

## Technical Information Bulletin for Use of biottrinsic PathoShield FP and biottrinsic X19 FP Fungicide as a Seed-applied Biofungicide in Soybeans to Suppress White Mold in Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, New York, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, and Wisconsin

EPA Reg. No. 95213-3

This recommendation is made as permitted under FIFRA section 2 (ee), and this bulletin has not been submitted to or approved by the EPA. However, the EPA has accepted the recommendation herein as approved for future-printed labels.

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty on the EPA registered label are to be followed. Refer to the container label for additional instructions.

Information contained in this Technical Information Bulletin is not intended to replace or amend any product labeling. Always read and follow all label directions when using any pesticide alone or in tank mix combinations.

The user must have this recommendation in their possession at the time of use.

Always read and follow label directions.

This recommendation is for the use of biottrinsic PathoShield FP and biottrinsic X19 FP as a seed-applied biofungicide to suppress white mold (*Sclerotinia sclerotiorum*)

### Application Instructions - Seed Treatment Application

For suppression of listed diseases. See Crop Application Table.

### Seed Treatment Use

biottrinsic® PathoShield FP or biottrinsic® X19 FP can be applied to seed following one of two methods:

- The product can be applied using a measuring cup as seed is being loaded into the central hopper of the planter/seeder or individual row unit. Make sure the product is evenly dispersed onto the seed as it fills the hopper or row unit. If applied at the individual row unit, a power drill with an auger bit can be used to evenly disperse the product onto the seed.
- The product can be applied using equipment designed to meter dry products onto seed as it is being transferred up a conveyor or auger either on the farm or at a seed treatment location. Be sure the product is applied evenly over the seed as it enters the conveyor or auger.

### Crop Application Table

Crops	Diseases Suppressed	Application Rate
Soybean	<i>Sclerotinia</i> (sp.)	1.0 volumetric ounce/ cwt

## **Seed Bag Labeling Requirement and Other Seed Treatment Requirements**

This product does not contain dye and is not covered by an appropriate tolerance, tolerance exemption, or other clearance under the Federal Food, Drug, and Cosmetic Act. To comply with 40 CFR 153.155, therefore, all seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for humans or feed for animals.

The Federal Seed Act requires that bags containing seed treated with this product shall be labeled with the following information: "This seed has been treated with *Kosakonia cowanii* strain SYM00028. DO NOT use for food, feed or oil purposes."

For At-Planting Seed Treatments: Do not use treated seed for food or feed purposes or process for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting.