



insecticide resistance management by tempering the resistance issues that are associated with continued use of synthetic pesticides.

- Biopesticides may have special storage, handling, and mixing requirements, or tank-mix restrictions. Thus, referring to the manufacturer's label is imperative when using these products.
- It is likely that pests can develop resistance to biopesticides just as they have and do to synthetic pesticides.
- There is a critical need for productive collaborations among pesticide industry scientists and researchers, public researchers and extension scientists, extension educators, and growers to address the inclusion and use of efficacious biopesticides in IPM strategies to foster a more sustainable crop production system.
- Research results will help develop effective biopesticide formulations and their effective use strategies, while educating growers about these effective strategies will foster and promote their use.

Not all biological crop additives are biopesticides. For instance, Corteva Agriscience has developed [Utrisha N](#) that is a naturally occurring bacteria that enters plant leaves through the stomata, and colonizes within the plant to help fix Nitrogen from the air. It is intended for use in multiple crops, including [soybean](#), and is expected to be available for the 2022 growing season.

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