

Crop Update

6/28/17

Upcoming Events:

Pest Management Field Day Scheduled July 7th

Bradford Research Center beginning at 8 am and concluding with lunch at noon. We have a lot of good information to share. Some of the topics that will be featured by our speakers include:

- The current situation with off-target movement of dicamba in Missouri
- New research results related to dicamba formulations, volatility and movement with temperature inversions
- New options and tools for monitoring temperature inversions in Missouri
- Injury to ornamental trees, annual and perennial flowering plants, and common garden plants with 2,4-D and dicamba containing products
- Options for horseweed control and application parameters that make success more likely
- The status of herbicide resistance in Missouri horseweed populations
- Weed seed contamination of commercial seed mixes
- Factors that influence the likelihood of weed invasion in pastures
- At harvest weed seed destruction techniques
- A comparison of current and future traits and weed management systems in soybean

In addition to all of the above, as usual we will have more than 1,000 weed management treatments in corn and soybean on display for attendees to look at on their own after lunch. **PLEASE pre-register NOW by calling 573-884-7945 or emailing chismt@missouri.edu.** We don't want to run out of meals, field day books, or space on the tour wagons so it is very important that you pre-register so we can plan accordingly. Registration for the field day is \$10 just to help reimburse us for some of the costs associated with meals. Please forward this announcement to your email list serves or any others you feel may be interested. Thanks.

Crop and Soil Management Workshop Scheduled July 13th

https://calendar.missouri.edu/event/crop_injury_and_diagnostic_clinic_718#.WU1_0mjyuU

Show-Me Soy School Scheduled July 14th

Register online: <https://mosoy.org/fieldday/>

Corn:

Continue to monitor corn following this last round of rain for disease development. Dr. Carl Bradley provided some more information on southern rust in a recent [Kentucky Pest News](#) article.

Soybean:

At the following links is previous research information on dicamba injury and stage of development from Universities: [Missouri](#) and [Arkansas](#). Other resources are [Take Action Guide](#) and [MU IPM Guide 1007](#) "Weed Identification and Herbicide Injury Guide." Another article recently written by Kevin Bradley was on [sprayer cleanout](#).

Voles are rodents whose diet consists of plant material with legumes being high on their list. Unfortunately, the management strategy for voles in legumes is cover management prior to planting, which was difficult this year with the earlier weather. [MU Guide 4448](#) has some information on voles. I have also been asked why slug damage was higher this season. Slugs prefer cool, cloudy, moist conditions. Emerging cotyledon (VC) to first trifoliolate (V1) soybeans are most susceptible to slug damage usually more on early planted soybeans. Information on slugs from Dr. Chad Lee can be found in the article, "[Slugs in Soybeans](#)."

Thank You,

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