

Bacillus polymyxa Biofertilizer

Bacillus polymyxa is a non-pathogenic bacterium with endospores that promotes plant growth. It helps plants obtain nutrients through nitrogen fixation and phosphorus solubilization and can inhibit the growth of certain pathogens.



Product Overview

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Bacillus polymyxa is a highly effective, beneficial bacterium utilized in agriculture as both a biofertilizer and a biocontrol agent. By fixing atmospheric nitrogen, solubilizing phosphorus, and producing essential plant growth hormones, it significantly promotes crop development. Additionally, it provides robust protection against soil-borne bacterial and fungal diseases, making it a versatile solution for sustainable farming.

Agricultural Applications

Targeted Soil-borne Diseases

- Taro soft rot
- Chinese cabbage soft rot
- Pepper root rot
- Flower root rot
- Polygonatum root rot
- Adenophora root rot
- Tomato damping-off
- Tomato wilt
- Pepper blight

Primary Benefits

Growth-promoting, Yield-increasing, Biocontrol agent, Nitrogen fixing, Phosphorus solubilizing

Physical Properties

Physical Form

Powder

Application Methods

Recommended Application

Root irrigation