

# SDSU Seednews

Volume 23  
Issue 1

March 2015

*Special points of interest:*

- March 12 SDCIA Board Meeting Wauertown SD
- April 15 Field Applications Sent to Seed Producers
- Field Applications Small Grains Due May 31

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## Grain Millers Looking for High Quality Oats for Milling

By Jessie VanderPoel, Guest Author Grain Millers

For almost 30 years Grain Millers has been one of North America's leading cereal grain companies. We mill whole grains into ingredients used in cereals, breads, granola bars, and many other products you buy at the grocery store or restaurant. We have oat mills and origination facilities strategically located across the US and Canada, with the closest one to South Dakota being our St. Ansgar, IA location (approximately 45 miles SE of Albert Lea, MN).

As one of the largest millers of oats in the world, we are always interested in meeting more oat farmers. We depend on our oat producers to supply high quality, milling grade oats, and each year we try to contract-grow a large portion of our demand directly from the farm. As a part of that, we can do on-farm pricing where we handle the freight. With the downtrend of oat acres in SD, there are fewer agronomists experienced in oat production, so to address that we have a team of agronomists that specialize in oat production and work directly with our growers.

Many of you are likely wondering, "What makes a milling grade oat?" There are many things we look at, but the biggest is the test weight being 38 lbs or higher, the moisture 13.5% or lower, and thins being 12% or lower.

Now, how do you hit those specifications? Each farm has unique characteristics, but here are some general tips to help you in achieving that specification:

**Plant early** – Early planting is important in the success of the oat crop. Oat seed will germinate at a soil temperature as low as 45 degrees Fahrenheit. When oats are in the ground early they have the ability to get up ahead of weeds as well as pollinate and perform grain fill before the hot periods of early July.

**Select proper seed** – It is recommended that certified seed is planted every year because viability, genetics, and purity are guaranteed. When selecting the seed variety choose one that is well suited for your growing area. Grain Millers does have a recommended variety list to help narrow the selection.

Please feel free to contact us for this list.

**Scout for leaf diseases** – Scouting for diseases has become a crucial part to ensuring a quality crop when harvest rolls around. Fungal diseases are popular within oat crops. They become more prominent during warm and humid weather, with lots of dew in the mornings. Scouting should be performed up through the flag leaf stage of the oat plant. If diseases become present, a fungicide should be applied at the start of this flag leaf stage.

Please contact Grain Millers for more information or with additional questions on production practices

We currently do have new crop contracts for oats available. Along with oats we also buy barley, hard red wheat (winter and spring) and rye. Please call Jessie VanderPoel at 952-981-1277 for more information on pricing and our specifications.

## The Use of SDSU Varieties With PVP In Cover Crop Mixes

The need and use of cover crop mixes within South Dakota has been growing at a rapid pace over the last several years. In most of the standard mixes that are being sold, oats are one of the components. Varieties released by universities over the last 10 years almost always have PVP with or without Title V as part of the release process. The PVP indicates that a variety must be sold by variety name and Title V stipulates that the variety must be sold as a class of certified seed. The last oat varieties released from SDSU without any type of protection were HyTest in 1986, Loyal in 2000, and Reeves in 2002. All of the current releases, Colt in 2009, Goliath in 2012, Horsepower in 2011, Shelby in 2009 and Stallion in 2006 have PVP and Title V. The oats releases from NDSU, Jerry in 1994, Morton in 2001, Newberg in 2011, and Souris in 2006 have PVP but do not have Title V. North Dakota also has other specific stipulations on their varieties before they can be legally sold. This means that they do not have to be a class of certified seed to be sold but you do need to get NDSU's permission before doing so.

In either type of release (with or without Title V) permission from the variety owner must be obtained before it can be used in a mix. On the following page is a letter granting permission from the Office of Technology Transfer at SDSU to allow their varieties to be used in cover crop mixes.

When labeling cover crop mixes, the components used with PVP and Title V will need to be labeled by variety name. The labeler must have proof that the seed listed is indeed certified. The type of proof needed may vary from state to state.



Office of Technology Transfer and  
Commercialization

South Dakota State University  
Box 2201  
Brookings, SD 57007  
Phone: 605-688-4756

William.Aylor@sdstate.edu

November 12, 2014

Re: The Sale of mixtures of Non-Certified Seed with Certified South Dakota State University PVP  
Protected Seed

To whom it may concern:

The following varieties are protected under Title V of the US Plant Variety Protection Act:

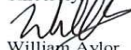
Oat	Spring Wheat	Winter Wheat	Soybeans
Colt	Advance	Expedition	Davison
Goliath	Brick	Ideal	Hamlin
Horsepower	Briggs	Lyman	Spink
Shelby	Forefront	Redfield	Stride
Stallion	Prevail	Alice	Surge
	Select	Wendy	Turner
	Traverse		

The South Dakota Board of Regents are the owners of the registrations or applications for each of the listed varieties above and give the limited permission to use the listed varieties in seed mixtures subject to the following conditions:

1. The PVP Title V variety that is used in the mixture must be certified by an official seed certification agency or from a certified seed lot.
2. The variety that is used in the mixture must be identified on the label as required by the U.S. Variety Protection Act and as a component of the mixture including the percentage of the mixture the component contributes.
3. Sellers of mixtures will maintain proper records for the mixture and components and record quality information for each mixture component and proof of certification.

Questions about this limited permission or the requirements set forth can be addressed to William Aylor at the contact information above.

Sincerely,

  
William Aylor  
Assistant VP, Office of Technology Transfer and Commercialization  
South Dakota State University

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South Dakota State University, Box 2201,  
Brookings, SD 57007 TEL: 605-688-4756

## RULES FOR SELLING AND LABELING BULK CERTIFIED

All seed firms that purchase **BULK SEED LOTS** from Certified seed growers for resale (as eligible classes of certified seed) must first be approved as a **BULK RETAIL FACILITY**. Currently those stationary plants that are classified as SD Approved Conditioning Plants are already approved as Bulk Retail Distributors and need not reapply for Bulk Retail status. Portable (mobile) SD Approved Conditioners (with a few exceptions) are not authorized for Bulk sales of classes of Certified seed. They are approved only to condition seed eligible as a class of Certified seed. Businesses such as elevators, grain handlers, or farm supply outlets that also sell in bulk, must have their bulk facilities inspected and receive prior approval from SDCIA before classes of **BULK CERTIFIED** seed may be sold.

To be eligible as a class of certified seed, a seed lot sold in Bulk must have proper documentation. A completed SD Bulk Transfer Certificate is issued with each load that is sold. Approved SD Seed Conditioners (stationary plants), Bulk Retail Facilities and SD Seed Growers are authorized to issue Bulk Transfer Certificates for certified seed that has finished the certification process. The process begins first by passing field inspection. Then lab testing for varietal identification, germination, purity and noxious weed seed exams is performed. Following seed testing, a Certificate of Inspection (Form D) is issued by the SDCIA/Seed Certification office to the business/individual who has requested the final seed tests. The Certificate of Inspection contains all the seed testing results, field number(s), lot number, name of seller, number of bushels represented by the cleaned seed lot and the Certification number. The Form D is used for the owner's records and is also the official documentation needed to sell certified seed.

When selling **BULK CERTIFIED SEED**, be sure all bins are properly labeled and maintain records of all certified seed in storage. Kind, variety, field numbers, seed class and lot number should all be part of the record kept. Number the bins, or otherwise physically identify all storage bins. Those who sell cleaned bulk seed from a bin need the analysis on the bin. This can either be a copy of the official Seed Testing Lab report or the Form D (Certificate of Inspection) that was issued when the seed lot passed the lab testing. This is a Certification requirement and also a State Law requirement. The Seed Certification office has bulk bin labels that can easily be affixed to most seed bins. Use of the stickers require the labeler to fill in information from the documents listed above. To order bulk bin labels, please call the Seed Certification office at 605-688-5909.

Royalty rates to increase for Spring and Winter Wheat and Oats July 1<sup>st</sup>, 2015. Royalties on spring and winter wheat will increase from 0.30 to 0.60 cents per bushel and 0.20 to 0.30 cents per bushel on oats on all seed sales on July 1<sup>st</sup> 2015.

Crop/Variety	Royalty per Bushel 2014	Royalty per Bushel 2015	Crop/Variety	Royalty per Bushel 2014	Royalty per Bushel 2015
<b>HRSW</b>			<b>OATS</b>		
Advance	\$0.30	\$0.60	Colt	\$0.20	\$0.30
Brick	\$0.30	\$0.60	Goliath*	\$0.20	\$0.30
Focus	XXXX	\$0.60	Hayden*	XXXX	\$0.30
Forefront	\$0.30	\$0.60	Horsepower*	\$0.20	\$0.30
Granger	\$0.30	\$0.60	Natty*	XXXX	\$0.30
Prevail	XXXX	\$0.60	Shelby 427*	\$0.20	\$0.30
Select	\$0.30	\$0.60	Streaker	\$0.20	\$0.30
Traverse	\$0.30	\$0.60	<b>SOYBEANS</b>		
<b>HRWW</b>			Brookings	\$0.50	\$0.50
Darrell	\$0.30	\$0.60	Deuel	\$0.50	\$0.50
Ideal	\$0.30	\$0.60	Davison	\$0.50	\$0.50
Lyman	\$0.30	\$0.60	Hamlin	\$0.50	\$0.50
Redfield	\$0.30	\$0.60	SD1111RR	\$0.50	\$0.50
<b>HWWW</b>			SD1161RR	\$0.50	\$0.50
Alice	\$0.30	\$0.60	<b>* NO SALABLE REGISTERED CLASS</b>		
Wendy	\$0.30	\$0.60			

**South Dakota Crop  
Improvement Association**

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## State Crop Contest Results 2015

Ten Ear Dent Corn		Ideal HRWW	
1 <sup>st</sup> Kayla Schweer	Milbank SD	1 <sup>st</sup> Hansmeier & Sons	Bristol, SD
2 <sup>nd</sup> Paul Fonder	Big Stone City, SD	Wheat Any Other Variety	
3 <sup>rd</sup> Michael Flory	Clark, SD	1 <sup>st</sup> Hansmeier & Sons	Bristol, SD
Shelled Corn		Goliath Oats	
1 <sup>st</sup> Michael Flory	Clark, SD	1 <sup>st</sup> Hansmeier & Sons	Bristol, SD
2 <sup>nd</sup> Paul Fonder	Big Stone City, SD	Oats Any Other Variety	
Flint Corn		1 <sup>st</sup> Paul Fonder	Big Stone City, SD
1 <sup>st</sup> Bailey Schwagel	Corona, SD	2 <sup>nd</sup> Michael Flory	Clark, SD
2 <sup>nd</sup> Cassidy Schwagel	Corona, SD	Soybeans Any Public Variety	
Advance HRSW		1 <sup>st</sup> Hansmeier & Sons	Bristol, SD
1 <sup>st</sup> Tim Stengel	Milbank, SD	Soybeans Any Brand Variety	
Faller HRSW		1 <sup>st</sup> Randy Rusk	Twin Brooks, SD
1 <sup>st</sup> Randy Rusk	Twin Brooks, SD	2 <sup>nd</sup> Hansmeier & Sons	Bristol, SD
Expedition HRWW		Any Grass Seed	
1 <sup>st</sup> Hansmeier & Sons	Bristol, SD	1 <sup>st</sup> Hansmeier & Sons	Bristol, SD