

## SUNFLOWER FOAMY DISORDER

Pathogen: None identified (appears varietal and physiological)

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### SYMPTOMS AND SIGNS

Some sunflower plants may be sensitive to a foamy disorder. The malady produces copious white frothy material that exudes from the leaf petioles, main stem, and flower heads that often drips to the soil. There are no known pathogens (bacteria or fungi) associated with this disorder. There will be no obvious wounds. This condition usually occurs during hot, dry conditions with ample soil moisture present.

### COMMENTS ON THE DISEASE

The cause of this disorder appears to be varietal and physiological, so there are no management recommendations. Female lines may be more susceptible than male lines. Yields and seed quality will be reduced, depending on the severity of the disorder. Insects such as stink bugs and ants are attracted to the sap.



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