

Plant Strengthenener

INSTRUCTIONS FOR USE

Ingredients

- *Pseudomonas sp. Proradix* (DSMZ 13134)
at least $6,6 \times 10^{10}$ cfu per g product
- Natural substance enhancers

Storage/Durability

- Lasts for 8 months when stored at temperatures between – 18 to + 4 °C (as of delivery date)
- Store as cool as possible
- For transport and storage avoid temperatures over 30 °C
- After opening, store in cool place and use up within a few days!

Mode of Action

The selected *Pseudomonas* strain (DSMZ 13134) populates the root's surface after treatment application, multiplies there, and grows with the new roots. The impact unfolds through resistance induction (stimulation of the plant's own resistance mechanism), competition for nutrients (iron, root exudates). Exudates a potent iron-chelate.

Genetic technology, plant and environment compatibility

Proradix HORTIC is a product free of genetic technology. Within the recommended application amounts **Proradix HORTIC** is very plant-compatible. According to present knowledge it has no influence on ground water or soil borne insects.

The original soil bacterial balance returns a few weeks after **Proradix HORTIC** application.

Application

Guidelines for user protection:

Proradix HORTIC should only be used in the exact way described in these instructions.

Proradix HORTIC should be stored separately from all food-stuffs and unreachable for children. If eye or skin contact occurs thoroughly wash out with water and change soiled clothes. Danger to health if inhaled, swallowed or in contact with skin. Allergenic if inhaled and in contact with skin. Wear inhalation-protection during preparation.

Application recommendations and indications

To strengthen the young plants (cucumbers, tomatoes, zucchinis and paprika), water shortly before or directly after planting out.

In addition we recommend a first treatment with 100 g in the nursery.

Sprinkling: 100 g /ha dissolved in water through the sprinkler.

Pour/Immersion: 100 g dissolved in water, for watering or drenching the plant for 1 ha.

Mixable with chemical fungicides. Not mixable with copper.

Making the treatment brew

1. Knead bag before opening
2. Fill a container with 2.5 liters of water
3. Add contents of bag
4. **Completely dissolve for 30-60 minutes, stir often**
5. Pour the treatment brew into the irrigation tank and fill with water or dilute the treatment brew and drench the plants before planting out
6. **Use treatment brew immediately**

Supplementary advice for users

Directions for environment compatibility

Using up remains:

You can use up any remains of **Proradix HORTIC**-brew on the already treated area. According to present knowledge danger to water or bees does not exist.

Waste Disposal

The packet must not be used again. Empty, washed out, and unusable packets should be put in household waste.

Liability

The statements reflect the current state of knowledge and are intended to provide information with regard to the product and its contents. The product is suitable for the recommended uses in compliance with the instructions for use. However, since storage and application of a product is not within the boundaries of our influence and, in particular, because not all circumstances can be anticipated, liability for the flawless quality of the product can only be given for the time of delivery of the goods. In the case of biological products in general the grade of effectiveness is dependent on complex interactions between various environmental factors. This also holds true for **Proradix HORTIC**, which is why no liability is assumed for such factors or circumstances which are outside of our boundaries of influence.

Sourcon-Padena GmbH & Co. KG shall no be liable for damages, arising from improper storage or application of Proradix HORTIC.