



# Wheat Producers Advantage

**South Dakota Wheat, Inc.**

**April 2020**



## Speaking On The Behalf Of Agriculture

Dear Majority Leader McConnell, Speaker Pelosi, Leader Schumer and Leader McCarthy,

America's farmers and ranchers commend your work to assist Americans affected by the coronavirus. As they work to ensure that the necessities of life such as food, feed, fuel, and fiber continue to be produced, we urge you to ensure that they have the necessary support in these very trying times.

Farmers, ranchers and the supply chain that support them will not let Americans down during this unprecedented crisis and they are asking the same of you. Millions of producers will need help with cash flow given the rapid and unanticipated decline in commodity prices, the likely closure of ethanol processing plants, the effective elimination of direct-to-consumer sales and decline in full-service restaurant and school meal demand. Congress must have farmers' and ranchers' backs by expanding and replenishing USDA's borrowing authority under the Commodity Credit Corporation (CCC).

Farmers and ranchers are proud to be trusted to feed nearly 330 million Americans and we'll continue working every day to do so, but Congress must ensure the CCC has ample authority and funding to help farmers and ranchers survive during this emergency. The inclusion of these provisions would ensure the Secretary of Agriculture has the tools needed to meet this crisis head-on for all of agriculture.

We respectfully urge you to address these vital needs in the relief package you are developing now.

Thank you for your consideration.

Sincerely,

Agricultural Retailers Association  
AMCOT  
American Cotton Shippers Association  
American Dairy Coalition  
American Farm Bureau Federation  
American Pulse Association  
American Sheep Industry Association  
American Soybean Association  
American Sugar Alliance  
Association of Equipment Manufacturers  
Association of Specialty Cut Flower Growers  
Calcot  
Carolinas Cotton Growers Cooperative  
CalFlowers  
Certified American Grown Flowers  
Cotton Growers Warehouse Association  
Cotton Warehouse Association of America  
Crop Insurance Professionals Association  
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National Sunflower Association  
National Turkey Federation  
Panhandle Peanut Growers Association  
Plains Cotton Growers, Inc.  
Produce Marketing Association  
Select Milk Producers  
Society of American Florists  
Southwest Council of Agribusiness  
Staplcotn  
U.S. Canola Association  
U.S. Dry Bean Council  
U.S. Peanut Federation  
United Egg Producers  
United States Cattlemen's Association  
US Rice Producers Association  
USA Dry Pea & Lentil Council  
USA Rice  
Western Peanut Growers Association

# United We Are Stronger!!



# U.S. WHEAT ASSOCIATES

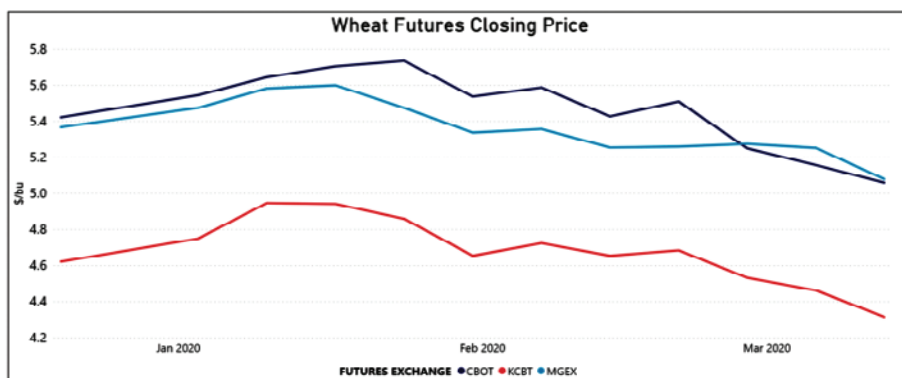
*By Claire Hutchins, USW Market Analyst*

## Pandemic Adds Pressure to U.S. Wheat Prices

It is no secret that these are uncertain times. As countries across the world work to contain and combat the novel coronavirus (COVID-19) outbreak, U.S. Wheat Associates (USW) is closely monitoring the effects of the outbreak on global wheat trade dynamics. According to a host of U.S. grain traders, it is too soon to tell the immediate effects of the pandemic on the international demand for U.S. wheat.

However, there is a clear relationship between the turbulence in global economic markets and the export price of U.S. wheat. Over the past several months, the export price for all classes of wheat out of the Gulf and Pacific Northwest (PNW) has fallen due to substantial pressure in the U.S. wheat futures markets, pressure that the pandemic has only increased.

Between late January and mid-March 2020, nearby Chicago Board of Trade (CBOT) soft red winter (SRW) wheat futures fell 12% from \$5.74/bu to \$5.06/bu. Nearby Kansas City Board of Trade (KCBT) hard red winter (HRW) wheat futures fell 11% from \$4.86/bu to \$4.32/bu. Nearby Minneapolis Grain Exchange (MGEX) hard red spring (HRS) wheat futures fell 7% from \$5.48/bu to \$5.08/bu.

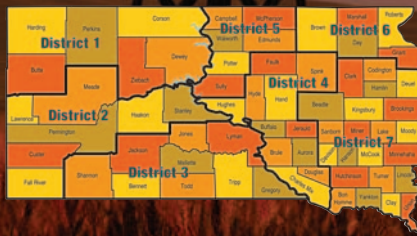


Source: USW Price Charting Tools (<https://bit.ly/PriceChartingTool>)

During the same period, PNW HRW 11.5% protein (on a 12% moisture basis) FOB prices fell 7% from \$241/MT to \$224/MT. Gulf HRW 11.5% protein FOB prices fell 9% from \$235/MT to \$214/MT and Gulf SRW FOB prices fell 13% from \$262/MT to \$228/MT.

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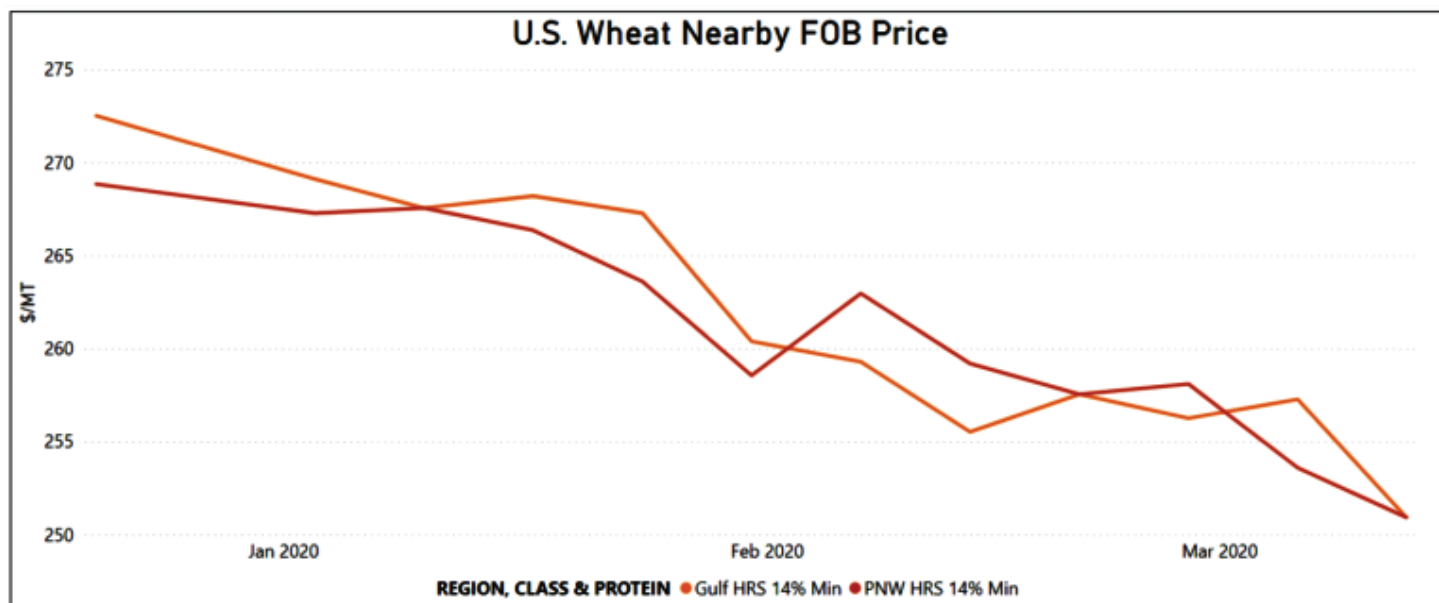
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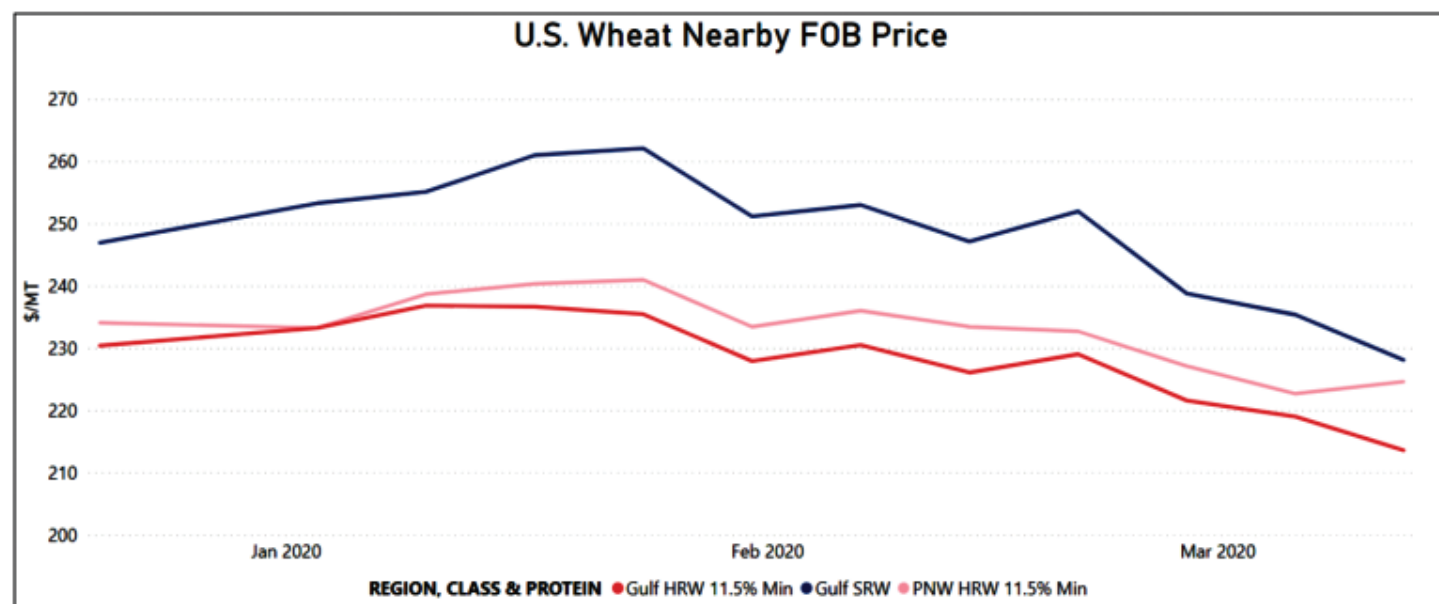
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# Pandemic Adds Pressure to U.S. Wheat Prices



Source: USW Price Charting Tools (<https://bit.ly/PriceChartingTool>)

Gulf HRS 14% protein FOB prices fell \$16/MT from \$267/MT to \$251/MT and PNW HRS 14% protein FOB prices fell \$12/MT from \$263/MT to \$251/MT.



Source: USW Price Charting Tools (<https://bit.ly/PriceChartingTool>)

Under these unprecedented circumstances, USW is doing everything it can to continue to promote the reliability, quality and value of all six U.S. wheat classes to our overseas customers. USW encourages our customers and stakeholders to reach out to our colleagues by telephone or email. We are ready to provide the information our customers need about U.S. wheat supplies or market factors, or answer any marketing and processing questions that may arise.



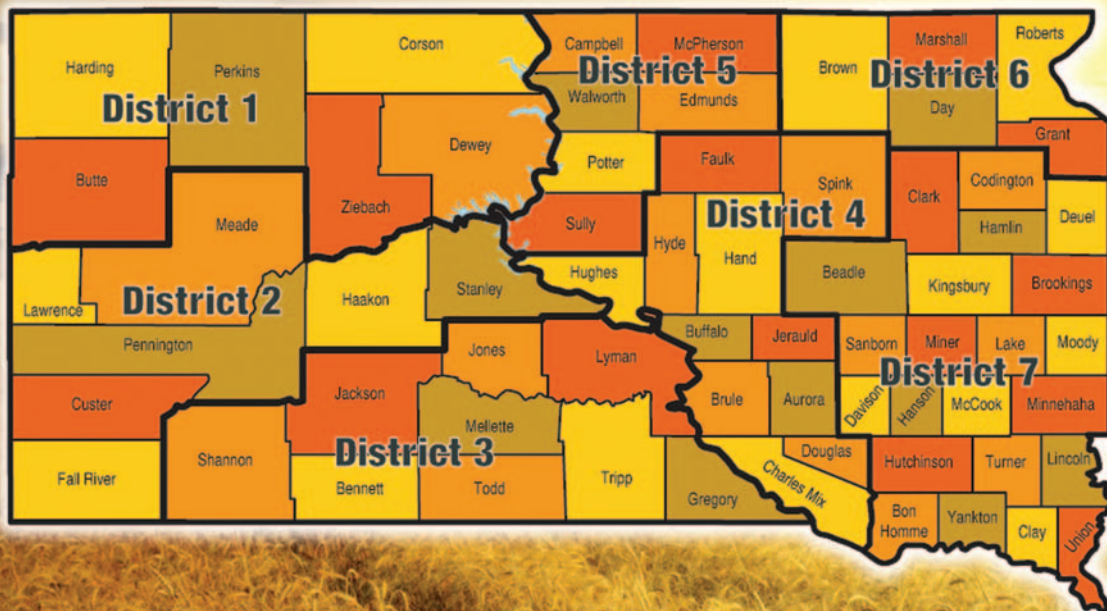
# 2020 Wheat Yield Contest

Seven Districts will award two prizes each

1st – \$500 2nd – \$300

[www.sdwheat.com](http://www.sdwheat.com) to apply

May 15, 2020, is the application  
deadline for spring and winter wheat.



## Sponsors:



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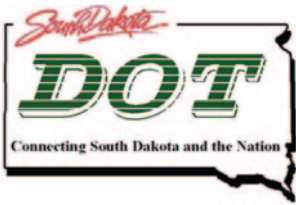
Northern  
Plains



Southwest  
Grain







# Spring Load Restrictions

<https://dot.sd.gov/travelers/of-interest/spring-load-restrictions>

It is the Department's position to not implement Spring Load Restrictions any earlier than necessary. The Department monitors the daily high/low temperatures at numerous locations throughout the state. The high/low temperatures are used to calculate accumulated freeze and thaw indexes. Please be aware that this method is only one decision tool the Department uses to determine when to implement and remove load restrictions. The Department still relies heavily on the existing highway conditions and past experience of its field personnel when making the final decision of when to implement and remove load restrictions.

Under the authority of SDCL 32-22-24, a Highway Maintaining Authority may restrict loads on their highways anytime during the period from February 15 to April 30. The purpose of the load restrictions is to protect the highways from break-up during the spring thaw.

*2020 Proposed State Highway Spring Load Restriction Map*

*2020 Spring Load Limits Map CURRENT postings*

*2020 Summary & Historical Data*

County road posted load limits are not determined or enforced by the State. Please use the information below to contact the county for questions/concerns on county road load limits.

*2020 County Load Limits*

*County Superintendent Phone & Email List*

Under the authority of SDCL 32-22-24, a highway maintaining authority may limit weights on highways anytime during the period from February 15 to April 30. The purpose of these load limits is to protect the highways from break-up during spring thaw. The linked map above shows the proposed 2020 State Highway Spring Load Limits. These limits are subject to change as conditions warrant. Actual load limit posting takes precedence over those listed here and are in effect only when the load limit signing is in place.


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# Bake N' Take — 2020

The Bake and Take event was smaller than usual this year but very critical for those that participated. Thanks to all who took time to share during these difficult times. I just wanted to share a note that came in with one of the event participants. She sums up the concept of Bake and Take!

The following is a note from Deanne Ness.

*I work at the hospital, so this is a very trying and stressful time for all of us. With this Coronavirus, we are working long hours, and helping out other departments, wherever we are needed. I volunteer through the hospital, and am a member of the Methodist church in Huron. I belong to an Extension club who meets every month.*

*With the Coronavirus, I did not take pictures with the friends and neighbors, I took them cookies, with a note on them "thinking of You". I put them on their doorstep, and called them to let them know I left something there for them.*

*I took cookies to four neighbors, and shut ins. When I got back home, one called me, and I could tell in her voice she was nervous and crying. She said, "I'm so nervous about all that is going on, and don't know what to do". She lives alone. I wanted so bad to go back to her house, and give her a hug, but know I can't do that, at this point with all that's going on. All of the people I took to live alone, and when I called them to let them know I was putting cookies on their step, they were so appreciative, and thanked me several times. From previous years, I know they look forward to me coming to their home with goodies and sitting down and visiting with them. Very hard on me this year, that I could not do that. Thank you for sponsoring this fun event for neighbors and shut-ins.*

Another participant

Club President, Busy Fingers CFEL Club, Huron

We are a small group that meets once a month. We work or discuss different issues that the State CFEL has given us to work on. The issues this year are: "Opioid Abuse", Naturally Healthy, and Water Quality. We try to do a craft project each month. We volunteer in our church and the community. We donate to Jan Manolis Safe House, Salvation Army Angel Tree.

With all that is going on in the world today, with the Coronavirus, people enjoyed and appreciated the baked goods.

Club members made cookies, muffins and breads.



## SNICKERDOODLES

3 3/4 cup of flour  
1/2 teaspoon baking soda  
6 tablespoons of sugar  
1/2 teaspoon cream of tartar  
2 teaspoon of cinnamon  
2 cups of sugar  
2 eggs  
1/4 cup of milk  
1 teaspoon vanilla  
1 cup of margarine  
1/2 teaspoon of salt

Mix flour, baking soda, cream of tartar, and 1/2 teaspoon salt. Beat margarine for 30 seconds, add the 2 cups of sugar and beat until fluffy. Add eggs, milk and vanilla and beat well. Add dry ingredients to beaten mixture and beat until well combines. Form dough into 1 inch balls and roll in mixture of 6 Tablespoons sugar and 2 teaspoon cinnamon. Place on cookie sheet. Bake @ 375 for about 9 minutes. Cookie will be soft in center when removed. Remove and place on cooling rack for 1-2 minutes.

## WHOLE WHEAT RHUBARB MUFFINS

Combine these ingredients in a large mixing bowl. Mix well.

1 cup whole wheat flour  
1/2 cup sugar  
1 1/2 teaspoon baking powder  
1/2 teaspoon baking soda  
1 cup all-purpose flour  
1/2 teaspoon salt

In a smaller bowl or glass measuring cup, combine these ingredients:

1 egg, beaten with fork  
2 teaspoon graded orange peel  
3/4 cup orange juice  
1/4 cup canola oil

Add this wet mixture to the dry ingredients.

Add 1 1/2 cups finely chopped rhubarb

Stir until dry ingredients are barely moistened. Fill 12 muffin cups 3/4 full. Sprinkle with a mixture of sugar and cinnamon. Bake at 375 for 25 minutes.

## CINNAMON SWIRL BREAKFAST BREAD

2 1/2 teaspoon active dry yeast  
2 1/2 cups warm milk  
4 Tablespoons soft butter  
2 cups quick-cooking oatmeal  
1/4 cup brown sugar  
4 1/2 to 5 cups bread flour

Swirl Mixture: 1/2 cup granulated sugar mixed with one Tablespoon ground cinnamon

Pour lukewarm milk into large bowls. Sprinkle yeast over milk; let stand a few minutes to soften yeast. Add butter, salt, oatmeal, and brown sugar. Mix well. Stir in flour, small amounts at a time, until a soft dough is formed. Knead well. Place in greased bowl; cover with plastic wrap. Set in warm place and let rise until doubled in bulk. Divide dough in half for 2 large loaves, or into 3-4 pieces for small loaves. Roll each piece in to a rectangle slightly narrower than the length of the bread pans. Sprinkle with cinnamon swirl mixture and roll up jelly-roll fashion. Seal ends well. Place in bread pans. Let rise until double in size. Bake at 375 degrees for 30-40 minutes (less time for smaller loaves.) May brush with melted butter while still warm.



# Palmer Amaranth

Palmer amaranth (*Amaranthus palmeri*) is an aggressive weed that can be resistant to multiple herbicide sites of action. This weed is native to the southwest U.S. and Mexico but is slowly making its way north.

Proper identification is an important component of managing this weed. Palmer amaranth is from the pigweed family and therefore can be mistaken for waterhemp, red-root pigweed, prostrate pigweed, and other common pigweeds that grow in South Dakota.

Palmer amaranth has a number of distinguishing characteristics that can help accurately identify it.

## 1. Hairless, Smooth Stem



Palmer amaranth (above photos) and waterhemp are two pigweed species that have smooth hairless stems.

## 2. Leaf Shape



The leaf shape of amaranth can vary within species. However, typically, the leaf shape of Palmer amaranth (shown above on left) is wider, ovate, or diamond shaped. Waterhemp leaves (shown above on the right) are generally longer, linear, or lanceolate in shape.

## 3. Long Petiole Length



Palmer amaranth is the only species of pigweed whose petiole is longer than the leaf blade. This characteristic becomes more noticeable as the plant matures and the petiole continues to grow. The photo above, on the right, shows the petiole folded back over the leaf, depicting its length as compared to the leaf blade.

Wheat Producer Advantage

## 4. Reproductive Traits



The flowering structure of Palmer amaranth can be 1 to 3 feet long and is often not branched. Palmer amaranth is dioecious, meaning plants are either female or male. Pollen is produced on the male plant and blown to the female, where seed is produced.

## 5. Female Plants have Spiny Bracts



Female plants have spiny bracts at leaf axils (where the petiole meets the stem-shown above) and the seed head is prickly and rough to handle. The male seed head is smooth.

Soil health principles that help suppress weed emergence

- Keep soil covered.
- Limit disturbance to soil.
- Keep a living root in the soil for as long as possible.
- Implement a diverse crop rotation that includes warm and cool season grasses as well as broadleaf plants.

Be aware that Palmer amaranth is spread through seed, manure, wildlife, feed, and equipment. As of September 2, 2019, Palmer amaranth seed is included on South Dakota's list of prohibited noxious weed seeds. This means seed for sale within South Dakota is not permitted to contain Palmer amaranth seed in any amount.

## Reason for Concern

Palmer amaranth is a risk to crop production in South Dakota because of its competitive growth habit, season long emergence (during the warm season), prolific seed production, and potential to have resistance to multiple sites of action.

## Management Tactics

### Integrated Management

- Use clean seed from a reputable source.

(Continued on page 8)

- Add a small grain cash or forage crop such as oats, wheat, or rye to your cropping rotation.
- Decrease row width and increase seeding rate of cash crops. Palmer amaranth relies on light to germinate; a closed canopy will limit germination.
- Scout fields throughout the growing season for weed emergence before and after herbicide application.
- Incorporate cover crops to increase natural competition as your crop rotation allows.
- Hand weed small infestations.
- Do not combine through mature palmer patches.
- Clean equipment after use in infested areas.

## Chemical Weed Control

- Always rotate herbicide sites of action.
- Use both residual pre and post emergent herbicides.
- A fall or early spring pre application, followed by a plantingtime or early post emerge application of a residual herbicide may be necessary to assure activation and season long control.

- Apply post emergent herbicides when weeds are at or below height or growth stage specified on product label.
- Multiple sites of action and multiple application timings may be necessary to extend the control period.

### Acknowledgements

This publication was developed through funding from SDSU Extension, The South Dakota Wheat Commission, The South Dakota Oilseeds Council, The South Dakota Soil Health Coalition, The South Dakota No Till Association and The South Dakota Pulse Growers Inc.

### Photographs

Photo credits: Ruth Beck, SDSU Extension, Brian Jenks and Joseph Ikley, NDSU

### References

Legleiter, T., Johnson, B. 2013. Palmer Amaranth Biology, Identification and Management in Indiana. Purdue Weed Science.

Ikley, J., Jenks, B., 2019. Identification, Biology and Control of Palmer Amaranth and Waterhemp in North Dakota. NDSU Extension. How to Identify Palmer Amaranth. [www.ag.ndsu.edu/palmeramaranth](http://www.ag.ndsu.edu/palmeramaranth).

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# 2020 VARIETY SURVEY

The South Dakota Wheat Commission requests producer participation in providing their wheat variety preferences for the 2020 crop year. This information greatly assists wheat breeders in the development of future varieties that meet producer needs.

Your assistance is requested by completing the electronic survey at: [sdwheatvariety.com](http://sdwheatvariety.com)  
In an effort to manage expenses a postcard will not be mailed out this year.

All information remains anonymous and your zip code is used only to identify regional production trends.

Thank you for taking the very few minutes necessary to complete the online survey!

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