

**Washington Grain Commission
Wheat and Barley Research Annual Progress Reports and Final Reports**

Project #: 4150-1227

Progress Report Year: 1 of 3

Title: Extension Education for Wheat and Barley Growers

Cooperators: Drew Lyon, Timothy Murray, David Crowder, Randy Fortenbery, Haiying Tao, Clark Neely, Aaron Esser, Stephen Van Vleet, Paul Carter, Dale Whaley, and Isaac Madsen

Executive summary: New resources were added to the Wheat and Small Grains website in 2019. We added the Herbicide Resistance Resources page in response to increased concern about herbicide resistance in the PNW. A new PNW Extension publication on harvest weed seed control was also published to address the issue of herbicide resistance. Other new Extension publications included PNW492, FS158E, FS331E, and FS333E. The results from the 2019 cereal variety testing program were added to the website and the Variety Selection Tool. The 2018 WSU Weed Control Report was posted as were three new Weed ID quizzes. Twenty-five new episodes of the WSU Wheat Beat Podcast were posted in 2019, a new episode every other week, except during the December campus shutdown. There were also 34 new Timely Topics posted. The 2019 Wheat Academy was once again full, with 36 growers and 39 industry representatives attending the event.

There were several membership changes on the Extension Dryland Cropping Systems Team in 2019. Dr. Clark Neely joined the team as the Extension Agronomist/Variety Testing Lead in August of 2019. Aaron Esser had been managing the Cereal Variety Testing Program since early 2018 when Ryan Higginbotham left WSU. Relieving Aaron of that responsibility will allow him to focus on his areas of interest and expertise. Karen Sowers left the team in 2019 and Dr. Isaac Madsen replaced her on the team. He will provide expertise in oilseed production.

Impact: The Wheat and Small Grains website saw increased use again in 2019. For the 11-month period of January through November, the site had 49,175 sessions with 36,002 unique users; this was up from 42,484 sessions and 29,001 unique users for the same period in 2018, and 39,747 sessions and 25,534 unique users in 2017. There were 63,951 unique pageviews. The most visited pages were pages related to the variety testing program (18,078 pageviews), the common weed list (6,962 pageviews), and the home page (6,438 pageviews). The majority of the sessions from the US were initiated from the state of Washington (13,793). From January through November of 2019, the WSU Wheat Beat Podcast had a total of 9,093 plays.

