusarium head blight. Focus has exceptional test weight and average protein.

FOREFRONT – Forefront hard red spring wheat was developed by SD AES and released in 2011. The variety was tested as SD3997 and was developed from the population FN1700-155/FN1500-074/Walworth. Forefront is a tall semi-dwarf variety, similar in height to both Granger and Traverse. Forefront is an early maturing variety, approximately 2 days later than Brick. The variety is moderately resistant to stem rust, stripe rust and Fusarium head blight. Forefront is moderately susceptible to leaf rust. Forefront has good test weight and protein.

PREVAIL – Prevail hard red spring wheat was developed by SD AES and released in 2013. The variety was tested as SD4178 and was developed from the population SD3720/MN98389-A. Prevail is a semi-dwarf variety, similar in height to Advance. Prevail is an early maturing variety, similar to Advance, and 2 days earlier than Forefront. The variety is moderately resistant to stem rust and stripe rust. Prevail is moderately resistant to leaf rust and Fusarium head blight. Prevail has good test weight and average protein.

SDCIA
South Dakota Crop Improvement Association, formed in 1925, is an effective voice of action in all aspects of producing and marketing agricultural crops, including the promotion of agricultural research and education of members. The delivery of research through the release of public crop varieties has been, and remains, a major focus.

www.sdstate.edu/ps/sdcia/

SDSU Foundation Seed Stocks Division (SD FSSD) was organized in 1944 and incorporated in 1945 as a nonprofit corporation. The purpose of SD FSSD is to increase and distribute agronomically superior varieties of seed and propagating materials released by the South Dakota Agricultural Experiment Station, ARS/USDA and other agricultural experiment stations for the benefit of South Dakota agriculture and the citizens of this state. Learn more: www.sdstate.edu/ps/sdfssd/index.cfm
South Dakota Wheat Commission Investments

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<tr>
<th></th>
<th>FY14' Actual</th>
<th>%</th>
<th>FY15' Actual</th>
<th>%</th>
<th>FY16' Budget</th>
<th>%</th>
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<td>RESEARCH</td>
<td>334,686</td>
<td>31</td>
<td>856,821</td>
<td>45</td>
<td>774,271</td>
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<td>MARKET DEVELOPMENT</td>
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<td>25</td>
<td>427,100</td>
<td>23</td>
<td>456,000</td>
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<tr>
<td>EDUCATION/PROMOTION</td>
<td>80,889</td>
<td>7</td>
<td>154,229</td>
<td>9</td>
<td>127,323</td>
<td>7</td>
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<tr>
<td>POLICY/GOVERNMENT AFFAIRS</td>
<td>123,306</td>
<td>11</td>
<td>176,392</td>
<td>9</td>
<td>197,292</td>
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<td>GENERAL OPERATIONS</td>
<td>36,884</td>
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<td>50,079</td>
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<td>49,600</td>
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<td>TRAVEL</td>
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<td>50,410</td>
<td>3</td>
<td>67,100</td>
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<td>PERSONNEL SERVICES</td>
<td>179,851</td>
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<td>129,615</td>
<td>7</td>
<td>182,000</td>
<td>9</td>
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<td>EMPLOYEE BENEFITS</td>
<td>36,988</td>
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<td>34,504</td>
<td>2</td>
<td>46,170</td>
<td>2</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,092,653</strong></td>
<td>100</td>
<td><strong>1,879,150</strong></td>
<td>100</td>
<td><strong>1,899,756</strong></td>
<td>100</td>
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</tbody>
</table>

* Fiscal Year is July 1 to June 30 (i.e. FY15 = July 1, 2014 to June 30, 2015).
** Includes an initial payment of $240,000 towards future SDSU Greenhouse Project.
*** The significant increase in personnel budget includes a vacant FTE that will not be hired in current fiscal year.

Investing in Our University

The historical newspaper stories that have been included in this annual report highlight a very significant funding priority for the South Dakota Wheat Commission – OUR Land Grant University – SDSU! From its formation in 1961 the South Dakota Wheat Commission has provided vital funding to South Dakota State University for research, scholarships, equipment and facilities. Unfortunately there is no accessible record of every contribution over the past 55 years. More recent computer records; however, reveal that nearly $10 million in wheat check-off investments have been contributed over the past 20 years. The major focus of this support continues to target our public wheat breeding program.

Dr. Karl Glover, spring wheat breeder, and Dr. Lisa Elliott, extension specialist in commodity marketing, recently studied the economic impact of advancements in spring wheat genetics upon the state’s wheat industry. Results of a ten year review (2002-2012) showed that the spring wheat breeding program at South Dakota State University makes an additional sum of approximately $16.5 million available each year to South Dakota producers through genetic advancements. When this economic opportunity is balanced against check off investments, over $25 is returned for each $1 invested by growers. So, although an investment is initially directed to South Dakota State University the check off dollars are quickly returned as additional income to South Dakota’s wheat industry.

An investment in OUR University is a significant investment in OUR industry and operations!
2015 South Dakota Wheat Production - Compared to 2014

<table>
<thead>
<tr>
<th></th>
<th>Acres Planted</th>
<th>Acres Harvested</th>
<th>Bushels Harvested</th>
<th>Bushels/Acre</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Change %</td>
<td>Total</td>
<td>Change %</td>
</tr>
<tr>
<td>Winter Wheat</td>
<td>1,420,000</td>
<td>17</td>
<td>970,000</td>
<td>-10</td>
</tr>
<tr>
<td></td>
<td>42,700,000</td>
<td>-28</td>
<td>44</td>
<td>-11</td>
</tr>
<tr>
<td>Spring Wheat</td>
<td>1,330,000</td>
<td>2</td>
<td>1,260,000</td>
<td>-2</td>
</tr>
<tr>
<td></td>
<td>60,500,000</td>
<td>-16</td>
<td>48</td>
<td>-8</td>
</tr>
<tr>
<td>Durum Wheat</td>
<td>6,000</td>
<td>50</td>
<td>6,000</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>246,000</td>
<td>37</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>Total Wheat</td>
<td>2,756,000</td>
<td>10</td>
<td>2,236,000</td>
<td>-5</td>
</tr>
<tr>
<td></td>
<td>103,446,000</td>
<td>-22</td>
<td>46.3</td>
<td>-9.2</td>
</tr>
</tbody>
</table>

Source: USDA NASS September 30, 2015.

Participants in the Winter Wheat Plot Tour on the Cliff Halverson Farm South of Kennebec, S.D. are also provided with an unexpected aerial spraying demonstration on an adjacent farm.

2016 WINTER WHEAT seeded area for harvest in 2016 is estimated at 1.07 MILLION ACRES, down from last year’s seeded area of 1.42 MILLION ACRES. -25%

2015 ALL WHEAT stored in all positions on DEC. 1, 2015 totaled 85.0 MILLION BUSHELS, up ten percent from a year ago. +10%
Farm and Industry Visits Help Protect Demand for U.S. Wheat in Nigeria

U.S. Wheat Associates
June 16, 2015
ARLINGTON, Virginia

Eight senior managers from Nigeria’s milling and noodle/pasta manufacturing industries visited South Dakota and Kansas during June 21 to 27, 2015, to examine the current hard red winter (HRW) crop as part of a U.S. Wheat Associates (USW) trade team. USW believes this annual event helps maintain a loyal customer base in a traditionally large market.

Nigeria was the third largest buyer of U.S. wheat for the 2014/15 marketing year that ended on May 31, 2015, importing 76.9 million bushels (2.04 million metric tons). Year-to-year, Nigeria buys more U.S. HRW than any other country. Nigerian millers imported 58.4 million bushels (1.6 million metric tons) of HRW in 2014/15. They also purchased about 12.9 million bushels of soft red winter (SRW) as well as some soft white (SW) and northern durum.

“USW and our state wheat commission member organizations built long-term demand for U.S. wheat in Nigeria by providing information and technical support,” said Muyiwa Talabi, marketing consultant with USW based in Lagos, Nigeria. “This will be our fifteenth annual trade team from Nigeria since 2001 and it is still a key part of our work in an important market where we face new challenges.”

“In an increasingly competitive market, those customers still benefit from, and appreciate, the support USW provides including the chance to see the new U.S. wheat crop and learn about its supply chain from the people who manage it,” said Gerald Theus, assistant regional manager for Sub-Saharan Africa with USW who is based in Cape Town, South Africa. Theus and Talabi led this trade team visit.

USW collaborated with the South Dakota Wheat Commission, the Kansas Wheat Commission and USDA’s Foreign Agricultural Service to organize this trade team. In South Dakota, the team met with grain merchandisers and visited several farms.

USW is the industry’s market development organization working in more than 100 countries. Its mission is to “develop, maintain, and expand international markets to enhance the profitability of U.S. wheat producers and their customers.” USW activities are made possible through producer checkoff dollars managed by 18 state wheat commissions and cost-share funding provided by FAS.
National Festival of Breads

SAVE THE DATE: JUNE 17, 2017!
Last event was held on June 13, 2015, in Manhattan, Kansas

The National Festival of Breads is a bread baking contest which encourages those who like to bake to develop their skills.

Kansas Wheat, King Arthur Flour and Red Star Yeast, with assistance from the Home Baking Association and other contributors, would like to recognize wheat farmers, millers, and ingredient companies and honor amateur home bakers during wheat harvest in June 2017 by hosting the National Festival of Breads baking contest in Manhattan, Kansas.

The Contest emphasizes the role that bread plays in a healthy and active lifestyle. The kernel of wheat is a storehouse of nutrients essential to the human diet, and a complex carbohydrate that provides a source of time-released energy. In addition, bread provides dietary fiber, protein, fat, iron, zinc and B vitamins in our diets. The B vitamin folic acid has been shown to prevent birth defects and may help reduce the risk of heart disease, strokes, Alzheimer’s disease and some cancers. In addition to the nutritional benefits, baking bread from scratch is an achievable and rewarding experience for the baker.

http://nationalfestivalofbreads.com/national-festival-of-breads

Many Thanks!
The South Dakota Wheat Commission extends its appreciation to the Kansas Wheat Commission for their willingness to share content from the National Festival of Breads.

Smokehouse Cranberry Cheese Bread

RECIPE SUMMARY

“Memories of visits with my in-laws in Quechee, Vermont inspired this bread. My mother-in-law always had smoked cheeses from the local farmers and fresh maple syrup tapped from trees in town. She was also into healthy foods and introduced me to tofu in delicious breakfast smoothies. This bread honors all of her goodness.”

YIELD: 2 LOAVES, 22 SERVINGS EACH.

INGREDIENTS

• 2 (¼ ounce) packages RED STAR® Quick-Rise™ Yeast

DIRECTIONS

1. In small bowl, whisk together yeast, water, and maple syrup. Wait 5 to 10 minutes for mixture to foam (proof).

2. In the bowl of a stand mixer fitted with paddle, blend together butter and tofu until mixture is light and fluffy, about 2 minutes. Scrape sides of bowl as needed.

3. Beat in eggs one at a time. Stir in cheese, salt, pepper, yeast mixture, and 4 cups of flour; blend well. Exchange paddle for dough hook.

4. Mix in cranberries and gradually add enough remaining flour until a soft dough forms. Knead dough until smooth and elastic, about 8 minutes on low to medium speed. Place dough in greased bowl, cover, and let rise until doubled, about 1 hour.

5. Deflate dough and divide in half. Shape into 6” to 7” round loaves, and place into two buttered 9” round cake pans. Cover; let dough rise until doubled, 40 to 45 minutes. Near the end of the rise, preheat oven to 400°F. Uncover and with a sharp knife or lame, make a ¼” deep “X” slash across the top of each loaf.

6. Bake 25 - 27 minutes until golden brown, tenting with aluminum foil to prevent excess browning. An instant-read thermometer inserted into the middle of the loaf should register about 200°F. Remove from oven, and after a few minutes turn loaves out onto a rack to cool.

NUTRITION INFORMATION PER SERVING

(1 slice, 35g): 120 calories, 6g fat, 0g fiber, 3.5g saturated fat, 0g trans fat, 13g carbohydrates, 32mg cholesterol, 95mg sodium, 4g protein, 0mg vitamin C, 1mg iron, 36mg calcium.
Your check-off investment is multiplied through collaboration with industry partners.

South Dakota Wheat Commission is funded entirely by South Dakota wheat farmers through a 0.4% value/bushel initial sale of wheat. This self-help program improves the wheat industry in SD through wheat research, foreign and domestic market development, and utilization. The Wheat Commission Board of Directors is comprised of five wheat producers representing wheat growing regions and classes of wheat.

www.sdwheat.org

Northern Crops Institute, located on the campus of North Dakota State University in Fargo, ND, is a modern facility for training industry personnel from both domestic companies and foreign companies/countries on how to utilize and purchase wheat and other crops grown in the Northern Great Plains. It is funded by wheat producers in North Dakota, South Dakota, Minnesota and Montana, the South Dakota Legislature and other state legislatures.

www.northern-crops.com

The Home Baking Association mission of “growing the practice of home baking” could not be more timely due to economic conditions and other societal changes. The fact is more meals are being prepared at home, and this organization is at the forefront in sharing our tools and knowledge to not only current bakers, but future generations as well. The HBA is a valuable resource for educators, parents, community service volunteers, scratch-bakers and anyone else interested in baking.

www.homebaking.org

Wheat Foods Council is the national organization that works to increase the domestic consumption of wheat foods. The Council provides nutritional information about wheat to health professionals, food service personnel, food editors, educators, and the general public. The SD Wheat Commission is a charter member of the Wheat Foods Council.

www.wheatfoods.org

The goal of the Wheat Quality Council is to improve the value of all U.S. wheat classes for producers, millers, and processors of wheat. Advocates the development of cultivars which enhance end use quality of wheats for all U.S. wheat classes. Provides forums for breeders, producers, and industry members to discuss desired characteristics and evaluation of wheat. Communicates industry needs and the importance of meeting end-user needs to breeders, producers, traders of wheat, and all U.S. wheat organizations.

www.wheatqualitycouncil.org

U.S. Wheat Associates, headquartered in Washington, D.C. with 15 overseas offices, is the international marketing representative of U.S. wheat growers in over 100 countries. It is funded by wheat producers through their respective state wheat commissions in Arizona, California, Colorado, Idaho, Kansas, Maryland, Minnesota, Montana, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Virginia, Washington and Wyoming. Your check-off dollars are matched four to one by the U.S. Department of Agriculture’s Foreign Agriculture Service.

www.uswheat.org

South Dakota State University supports SD wheat farmers by addressing state wheat production issues. Increased yield and disease resistant varieties for both spring and winter wheat are the main goals in wheat research.

www.sdstate.edu/ps
Culinary Academy Benefits from Check-Off

The South Dakota Wheat Commission recognizes the critical need to provide accurate information and promotional resources to our local, national and global consumers. Continued membership in the Northern Crops Institute, Wheat Quality Council, Wheat Foods Council and the Home Baking Association provide valuable information to our national and global audience. At the local level the Commission has developed a new supporting partnership with the South Dakota Culinary Academy within the Mitchell Technical Institute. Recent contributions have allowed the Academy to upgrade their convection ovens and commercial mixers to enhance their baking curriculum “to provide students with the skills for success in their technical careers.”

Photo credit: Student preparing food at the Culinary Academy of South Dakota at Mitchell Technical Institute.

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WITH THE FHB RISK ASSESSMENT TOOL
HTTP://WWW.WHEATSCAB.PSU.EDU/RISK TOOL.HTML

- Daily in-season risk maps for your locale
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- Supplemented by commentaries from state university crop specialists
- Receive alerts via cell phone or email, per your preference
- Frequency and timing of alerts dependent upon your area’s risk for scab problems
- Available to growers, crop advisors and grain industry personnel at no cost

A service of the U.S. Wheat & Barley Scab Initiative
Developed & Supported with Funding from the U.S. Wheat & Barley Initiative
www.scabusa.org
Research

Research and its funding are an integral part of success in agriculture. Growing wheat efficiently and economically is as important to the profitability equation for wheat farmers as is marketing. Wheat check-off dollars provide for continuing and new research in the areas of: Wheat Variety Development; Wheat Production and Management; Disease, Weed and Pest Control; New Technology; Crop Quality Evaluation; and Market Research.

Market Development

South Dakota annually exports approximately 20-30 percent of its wheat internationally. Funding is used to support International Marketing through the U.S. Wheat Association and the Northern Crops Institute in Fargo, ND. Domestic Marketing includes support to Wheat Foods Council, Wheat Quality Council and Plains Grains, Inc.

Policy & Government Affairs

The competitive position of wheat and wheat production can be directly altered by changes in political climate, and national policy. Funding supports advocacy by National Association of Wheat Growers, South Dakota Wheat, Inc., and Whiteside and Associates.

Education, Information and Communication

Reaching producers, students, and the general public is essential. The SDWC maintains a website at www.sdwheat.org along with a Facebook page. Check-off dollars provide a communication link between the farm and non-farm sectors through education and the media. Scholarships, awards and premiums provided through the SDWC include: SDSU/MTI/LATI Scholarships, SD Ag-in-the-Class-room, FFA, FFA Foundation and 4-H Agriculture Education programs.