



# RhizoVital® C5

## Soil amendment for a thriving start in cold soils.

RhizoVital® C5 is a soil amendment that contains spores of the soil bacteria *Bacillus atrophaeus* ABi05.

### Early start to the season

RhizoVital® C5, the next-generation bacterial inoculant designed to help your plants thrive, even under stress. Whether you're growing potatoes, cereals, vegetables, or ornamentals, RhizoVital® C5 is your reliable partner for healthier plants and higher productivity. Easy to apply, compatible with organic farming, and proven to deliver results.

### Product facts

- *Bacillus atrophaeus* ABi05
- High concentration:  $2.5 \times 10^{10}$  cfu/ml
- Active from 8 °C soil temperature
- Easy storage: 2 years at < 25 °C
- High compatibility with plant protection products and fertilizers.
- Suspension concentrate and different dry formulations available.

### Key benefits

- Improved plant emergence.
- Enhanced root growth and nutrient mobilization.
- Plants are more resilient.
- Increased crop yield.
- Easy to integrate into IPM programs.
- No residues - safe for growers, consumers, and the environment.

Trademarks: C5 TundraBac®, RhizoPlus®

# Application

RhizoVital® C5 is highly recommended for almost any crop. It should be applied as early as possible, preferably at sowing or shortly afterwards. In combination with fertilizers, fungicides or conventional seed treatments, synergistic effects can be achieved.

Crop	Application quantity	Application method
Cereal (corn, wheat, barley, etc.)	0.2 L/100 kg seed	Seed treatment
Potatoes	0.5 - 1L/ha or 0.1 L/500 kg tuber	Seed treatment or in-furrow at planting
Vegetable crops, protected (tomato, cucumber, etc.)	1 - 2 L/ha	Root dipping before transplanting or irrigation system
Vegetable crops, open field (carrots, beets, cabbage, etc.)	1 - 2 L/ha	In-furrow at planting. Repeat as needed.
Herbs	1 L/ha	Root dipping before transplanting or in-furrow at planting
Onions	0.5 - 1 L/ha	Root dipping before transplanting or in-furrow at planting
Strawberries	1 L/ha	Root dipping before transplanting or irrigation system
Grass & turf	1 L/ha	Irrigation system
In hydroponic systems	1 - 2 L/ha	Include the product in the hydroponic system

Depending on the culture, repeated application after 4 to 6 weeks is recommended. For seed treatment mix in the rate of 1:1 RhizoVital® C5 and water and apply according to commonly used method

## Field Experience

### Corn



In-furrow treatment on corn:  
Untreated control (left), RhizoVital® C5 (right).  
Source: Andermatt Poland (2020)

*Healthy Food and Healthy Environment, for all*