

SDSU Seednews

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Special points of interest:

- Ag Horizons December 10-11, RanKota Convention Center, Pierre SD
- On-line Registration and Program at <http://sdwheat.org/inc/>

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Changes in the South Dakota State Seed Law Palmer Amaranth a Prohibited Noxious Weed Seed

For Immediate Release: September 9, 2019
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PIERRE, SD – As of September 2, 2019, Palmer Amaranth seed has been added to South Dakota’s list of prohibited noxious weed seeds. Seed for sale within South Dakota may not contain prohibited noxious weed seeds, including Palmer Amaranth, in any amount.

Prohibited noxious weed seeds are highly destructive and difficult to control. Other prohibited noxious weed seeds include Canada thistle, field bindweed, hoary cress, horse nettle, leafy spurge, perennial sowthistle, and Russian knapweed.

Also, as of September 2, restricted noxious weed seeds cannot exceed a cumulative total of 20 per pound of seed. Restricted noxious weed seeds are highly objectionable and difficult to control in specific crops, fields, lawns, and gardens. Restricted noxious weed seeds include annual bluegrass, dodder, field pennycress, giant foxtail, hedge bindweed, musk thistle, plumeless thistle, quackgrass, spotted

knapweed, wild carrot, wild mustard, and wild oats.

Additionally, seed for sale from bluestems, grammas, Indiangrass, and prairie sandreed may not contain weed seed more than three percent by weight. Seed for sale other than these grasses may not contain weed seed more than one percent by weight.

The South Dakota Department of Agriculture encourages those buying seed to carefully examine the labels of their seed purchases and ask to see the official seed analysis report if a percentage of weed seed is listed. Doing so will help deter the spread of weeds in South Dakota.

Agriculture is a major contributor to South Dakota’s economy, generating \$32.5 billion in annual economic activity and employing over 132,000 South Dakotans. The South Dakota Department of Agriculture’s mission is to promote, protect, and preserve South Dakota agriculture for today and tomorrow. Visit us online at www.sdda.sd.gov or find us on Facebook, Instagram, and Twitter.

Ag Horizons Conference Ramkota River Centre’, Pierre, South Dakota

The 2019 Ag Horizons Conference is pleased to announce 6 keynote speakers, 24 educational one-hour seminars, and AGAIN this years “INDUSTRY SEMINARS” to be held December 11th, starting at 1:00 p.m. (Agenda and speakers to be announced at a later date.)

The Ag Horizons Conference is hosted by seven organizations: South Dakota Crop Improvement Association, South Dakota Oilseeds Council, South Dakota Pulse Growers, South Dakota Seed Trade Association, South Dakota No-Till Association, South Dakota Soil Health Coalition and South Dakota Wheat Inc. Watch the SD Wheat Inc. web site for speaker list and details (<http://sdwheat.org/inc/>)

New SDSU Releases of Draper and Winner HRW Wheat Help Foundation Winter Wheat Sales Rebound from 2018

Draper and Winner, two new SDSU releases in 2019, were the top selling varieties this fall. Winner is best adapted to central and eastern South Dakota and Draper has done well west river. The high amount of prevented planting acres helped sales, but the late soybean harvest decreased demand in the southern part of South Dakota. Sales of Thompson, Ideal, Overland, Oahe, Redfield and Expedition were down from previous years. Supplies of Foundation Expedition will no longer be available.

HRW Variety	2019 Sales	2018 Sales	2017 Sales
Winner	2,848	-	-
Draper	977	-	-
Overland	362	622	362
Expedition	202	614	0
Redfield	195	606	1,168
Ideal	129	60	42
Oahe	52	183	1,317
Thompson	3	1,062	2,222
Other	0	6	6
Totals	4,768	3,153	5,117

How the Changes in the State Seed Law Affect Certified Seed and Common Seed

The changes to the South Dakota State Seed Law will have minimal impact on certified seed. The biggest impact will be due to Palmer Amaranth (see article Pigweed in Certified Samples). With the addition of Palmer Amaranth to the Prohibited Noxious weed seed list, Quackgrass was moved to the Restricted Noxious weed seed list. The cumulative total for Restricted Noxious Weed Seed has been set to 20 per pound. This means that total of all Restricted Weed Seed cannot exceed 20 per pound, including Quackgrass.

The Total Weed Seed has been moved from 2 percent to 1 percent in non-chaffy seed. This includes all wheat, oats, corn, soybeans, rye, triticale and all other flowable agricultural seed. In the cases of the Bluestems, Indiangrass, Gramagrasses, and Prairie Sandreedgrass the maximum weed seed content has

been reduced from 5 percent to 3 percent. The Total Weed Seed percentage includes all common and restricted weed seed found in the sample and listed as a percent on the analysis report and the label.

The last change in the Seed Law pertains to labeling seed by a Tetrazolium test. Before the change occurred Green Needlegrass and Western Wheatgrass could be labeled using the Tetrazolium test. With this change, Western Wheatgrass can no longer be labeled from a TZ but must use the germination and dormancy percentages for labeling.

At the next meeting of the State Certification Board how these changes affect the Certification Standards will be reviewed. From first glance the impact to certification will be minimal with only wording changes required.

Pigweed (Amaranth Species) in Certified Seed Samples

In Certified Seed Samples, if pigweed – Amaranth species – is found, the sample will not be passed. At this point the producer has two options. The first is to request further testing. The seed found in the sample will be sent to an outside laboratory for further testing. The South Dakota State Seed Lab does not have the capability for the required DNA testing that is required to determine the species found in the sample. This option will add time and expense for the producer. The second option is to reclean and/or retest the sample, if no pigweed is found in the second sample it will pass and be classified as certified seed.

Bulk Sales Certificates and Certificate of Transfer for Seed Pending Certification Now Available On-Line

It has been a long time in developing but now you can fill out and print Bulk Sales Certificates and Certificate of Transfer for Seed Pending Certification on-line. There is a brief tutorial posted on the SDCIA website (www.SDCrop.org) to help you through the process. The information that you are asked for on-line is the same information that you would normally write in on the old forms. There is an auto populate function that will fill out the purity and germination information. These values can be adjusted by the person filling out the form if desired. Once the form

has been filled out, it will be automatically sent to the SDCIA office. This means that you will no longer have to send in the paperwork from these sales.

If you use the on-line Bulk Sales Certificates and Certificate of Transfer for Seed Pending Certification for all your sales you will not receive a Form E in the mail. The new system will track and record the amounts for you. During the interim when a producer has not used the new system you will receive a paper Form E. Please fill this out and return it to the SDCIA office. You will receive a letter in the mail shortly further explaining this.

Watertown Winter Farm Show Crops Contest

The prize award greatly helped the number of samples in the Watertown Farm Show last February; there were over 100. The winner of the \$1000.00 cash prize in 2019 was Steve Kuecker from Webster. He elected to donate the prize to the Webster FFA. For the 2020 Crops contest SDCIA will again offer a \$1000.00 cash prize. Everyone who enters a sample is eligible to win. One name will be drawn from all entries and the winner can

designate the agriculture youth entity that will receive the prize. Watch for notice of crop and forage classes and entry date as the Winter Farm Show approaches. <https://www.watertownwinterfarmshow.com/>

The 2020 Farm Show will be February 11th thru the 15th. Samples will be due into the Watertown Extension Office by noon on February 7th 2020 in order to be eligible for the contest.

Fall 2019 - Spring 2020 Grower Directory

The Fall 2019 – Spring 2020 Grower Directory is on the way to the printer and soon you should be receiving a copy in the mail. The Directory will also be posted on the SDCIA Web site: www.SDCrop.org.

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Notice for 2019 Annual Membership Meeting of the South Dakota Crop Improvement Association

The annual meeting of the South Dakota Crop Improvement Association will be held on December 10th in conjunction with the Ag Horizons Conference December 10th and 11th 2019 at the Ramkota Convention Center in Pierre SD. Please mark this date on your calendar to attend.