

TITLE: Weed Management for Eastern Oregon Wheat Production Regions

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Abstract:

The Corvallis-based Oregon weed science research and extension program provides OR wheat growers with economically and environmentally sustainable weed control options by improving and adapting management tools to current production challenges including herbicide-resistant weed populations and changing production systems. Herbicide evaluation studies will be conducted to identify, register, and implement new herbicides for the control of difficult to manage weeds in wheat production. These herbicide uses are refined for the unique environment and cropping systems in western Oregon but initial testing of new herbicides is important statewide and has application across the diverse production areas of the state. The majority of this research in wheat is focused on the management of grass weeds. Cropping system research is also conducted that will prevent or delay the occurrence of herbicide-resistant weeds. Significant efforts are dedicated to protecting current statewide uses of wheat herbicides, as well as in extending and explaining research results to growers and consultants through Extension programming and written results and publications as well as with the development of grower-friendly weed management guides specific to wheat production.