

Technical Sheet
ALOMYXA®

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ALOMYXA®
BACTERIAL INOCULANT
SOLUBLE SUSPENSION

GENERAL DESCRIPTION

ALOMYXA® is a crop bacterial inoculant made up of a Plant Growth Promoter Rhizobacteria (PGPR) that colonizes the roots and surrounding soil of plants to enhance their growth. The product's PGPR primarily comprises *Bacillus amyloliquefaciens*, which improves plant productivity through various biological mechanisms.

This process involves the creation of organic acids that dissolve and release essential nutrients from the soil, making them more accessible to plant roots. It also produces antibiotics that fight off harmful fungi and other microorganisms that can harm plants.

Additionally, it systematically stimulates the biosynthesis of compounds that regulate plant growth. Another benefit is the production of exopolysaccharides (EPS), which help to retain moisture in the soil around the roots. Finally, it promotes biological nitrogen fixation.

ALOMYXA® is a 100% organic water-soluble product produced biologically under controlled natural conditions. It is safe to apply on crops and does not harm the ecosystem or humans.

COMPOSITION

This product contains a mixture of endospores and viable bacteria primarily derived from *Bacillus amyloliquefaciens*. It guarantees a minimum of 1.0×10^{10} CFU/mL of beneficial PGPR. Additionally, it is enriched with leachate from organic compost made by earthworms. This leachate provides microorganisms that can solubilize phosphorus, such as *Pseudomonas mosselii*. **ALOMYXA**® is created from a cultured complex broth produced by biotechnological bioprocessing from a specific media culture. It is completely water-soluble and contains components that protect and maintain the microorganisms' viability during the shelf life.

PHYSICAL AND CHEMICAL PROPERTIES

ALOMYXA®, in its liquid presentation, is a suspension 100% soluble in water.

- pH: 4.5 - 5.0
- Color: slight brown
- Odor: Fermentative acidic
- Non-corrosive
- Non-reactive

MANUFACTURE

This product is made in specialized biotech facilities using a precise and controlled media culture, free from environmental pollutants. The materials used to create this biofertilizer are entirely safe and do not harm humans or the environment.

The product includes organic leachate obtained from the production of worm compost. This liquid helps to maintain a healthy environment for the beneficial microorganisms that are present in the product. Additionally, it may contain unique microorganisms that can enhance the growth of plants.

PRESENTATION

Liquid

In a bottle of 33.8 us oz fl

In a carafe of 5.28 gal

APPLICATION

ALOMYXA[®] is a safe product that can be applied to any crop, tree, or ornamental plant. It can be used in both farms and residential areas. It should be applied directly to the soil near the plant's root system. The recommended dosage is 2 L/Ha weekly throughout all stages of plant growth, including sprouting, seedling, vegetative, budding, flowering, and ripening.

For the best dosage recommendation for your crops, you should seek assistance from an authorized representative or distributor of **NUTRISURCO**[®].

STORAGE

Avoid exposing the biofertilizer to direct sunlight; store it in a cool and dry place.

“STRENGTHENING THE FIELD”