

# EcoFire

**Bactericide for use on apples and pears.**

Biological control fire blight, on pears and apples

## ACTIVE INGREDIENT(S)

Bacteriophage active against <i>Erwinia amylovora</i> *	0.0000005%
Inert ingredients	99.9999995%
Total	100.00%

\*Contains at least  $1 \times 10^9$  plaque forming units (PFU) per ml of product

## Keep out of reach of children

### CAUTION

See another outer label for additional  
precautionary statements and directions for use

This product is not registered by the US EPA. EcoPhage Ltd. declares  
this product is exempt from FIFRA registration requirements under  
40 CFR 152.30(c)(2).

**EPA Est. No.: 102839-ISR-1**

### Manufactured by:

EcoPhage Ltd. - Pinchas Sapir 3  
Ness Ziona, Israel 7403626

**NET CONTENTS: 500ml**

**BATCH: 000072**

**Not for sale or use after: 0/0/2025**

## PRECAUTIONARY STATEMENTS

### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Waterproof gloves
- Shoes plus socks

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filters. Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization. Follow the manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

User should: Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

### Environmental Hazards

Do not apply directly to water, 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 water or rinsate.

### 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 people, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### PRODUCT INFORMATION

**EcoFire** is a bactericide that is comprised of a formulation of bacteriophage to be used as a preventive and curative product for the control of fireblight (caused by the bacterium *Erwinia amylovora*)

- Apply **EcoFire** as a preventive to protect flowers or growing leaf tissue or when conditions are conducive to heavy disease pressure.
- Repeat application up to 3 times a week to prevent continuous and self-inoculation of the bacteria.
- Apply **EcoFire** with conventional equipment as a foliar or chemigation application.
- See the Mixing Instructions and Compatibility Information and Applications Instructions sections of this label for additional details.

### MIXING AND APPLICATION INSTRUCTIONS – MIX WELL PRIOR TO USE

**ORDER OF MIXING:**

1. Remove scale, pesticide residues, and other foreign matter from the spray tank and entire injector system. Flush the tank and the injector system with activated carbon and detergent, and the final flush with clear water. Failure to provide a clean spray tank may cause EcoFire-SC to lose effectiveness or strength.
2. Fill the spray tank with clean water and begin agitation.
3. Add the specified amount of **EcoFire**
4. Maintain a spray solution pH between 6.0 and 8.5
5. Do not allow spray mixture to stand for more than 12 hours.

**GROUND TANK MIX INSTRUCTIONS:**

Mix 1-2 liter of **EcoFire** in 100 liter of water (1-2%). If mechanical mixing is available when preparing the spray solution, agitation ensures proper blending.

**COMPATIBILITY:**

Do not combine **EcoFire** in the spray tank with denaturing agents, copper, or iron salts. Apply **EcoFire** in approved tank mixes or in an alternating spray program, applying denaturing agents, copper, or iron salts 4 days after **EcoFire** application, as denaturing agents, copper, and iron salts compromise bacteriophage survival.

The compatibility of **EcoFire** in a tank mix with commonly used pesticides and fertilizers has not been evaluated, yet. **EcoFire** cannot be mixed with another product with a prohibition against mixing.

Field treatment		
Rate		Application notes
1-2% of EcoFire-SC per 400-600 l of water per hectare	Repeat application 1-3 times per week throughout the blooming period.	Begin applications 2-3 days before blooming of the first flower in the orchard.  It is recommended to spray EcoFire-SC during evening hours shortly before sunset, to prolong the phage activity and postpone the degradation by UV light. It is recommended to use a sprayer equipped with an air-assisted system, to ensure adequate foliar and flowers coverage.

**Post-harvest interval (PHI):**

**Re-Entry:** Not less than four hours after application, and after the foliar dehydrated from the spray moisture.

**Storage and Disposal**

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

**PESTICIDE STORAGE:**

Store this product in a cool, dry area, away from direct sunlight and extreme heat which may cause degradation of the product and decrease product efficacy.

**Pesticide Disposal:**

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

**Container Handling:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full of water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Warranty Statement**

TBD legal statement.

DRAFT