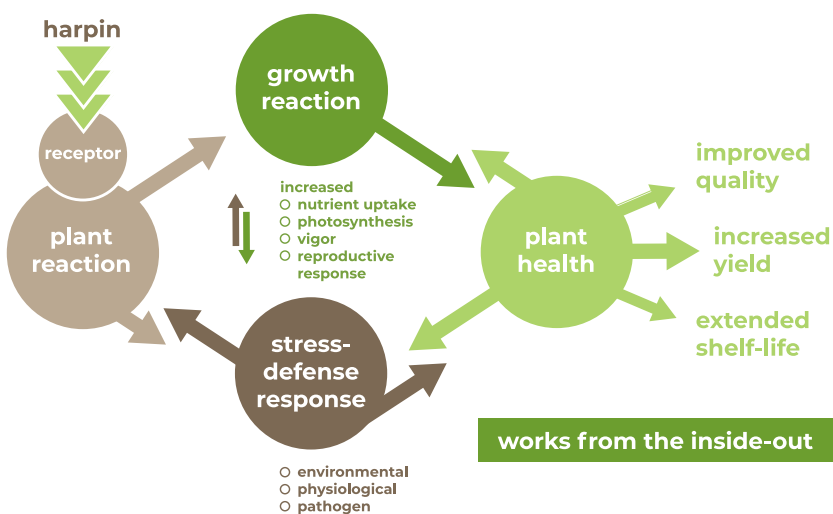




Activator of growth reaction and immune system

PHC ProAct is a soluble biostimulant that stimulates the improved development of various plant processes in a natural manner. Harpin signal proteins activate the induced immune system in the plant, causing the production of - among other things - salicylic acid and jasmonic acid. These proteins also ensure that the signal route for the constant immune mechanism functions more efficiently. As a result, more silicon and calcium are absorbed and bound in the plant cells. The effects of higher silicon and calcium concentrations continue after harvesting, resulting in increased storage and shelf life.

Harpin proteins play an important role in the various phases of plant growth. For example, they result in increased fruit formation when applied before blossoming. Fruits and plants are better developed when applied during the growth phases. Harpin stimulates photosynthesis, resulting in increased nutrient density in plants. In times of drought or water evaporation, harpin ensures that plants are more resistant to these conditions by regulating loss of water via the stomata and improving water retention in the cells. PHC ProAct can be applied on all crops and plants due to the very broad and extensive effect of the proteins.



PRODUCT BENEFITS

- Activates growth processes
- Stimulates calcium absorption
- Improved calcium binding in fruits
- Activates plant immune systems
- Increases photosynthesis
- Increases abiotic stress tolerance
- Improves crop quality
- Significant improvement in shelf life
- Increased nutrient density

USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

PHC ProAct can be used in combination with all PHC fertilizers, PHC mycorrhiza products and PHC plant enhancers. Application of PHC Fulvic 25 and Natural Green amplifies the action and effect of PHC ProAct.

Packaging, transport & storage

PHC ProAct is supplied in a 200 g bag. This product attracts moisture. Store sealed, dry and away from frost. Shelf life: 2 years.



We Grow Soil.

Health and safety information

Not intended for ingestion. Wash hands after use. In case of an accident or if you feel unwell, consult a doctor.
KEEP OUT OF REACH OF CHILDREN.

Product licences

PHC ProAct is a natural biostimulant.

INGREDIENTS

| | |
|-------------------|-----|
| Harpin protein | 1% |
| Inert ingredients | 99% |

DOSAGE**Ornamental plant cultivation**

| | |
|----------------------------|----------|
| After planting | 150 g/ha |
| Fortnightly | 100 g/ha |
| One week before harvesting | 200 g/ha |

Vegetable cultivation (drip irrigation)

| | |
|-------------------|------------|
| After planting | 10 g/100 L |
| Every three weeks | 10 g/100 L |

Agriculture

| | |
|-----------------------------|----------|
| First leaf formation | 150 g/ha |
| Before flowering | 150 g/ha |
| After tuber/fruit formation | 150 g/ha |

Fruit cultivation

| | |
|---------------------------|--|
| First leaf formation | 150 g/ha |
| Before flowering | 150 g/ha |
| After fruit formation | 150 g/ha |
| Calcium binding in fruits | 200 g/ha |
| Colour formation | 150 g/ha (10-14 days before flowering) |
| Shelf life | 200 g/ha (4-6 days before harvesting) |

GUARANTEED ANALYSIS

Harpin 1%

ADDITIONAL INFORMATION

Dissolve in 200/800 litres of (chlorine-free) water (pH between 5 and 10) per hectare. Let stand for 15-30 minutes and stir regularly. Spray dissolved product within 4-6 hours. Use of PHC PreTect is recommended for addition of micro elements. Consult your product representative for tailor made advice.

WARRANTY

Plant Health Cure sells the product PHC ProAct. Follow the instructions on the packaging closely for use. We cannot guarantee suitability of the product outside the originally intended application. Plant Health Cure is only obliged to replace products that do not meet the specifications. Suggestions for use and information about results after use of the product - obtained from the manufacturer - can be considered reliable. As Plant Health Cure cannot exercise any control over the conditions of use, the buyer/user is responsible for all results, including injury or damage resulting from the use of this product alone or in combination with other materials. Keep out of reach of children.

The most recent version of the data sheet is always available on www.phc.eu/en.