



Radisei®



With *Bacillus subtilis* SEIBS23.
Seipasa's
exclusive strain

POWER



Enhances
root
architecture



Promotes
nutrient
assimilation









Resilience
to adverse
conditions





REGISTRATION
No. IN SPAIN:
F0004121/2029



ADVANCED BIOLOGICAL TECHNOLOGY: EFFECTS AND BENEFITS OF RADISEI®

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Applied microbiology: Radisei® incorporates PGPR (*Plant Growth Promoting Rhizobacteria*) technology to improve plant-soil interaction by activating key biological processes.
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Nutrient assimilation optimisation: Radisei® improves the efficiency with which nutrients are absorbed by promoting atmospheric nitrogen fixation, thereby reducing dependence on nitrogen fertilisers. It also solubilises phosphorus and potassium, improving their availability in the soil. Furthermore, it produces siderophores, which increase the uptake of iron, an essential nutrient for plant growth.
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Root biostimulation: The product increases root biomass and promotes the growth of absorbent hairs. This creates a symbiotic relationship with the plant, stimulating more vigorous root growth and more efficient nutrient uptake.
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Resilience and adaptation to challenging conditions: Radisei® enhances osmotic regulation and modulates plant epigenetics to improve photosynthetic efficiency. This enables plants to adapt more effectively to adverse environmental conditions, ensuring optimal performance.
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Contribution of bioactive compounds: With an optimal C/N ratio, Radisei® provides organic acids, amino acids, and vitamins to stimulate plant growth and development, strengthening the plant's natural system.
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The biofilm generated throughout the root system establishes a powerful biological and physical barrier, as well as a unique symbiotic relationship.

APPLICATIONS

CROP	DOSE VIA SOIL	RECOMMENDATIONS FOR USE
 <p>All woody crops such as: Almond, walnut, pistachio, hazelnut Stone and pip fruit: peach, nectarine, apricot, cherry, plum, apple, pear, quince Citrus fruit: orange, mandarin, lemon, lime, grapefruit Olive tree Grapevine and table grapes Blueberry, raspberry, blackberry, gooseberry Mango, avocado Banana Pineapple, papaya, kiwi</p>	2,5-5 kg/ha	Apply two to four treatments at two- to three-week intervals, starting at the beginning of the cycle (*)(**) and at times of maximum energy demand for the crop, such as sprouting, fruit set and fruit fattening. Apply during the last third of irrigation to localise the product in the wet bulb and avoid washout. Can be applied with a spike. Dosage subject to fertilisation.
 <p>All soil-based horticulture (open air and greenhouse) such as: Tomato, pepper, courgette, cucumber Lettuce, pre-prepared convenience food and similar Strawberry Melon, watermelon Potato, onion, leek, carrot, garlic Broccoli, cauliflower, cabbage Bean, pea, broad bean Artichoke, celery, chard, spinach, asparagus, parsley, radish, fennel, mushroom and others</p>	2,5 kg/ha	Apply four applications at one- to two-week intervals, starting two weeks after transplanting. Apply during the last third of irrigation to localise the product in the wet bulb and avoid washout. Can be applied with a spike. Dosage subject to fertilisation.

HANDLING

This product is hygroscopic; once opened, use the entire contents or reseal the bag.

(*) We recommend a higher number of applications using lower doses. This ensures the soil and roots are reinoculated, extending the viability of the micro-organisms.

(**) In the case of blanket irrigation or spreader application, increase the dose by 30- 50%, depending on the needs of the crop.