

Optima Root

Optima Root is a special combination of nutrients, various biostimulants and trace elements that stimulate root growth and shoot development.

FUNCTION OF THE (NUTRIENT) SUBSTANCES IN OPTIMA ROOT

Seaweed are naturally rich in alginates and complex sugars, which makes them resistant to the extreme conditions of the sea. The biostimulants from seaweed can support other crops in periods of stress.

The humic acids in Optima Root ensure that nutrients are absorbed better.

The nutrients in Optima Root are very important for root development. By applying Optima Root, you provide optimum support for root growth.

BENEFITS

- Improves root growth.
- Stimulates shoot growth.
- Broad spectrum nutrition.



COMPOSITION

Nitrogen (N) total	44 g/L
Nitrogen (N) urea	19 g/L
Nitrogen (N) organic**	11 g/L
Nitrogen (N) ammonia	14 g/L
Phosphate (P ₂ O ₅)*	73 g/L
Potassium (K ₂ O)*	61 g/L
Boron (B)*	0.12 g/L
Zinc (Zn)*	0.22 g/L
Humic acid	2.1 g/L
Fulvic acid	0.9 g/L
Specific gravity	1.18 kg/L
pH	7,0–8,0
Appearance	Brown liquid

* = soluble in water

** = Organic nitrogen is obtained by hydrolysis of fish meal and vegetable proteins

PACKAGING

Available in 17.5 and 1,000 litre containers.

APPLICATION RATES

Soil application

- *Tree nursery, vineyards and (small) fruits:* 10 litre per hectare.
2-4 Times per year; At planting / root formation:
- *Lawn and pasture:* 10 litre per hectare.
1 Times per year; At planting / root formation:
- *Forestry and plant nursery:* 7-10 litre per hectare.
7-10 Times per year; At planting / root formation:
- *Ornamental crops:* 10 litre per hectare.
1-14 Times per year; At planting / root formation:
- *Vegetables and strawberries:* 7-10 litre per hectare.
1-8 Times per year; At planting / root formation:

Fertigation application

- Stock solution: diluted at 1/1.
(50% water with 50% Optima Root)
- Dosing pump adjustment at 1%.
- The application must be given immediately (within 12 hours).

INSTRUCTIONS FOR USE

- **Shake or stir well before use.**
- Store frost free, indoors in a dark place. The product may crystallise at too cold temperatures (< 5 °C).
- Due to residue formation, avoid foliar applications on visually attractive crops immediately prior to harvesting.
- Not compatible with liquid calcium based products.
- Never mix pure products together.
- Optima Root is best applied early in the morning or in the evening to avoid strong sunlight. This minimises the risk of crop damage due to leaf burn. If the crop stays wet for longer, the nutrient uptake is improved.
- We recommend carrying out a trial application on a small area first, before applying to the entire plot.
- The best before date on the upper side is guaranteed if the product is stored according to these guidelines in the unopened original packaging. Do not pre-mix and/or store in a diluted form. Only store in the original packaging and close the cap immediately after use.

Warning: These recommendations are provided for guidance only. As Soiltech cannot exercise control over storage, handling, application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our programme), no responsibility or liability for any failure in performance, losses, damages or injuries (consequential or otherwise) arising from such storage, application or use will be accepted under any circumstances. The buyer assumes all responsibility for the use of Soiltech products. Soiltech recommends consulting an agronomist prior to product application. Should these recommendations differ from any fertilising advice received, Soiltech recommends following that advice. If in doubt, Soiltech suggests you contact your consultant. The general terms and conditions of delivery apply to all our deliveries. These can be found on www.soiltech.nl.