

# Pest Management, Crop Adviser And Farmer 'Yield Day' Set For July 12

**COLUMBIA MO.**

The University of Missouri Bradford Research Center will host two events on July 12 to share the latest research and techniques for managing pests, improving yields and soil quality, and addressing common problems in the field.

Bradford is part of a network of research centers across Missouri that extends the MU College of Agriculture Food and Natural Resources' (CAFNR) research to nearly 13,000 acres to meet the regional research and demonstration needs of agricultural producers and natural resource managers.

At the events, producers, agricultural industry representatives, crop advisers and MU Extension specialists from throughout Missouri and surrounding states can learn innovative solutions to improve their agricultural operations and stay ahead of insect, weed and treatment challenges.

The Pest Management Field Day begins at 8:30 a.m. and will feature guided wagon tours on weed management, pest management and current and upcoming disease pressures.

Weed management topics at this event will include future herbicide-resistant crops such as dicamba-resistant, HPPD-resistant and 2, 4-D-resistant soybeans; recommendations for controlling glyphosate-resistant waterhemp and giant ragweed; soybean response to drift from growth regulator herbicides; interactions between soil-borne pathogens and continuous glyphosate use; stem-boring insects and waterhemp; and herbicide programs available in 2013 and beyond. Hundreds of weed management treatments are on display for self-guided tours as well.

Laura Sweets, state extension plant pathologist, will provide an update on diseases to watch out for, and Wayne Bailey, state extension entomologist, will demonstrate how to sample corn and soybean fields for new insect pests.

Certified crop advisers can earn two CEU credits at the field day. Register

before July 6 by calling 573-884-7945 or emailing [ChismT@missouri.edu](mailto:ChismT@missouri.edu). Registration is \$10, and includes lunch and tour booklet detailing each experiment.

The afternoon program will feature a new event, the Certified Crop Adviser and Farmer Yield Day. It begins at noon with a forum during lunch that features four area farmers who have had great success growing high-yield corn and soybeans.

Three tours focusing on pest management, crop production and soil management will follow. Bradford has hundreds of field demonstrations designed to find the most practical and effective solutions for producers. Researchers will discuss solutions to corn and soybean stand reduction, herbicide injury, hail damage and more.

The Farmer Yield Day is free and includes lunch for the first 250 participants. Several chemical, seed and agribusiness display booths and equipment demonstrations will also be on hand. The event concludes at 5 p.m.

For more information, go to [www.aes.missouri.edu/bradford](http://www.aes.missouri.edu/bradford) or contact Tim Reinbott at 573-884-7945 or [ReinbottT@missouri.edu](mailto:ReinbottT@missouri.edu). Δ



**Kevin Bradley, associate professor of plant sciences, discusses herbicide application effects on soybean yields at an MU field day.**

Photo credit: University of Missouri



**Eric Riley, a research associate in plant sciences, presents on giant ragweed control at an MU field day.**

Photo credit: University of Missouri

Herbicide Treatment	Rate (products/A)	Application Timing	
		4-inch	8-inch
--- Giant Ragweed Control ---			
Roundup PowerMax	22 fl ozs	20	11
Roundup PowerMax	44 fl ozs	34	23
Roundup PowerMax + Cobra	22 fl ozs / 12.5 fl ozs	61	44
Roundup PowerMax + FirstRate	22 fl ozs / 0.3 oz	50	38
Roundup PowerMax + Cadet	22 fl ozs / 0.9 fl oz	22	22
Roundup PowerMax + Flexstar	22 fl ozs / 1.3 pts	82	36
Flexstar	1.3 pts	70	---