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## FUNGI STOP 12

### BIOLOGICAL FUNGICIDE FOR COFFEE DISEASES

ACTIVE INGREDIENTS IN 1 KILOGRAM:

<b>Main ingredients:</b>	.... 6,00%
Pseudomonas Fluorescens	1x10 <sup>8</sup> CFU/GRAM
Bacillus Subtilis	1x10 <sup>8</sup> CFU/GRAM
<b>OTHER INGREDIENTS:</b>	...94,00%
<b>TOTAL:</b>	.....100%

First Aid	
If on skin or clothing:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, and the continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>HOT LINE NUMBER:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Emergency.</p>	

## KEEP OUT OF REACH OF CHILDREN CAUTION

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION:

Harmful if absorbed through skin, inhaled, or swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust, wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear protective eyewear, long sleeved shirt, long pants, waterproof gloves, shoes and socks. Mixing, loading or applying must wear a dust mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or F-95. Follow manufacturer's Instructions for cleaning/maintaining PPE. If no such instructions for washing, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing/PPE immediately. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water or to areas, where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is protective eyewear, coveralls, waterproof gloves, shoes, and socks.



## PRODUCT INFORMATION

Powder 100% soluble biological fungicide is preventative for control of Coffee plant diseases as *Anthracnose*, *Glomerella cingulata*, *Colletotrichum kahawae*, *Armillaria root rot*, *Algal (red) leaf spot*, *Bark disease*, *Gibberella stilboides*, *Berry blotch*, *Black (Rosellinia) root rot*, *Black (seedling) root rot*, *Brown blight*, *Glomerella cingulata*, *Colletotrichum*, *Brown eye spot*, *Brown leaf spot*, *Canker*, *Collar rot*, *Gibberella stilboides*, *Coffee berry disease*, *Die-back*, *Dry root rot*, *Leaf blight*, *Leaf spot*, *Pink disease*, *Red blister disease (robusta coffee)*, *Rust (orange or leaf rust)*, *Rust (powdery or grey rust)*. Fungicide can be used alone or in conjunction with certain chemical pesticides or fungicides also can be used in combination with any type of NPK fertilizer. For user instruction see on NPK fertilizer label.

## PREPARATION FOR USING

Biological fungicide must not be mixed with chemicals that contain the following active ingredients: imazilil, propiconazole, tebuconazole, and triflumizole. Do not apply ready mix immediately before these pesticides are used.

**See specific instructions for tank mixing.**

**NOTE:** Biological fungicide becomes active on plants when temperatures are above 10° C and is not effective while temperatures remain cold.

## FOLIAR SPRAY

**GREENHOUSE FOLIAR SPRAY:** Suspend 10 gr of biological fungicide in 5 liters of water with agitation, and apply prepared suspension as a foliar spray to greenhouse planting mixes for 50 m<sup>2</sup>. Constant agitation is required to maintain biological fungicide in suspension. Biological fungicide can be tank mixed and is compatible with many commonly used fungicides, other fertilizers, herbicides, insecticides and biological control products. If tank mixes are desired, observe the most restrictive of labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below for more information.

## GARDEN, FIELD FOLIAR SPRAY:

Suspend 5.0 kilograms of biological fungicide in 400 - 600 liters of water with agitation, and apply prepared suspension as a foliar spray to garden plants or field planting mixes of 1 ha area. Constant agitation is required to maintain biological fungicide in suspension. Biological fungicide can be tank mixed and is compatible with many commonly used fungicides, other fertilizers, herbicides, insecticides and biological control products. If tank mixes are desired, observe the most restrictive of labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below for more information.

**REPEATED FOLIAR SPRAY:** foliar applications are for all plants and apply biological fungicide every 7 - 14 days. Suspend 4.0 kilograms of biological fungicide in 400 - 600 liters of water with agitation and apply prepared suspension as a foliar spray to bigger gardens or fields, also the 10 gr to 5 liters of water mix to small greenhouses or garden planting mixes of 50 m<sup>2</sup> area. Spray to wet, but avoid runoff. Biological fungicide can be applied using hand-held backpack or ground spray equipment. Do not use in low-volume sprayers. To improve plant surface coverage, consider tank mixing biological fungicide with a nonionic spreader-sticker.

## AGITATION IS REQUIRED TO MAINTAIN SUSPENSION

Clean application equipment before use of this product and use sprays within 4 hours of preparation. To prevent nozzle lip clogging, the manufacturer recommends using 100 micron mesh inlet screens in all spray equipment.

## TANK MIXING

Biological fungicide can be tank mixed and is compatible with many commonly used fungicides, other fertilizers, herbicides, insecticides and biological control products. If tank mixes are desired, observe the most restrictive of labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below for more information.

**This product must not be tank-mixed with chemicals that contain the following active ingredients: imazilil, propiconazole, tebuconazole, and triflumizole.** Do not apply biological fungicide before these pesticides are used. In accordance with the most restrictive of label limitations and precautions (for all products used in a tank mixture), this product can be mixed with specific products. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing. To reduce potential residue and minimize clogging of spray equipment, the manufacturer recommends the following decanting procedure. Place 5 liters of water in a container. Add the desired nonionic spreader-sticker. Mix based on the final spray volume, add appropriate amount of biological fungicide. Let the solution sit for 10 minutes. Agitate for 10 minutes. Let the solution sit for less than one minute. Pour off the liquid that now contains biological fungicide into the spray tank. Add a small amount of water to the settled material in the container to remove any remaining product. Briefly mix and let solution sit for less than 1 minute. Pour off liquid mix into the spray tank. Bring spray volume to the desired level.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

## FUNGICIDE STORAGE

Store in a cool, dry place from direct sunlight. Do not store at temperatures above 23°C for prolonged periods. Keep container tightly closed when not in use.

## FUNGICIDE DISPOSAL

Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non refillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available, or dispose of empty bag in sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke. If outer box is contaminated, dispose of in same manner as required for the bag.

## NOTICE TO BUYER AND SELLER

Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with the directions. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sale liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price. This product is sold only for uses stated on its label.