“Pathogen round-up: updates from the Pendleton cereal pathology program”

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Abstract
This is an overview of the pathology research program based at Oregon State University’s Columbia Basin Agricultural Research Center in Pendleton, OR. Details of two soilborne disease-related projects will be discussed: soil acidity and fungal microbiome dynamics, and early disease detection for soilborne wheat mosaic virus using hyperspectral sensor technology. The seminar will conclude with discussion of diversity, equity, and inclusion of underrepresented groups in science, including a collaboration with The Confederated Tribes of the Umatilla Indian Reservation. Extension programming strategies for a new generation of wheat producers will also be examined.