

1. PRODUCT AND COMPANY IDENTIFICATION

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Product: RADISANE HORT



2. COMPOSITION/INFORMATION ON INGREDIENTS

Solid product based on beneficial bacteria that promote growth and plant health. The product is rich in fermentation extracts that, together with the microorganisms it contains, act in synergy.

Microbial strains contained: *Bacillus subtilis* (2×10^9 ufc / g), *Bacillus amyloliquefasciens* (1.5×10^9 ufc / g), *Bacillus methylotrophicus* (1.5×10^9 ufc / g), total 5×10^9 ufc / g.

3. CATEGORY FOR COMMERCIALIZATION

Special product based on microorganisms. Non-mycorrhizal microorganisms. Applicable Regulatory Law: Royal Decree 999/2017 that modifies RD 506/2013 on fertilizer products. Reg: F0003954 / 2029.
Certified product for use in organic farming (CAAE).

4. FEATURES AND MODE OF ACTION

RADISANE HORT stimulates the development and health of plants and their roots mainly in soils with problems of phytopathogenic fungi. The mechanisms of action of the product are:

- Increased mechanical resistance to austeria (entry structures) of pathogenic fungi by strengthening the tissues of the cortex
- Prevent the appearance and proliferation of soil borne plant pathogens in treated roots
- Produce active metabolites that stimulate the growth and productivity of plants
- Reinforce endogenous defences of the plant
- Promote the proliferation of beneficial microbial life in the rhizosphere

5. COMPATIBLE PLANTS WITH RADISANE HORT

No incompatibilities with plants are detected.

6. COMPATIBILITY WITH PESTICIDES AND FERTILIZERS

This is a live microbial product, so it is not advisable to set treatment with fungicides and pesticides active ingredients that could be harmful to the microbial strains contained in RADISANE HORT

Most common fertilizers are compatible with the product.

For more information about the active principles compatible, contact the technical service

7. STABILITY INFORMATION

Stable for a period of 12 months if stored in a cool, dry place, away from direct sunlight.

8. RECOMMENDATION FOR USE

The product is suitable for fertirrigation systems. The product is recommended for use in horticultural, ornamental, Forestal and orchards plants: seedlings, nursery, and established plants (field).

Indicative dose: 1 Kg/Ha

Preventive action:

Apply preventively at the beginning of the crop in soils where the presence of pathogens is known.

Curative action:

Apply the product every 15/30 days if the disease persists

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Baige powder
Granulometry:	Powder: <120µm;
pH in water (1:5):	6
Dry matter:	97%
Relative density (H ₂ O=1)	0.65Kg/L

10. OTHER INFORMATION

The product is used as a natural biofertilizer for plants. The information reflected herein is referred to the product unaltered, and according to the manufacturer's specifications, being a guide to the handling, use, processing, storage, transportation and safe disposal and should not be considered a warranty or specification quality. Data expressed are based on product knowledge to date of revision of the document.