

# Microbiate™ RX

## Soil Revitalization



### Product

Microbiate™ RX is an environmentally friendly, all-natural biostimulant, registered with the Canada Food Inspection Agency (CFIA). It revitalizes soils by introducing and enhancing a beneficial microbial population. The proprietary microbial formulation is cold climate-adapted, allowing the microbes to work in a wide range of soil temperatures and support plant growth, even in drought conditions. Overall, soil will be revitalized with a healthy microbiome.

### Benefits

- Increases overall plant mass by improving nutrient and water uptake by plants.
- Enhances beneficial microbes in soil microbiome.
- Improves conditions for better plant establishment.
- Enables 100% solubilization of inorganic phosphate.
- Facilitates a high rate of nitrogen fixation within soils, leading to healthy foliage and high drought tolerance.
- Sparks a formidable abiotic stress tolerance against drought and sodium in soils, leading to root protection and pathogen resistance.

### Unique Features

- Naturally cold-adapted, complementary bacteria strains.
- Effective at lower soil temperatures.
- Microbial remnants become dormant in soil temperatures below the freezing point and will reactivate as temperatures rise above 0°C (32°F).



## Additional Benefits

- Supports optimal soil acidity and pH levels for plant growth.
- Promotes plant growth in soils with high salinity.
- Promotes growth in low nutrient, burned-out soils.
- Enhances natural pedogenesis (soil formation) through nutrient cycling.

## Get Results

Microbiate™ RX uses 2 bacteria strains to inoculate the plant, which in turn initiates 3 key, naturally occurring mechanisms, in order to:

- Improve germination rates.
- Increase plant biomass.



## BNS Approach

Our team works closely with our clients, providing tailored plant growth strategies. We will review your specific requirements and determine a sustainable application plan.

We lead with science to offer a sustainable reclamation plan.

**Contact us for a free  
consultation.**

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Problem



Data Collection



The BNS  
Approach



Implementation



Analysis



Reclamation of  
Land

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