



## biotrinsic® X19 - Frequently Asked Questions (FAQs)

**Q: What is biotrinsic® X19 FP?**

A: biotrinsic® X19 FP is a biological fungicide seed treatment labeled for corn and soybean to manage key seedling diseases, such as *Fusarium* spp., *Rhizoctonia* spp., and *Pythium* spp.

**Q: What is the active ingredient in biotrinsic® X19 FP?**

A: biotrinsic® X19 FP contains a single biological active ingredient, *Kosakonia cowanii* SYM00028, a natural gram-negative, non-sporulating, bacteria,

**Q: How does biotrinsic® X19 work?**

A: The microbes in biotrinsic® X19 manages targeted seedling disease pathogens by combining root colonization, Bioblocker™ formation, and Induced Systemic Resistance (ISR), coalescing these actions into a harmonized natural disease intervention and management process.

**Q: How is biotrinsic® X19 FP applied?**

A: biotrinsic® X19 FP is applied to corn or soybean seeds at 1 vol oz/cwt at or near the time of planting by spreading the flowable powder product over the top of seeds while in a drill, planter box, seed tender.

**Q: Is biotrinsic® X19 FP registered by the USEPA?**

A: Yes, biotrinsic® X19 FP has been granted registration by the USEPA and completed state registration in the major corn and soybean producing states. Go to [www.indigoag.com](http://www.indigoag.com) to see if biotrinsic® X19 is registered in your state.

**Q: What proof do you have that biotrinsic® X19 is effective in managing seedling diseases?**

A: During development biotrinsic® X19 went through extensive lab evaluation and multiple replicated field efficacy trials on corn and soybean conducted in several US states from 2019 to 2021, and additional real-world farm field demonstration trials in 2022.

**Q: Can I use biotrinsic® X19 FP with other fungicide or pesticide seed treatments?**

A: Applied to seed at the time of planting biotrinsic® X19 FP is compatible with a wide range of fungicide and insecticide seed treatment products to improve and strengthen the spectrum of disease intervention and can be incorporated with additional pest management options. Read the product label for more information.

**Q: Does biotrinsic® X19 FP require any special equipment to apply?**

A: No, biotrinsic® X19 FP is applied through simple topical application to corn and soybean seeds. Read the product label for more information.

**Q: Can biotrinsic® X19 be used on seed planted in organic corn and soybean production?**

A: Reviewed by the Organic Materials Review Institute (OMRI) the biotrinsic® X19 FP biofungicide formulation is now available for use as a seed treatment on organic certified farming operations as well as on conventional or non-organic farms. See the product label for more information.

**Q: Where can I purchase biotrinsic® X19 FP?**

A: biotrinsic® X19 FP is sold only through commercial seed dealers and retailers. Ask your local seed dealer or retailer about purchasing or go to [www.indigoag.com](http://www.indigoag.com) to find a retailer in your area.

\*Product performance information based on third-party field trials. Results will vary across growers and farm operations. A number of variables may affect agronomic outcomes. Indigo does not make any representations, warranties or guarantees as to any specific results or outcomes. Product may not be available in all areas. Limitations, terms, and conditions apply.