

CROP UPDATE

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Covering the Iowa counties of Cedar, Clinton, Delaware, Des Moines, Dubuque, Henry, Jackson, Lee, Louisa, Muscatine, and Scott.

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CUPPED SOYBEAN LEAVES

The last two weeks of my life have been almost exclusively looking at soybean fields exhibiting leaf cupping, consistent with injury from dicamba. Each field was planted to a variety other than a dicamba tolerate (DT) variety; I have received no calls to look at DT soybeans. This is clearly the worst year on record in Iowa for this phenomenon. As I travel, it has become clear that we have, for all practical purposes, two types of soybeans – dicamba tolerant and dicamba injured.

Bob Hartzler and Prashant Jha wrote an excellent article on this at

<https://crops.extension.iastate.edu/blog/bob-hartzler-prashant-jha/dicamba-2020-what-went-wrong-iowa>.

Other excellent resources are:

- [Dicamba: What does the research say?](#)
- [Identifying Common Herbicide Symptoms in Soybean](#)
- [Differentiating 2,4-D and Dicamba Injury on Soybeans](#)

Anyone wishing to file a formal complaint may do so by contacting the [Pesticide Bureau](#) of the [Iowa Department of Agriculture and Land Stewardship](#).

BACTERIAL LEAF STREAK

There have been several findings of bacterial leaf streak in eastern Iowa corn fields, with some hybrids being more susceptible than others. This is a bacterial disease that can easily be misdiagnosed as Gray Leaf Spot. Because it is caused by a bacteria, a fungicide application will not help. Bacterial leaf streak is promoted by rainy weather, so the current weather and outlook do not favor the disease. More information is available at

- <https://crops.extension.iastate.edu/blog/alison-robertson/bacterial-leaf-streak-prevalent-corn-eastern-iowa>
- <https://cropprotectionnetwork.org/resources/articles/diseases/bacterial-leaf-streak-of-corn>