



Office of the Chief Economist

U.S. DEPARTMENT OF AGRICULTURE



**ResistPoa**

USDA-SCRI ANNUAL BLUEGRASS COLLECTIVE

The Office of Pest Management Policy presents

# Herbicide Resistant Annual Bluegrass: Integrated Weed Management Strategies

with Jay McCurdy (Mississippi State University) and Others\*

**Register Today!**

Join us for this webinar on  
**Tuesday, May 23<sup>rd</sup>**  
**2:00 - 3:00 pm EDT**

Sign language interpreting services and closed captioning will be provided during the presentation. If additional interpreting services or accommodations are needed to participate in this event, please contact us at: [sm.opmp.pesticides@usda.gov](mailto:sm.opmp.pesticides@usda.gov).

Annual bluegrass (*Poa annua*) is a common and troublesome weed in turfgrass and other landscapes. Its invasive biology and acquired herbicide resistance challenges turfgrass managers by increasing costs and compromising expected outcomes. The USDA-SCRI (Specialty Crops Research Initiative) funded ResistPoa project ([www.resistpoa.org](http://www.resistpoa.org)) seeks to characterize the national distribution of herbicide-resistant *P. annua* and limit its impact as a weed on managed turfgrass systems through a coordinated research and outreach effort on its biology, resistance mechanisms, socioeconomic aspects, and alternative control methods.

Panelists will discuss the project, its findings, and the potential for future research. Chief among the findings of the project has been the discovery of almost overwhelming presence of resistant populations in certain regions and scenarios. More than 560 of 1,349 total populations screened were suspected resistant to at least one herbicide mode of action. Investigations also revealed socio-economic constraints that affect control strategies and stewardship of herbicide technologies. Panelists will discuss integrated management practices that were developed as part of this multi-state project that can be implemented for improved control and herbicide resistance mitigation.

Feel free to share this invitation within USDA and beyond. For questions, [email](#) the USDA Office of Pest Management Policy (OPMP). To receive notice of OPMP webinars, [sign up for updates](#). Learn about OPMP on the [USDA Website](#).



Image: ResistPoa

\* Other panelists will include: Muthukumar Bagavathiannan, Texas A&M Univ.; Becky Bowling, Univ. of Tennessee; David Ervin, Portland State Univ.; Travis Gannon, North Carolina State Univ.; Alec Kowalewski, Oregon State Univ.; and Clint Maddox, USDA ARS.



Image: NCSU Extension