



## biottrinsic® Z15 - Frequently Asked Questions (FAQs)

**Q: Is there a real and demonstrated need for Z15 in the nematicide market?**

A: Yes, there is a need for new and effective nematicide products in multiple cropping systems. Currently, soybean cyst nematodes are responsible for an est. \$1.5 billion in crop loss in the US alone. Despite numerous nematicide products being available, both synthetic and biological, the damage caused by, and geographic spread of this pest continues to increase. The decrease in nematode resistance in selected plant genetic lines is also contributing to this problem.

**Q: Which crops can I use the product on?**

A: Currently biottrinsic® Z15 is labeled for use on soybean and corn.

**Q: Is the product registered by the US EPA?**

A: Yes, biottrinsic® Z15 has been approved for use by the US EPA following a thorough examination of all required data.

**Q: How does the product work?**

A: biottrinsic® Z15 contains an endophytic bacterium that works with the plant to activate multiple defense mechanisms, including induced systemic resistance, root colonization, repellency, and paralysis, which combine to interfere with the survival and reproduction of parasitic nematodes.

**Q: Which nematodes species are listed on the product label?**

A: The nematodes listed on the biottrinsic® Z15 label are soybean cyst and root-knot nematodes for soybeans and root-knot nematode for corn.

**Q: How stable is the product, on the shelf and once applied to the seed?**

A: biottrinsic® Z15 has a 1 year shelf life and an on-seed stability of 90 days on corn and 120 days on soybean.

**Q: Is the product compatible with other seed treatments?**

A: biottrinsic® Z15 has been tested on corn with CruiserMax® 250 and Acceleron®, and on soybean with Allegiance® FL, lleVO®, and Saltro®, without issue.<sup>1</sup>

**Q: Does the product require special handling or equipment to apply?**

A: No, biottrinsic® Z15 comes in a flowable powder formulation that can be applied by simply spreading over the surface of seeds and mixing according to directions.

**Q: How does the powder formulation stick to seeds?**

A: biottrinsic® Z15 adheres to seeds by way of an electrostatic charge that attracts the powder to the surface of seeds and helps hold it in place while in transport and during planting.

**Q: Does the product harm beneficial nematodes?**

A: No, biottrinsic® Z15 does not actively kill nematodes, but rather works within the root ecosystem to inhibit parasitic nematodes from entering the roots and limiting their ability to reproduce.

**Q: Does the product cause any harm to plants?**

A: No, biottrinsic® Z15 is a natural plant endophytic bacterium that works with plants without any phytotoxic side effects or damage to plants.

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\*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.