

Unraveling the Diversity in Downy Brome Seed Dormancy

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- ***Bromus tectorum* (downy brome) is an invasive weed species. It is very difficult to manage in the small grain production areas in the Pacific Northwest.**
- **Previous REACCH graduate student Nevin Lawrence developed a Growing Degree Day model to predict seed maturity.**
- **Our goal is to characterize diversity in seed dormancy.**
- **We developed a rating scale to determine seed physiological maturity.**
- **Identified 5 distinct dormancy profiles from screening our core collection.**
- **This will be a useful tool to understand how to better manage downy brome.**

