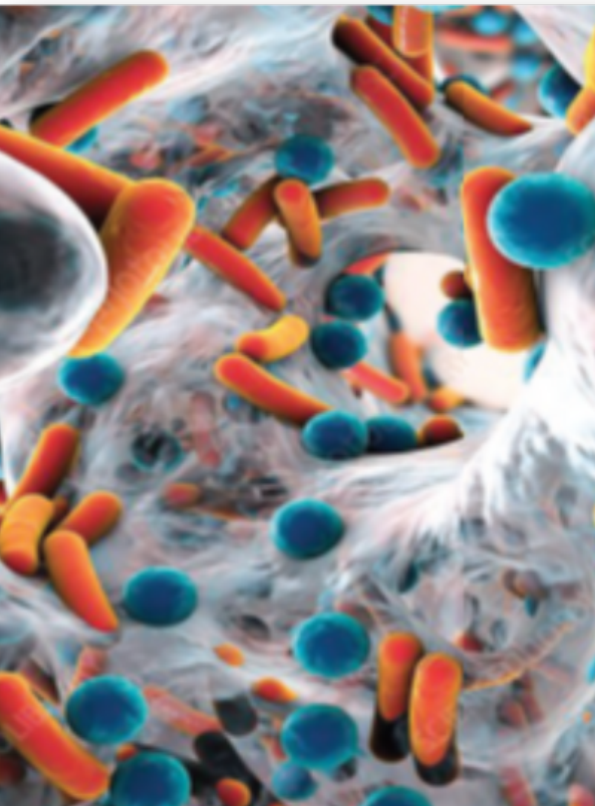




# BiopHilm

BiopHilm is a polymer-based protector recommended for products containing living microbes. *BiopHilm can be used to increase the viability of microbes by: Protecting microbes against desiccation in low moisture conditions. Protecting microbes against osmotic stress. Protecting microbes against chemical damage.*



Crop	Rate	Timing
Seed	0.5% - 25mL BiopHilm per 5L Water per 1T seed	Used to protect Recruit on seed
Liquid tank mix	0.5% (5L BiopHilm / 1000L Tank Mix)	Use to protect Recruit, BioTeam, MetaBoost, FullBAC, HalfBAC, Micro N stubble and MicroN Bac-up in tank mixes

#### Positioning:

- Create a protective film for living microbes in antagonistic tank mixes.
- A protecting agent where microbes are applied on stubble and the lifespan needs to be prolonged to allow establishment inside the stubble.
- Great product to protect living microbes in antagonistic soil conditions

#### Uses:

- BiopHilm can be used to increase the vitality of microbes by:
  - Protecting microbes against desiccation in low moisture conditions
  - Protecting microbes against osmotic stress
  - Protecting microbes against chemical damage

#### Compatibility with Agricultural Chemicals:

- Compatible with most fungicides, insecticides and liquid nutrition.
- Premix BiopHilm with microbes and water before adding to tank.
- Please consult with your adviser before applying in any complex tank mixes

#### Directions for Use:

- Add biology to water
- Always use 0.5% BiopHilm in the total tank mix is applied. E.g if the tank size is 3000L then use 15L BiopHilm (add BiopHilm to the microbe and water mix)
- BiopHilm is a gel like substance, ensure that it is well-dissolved before it is added to the tank mix

#### Mixing order:

- Add BiopHilm microbe mixture with water containing products, add rest of the tank mix in correct industry order

#### Other Details:

Laboratory tests results have shown that BiopHilm will protect vulnerable microbes in tank mixes at the suggested rates in tank mixes with chemicals and other nutritional products.

#### IMPORTANT NOTES

Contents may settle. Shake well before use. , Keep in a cool (4°C to 24°C) place, Do not allow to freeze, Store out of direct sunlight and Do not use product after expiry date.

Contact your local Wilchem representative for more information