



■ Identification

| | |
|-------------|---|
| What | Biostimulant |
| Composition | Based on <i>Bacillus</i> with complex carbon chains of vegetable origin Bacteria (<i>Bacillus sp.</i>): 10 ⁹ CFU/g Content of complex carbon chains of vegetable origin: 1,2 % |
| Form | Liquid |
| Derog. n° | EM735.D |

■ Characteristics

- This biostimulant consists of a combination of a microbial component and a component of organic origin; namely special bacteria strains (*Bacillus sp.*) mixed with specific complex carbon chains of vegetable origin.
- Trials have shown that this unique combination provides the following major benefits:

- As for their structure, the carbon chains in DCM VITACT[®] F strongly resemble humic and fulvic acids, which have a **direct effect** on the **root structure**.
- The bacteria (*Bacillus sp.*) colonize the rhizosphere and release the phosphorus present in the soil, which makes it uptakeable for the plant roots.

This will help to obtain better root development: **more roots and remarkably more fine root hairs**, in open field as well as in organic (potting soils) and mineral (rock wool) substrates.

- Builds complexes with the positively charged ions (cations) in the soil = less leaching losses.
- Protects the bioactive components against decomposition.
- A **better nutrient uptake** (N, P, K + trace elements...) stimulates the **aboveground growth**, generates more vitality and optimizes the health of roots and plants.

For **higher yield and better quality** of fruiting vegetables (tomatoes, cucumber...) and fruit, without additional fertilizer input.

■ Instructions for use

| CROPS | DOSAGE AND FREQUENCY |
|---|---|
| Field crops | 1 L/ha, apply with 400 to 1000 L water 2 applications : at the start and after 4 to 6 weeks |
| Arable crops | 500 ml/ha, apply with min. 200 L water 1 application on the ridge/in the row while sowing/planting |
| Substrate cultures (protected crops) | 1 - 2 L/ha, apply with 400 to 1000 L water 5 – 10 ml/m ³ , apply with 2 to 10 L water 2 applications, with an interval of 4 to 6 weeks Spread evenly over the substrate |
| Irrigation of seedlings and cuttings in pots/trays | 1 ml per L Moisten the substrate without creating drainage |

- Shake the bottle/container before use.
- Apply the product as close as possible to the (young) roots by watering or by drip irrigation.
- Apply the product to moist soil/substrate.
- Avoid run-off and do not create drainage immediately after application of the product. Avoid watering for the first few hours after application and postpone the application if rain is expected.

■ Storage

Store the product at room temperature (between 5 ° C and 20 ° C) in a well-ventilated space without temperature fluctuations. Store the product away from sunlight, in its original packaging. Keep the product out of the reach of children and pets and away from food, drink and animal feeding stuff.

■ Miscibility

Contact your dealer for product compatibility information.

■ Packaging

5 L container (5,35 kg) – 4 bottles/carton (= 20 L)
1 L bottle (1,07 kg) – 8 bottles/carton (= 8 L)