

# Optima Leaf-NPK<sup>vital</sup>

*Optima Leaf-NPK vital is a liquid NPK leaf fertiliser (6-20-5) high in phosphorus content and enriched with amino acids. The nutrients in Optima Leaf-NPK vital stimulate crop growth, therewith increasing yield and quality.*

Optima Leaf-NPK Vital contains high levels of phosphate, as well as nitrogen, potassium and added amino acids. These components support root growth and improve crop development. Application of Optima Leaf-NPK vital enables the crop to make better use of the fertilisers supplied to the soil, even under less favourable soil and climate conditions.

Optima Leaf-NPK vital ensures a good start. It also provides and retains crop colour. And if fertilisation via the roots isn't optimal, it helps to keep crops vital. For example when root stress occurs or in wet or cold conditions.

## BENEFITS

- Complete foliar fertiliser with added amino acids.
- Supports plants at key growth and development stages such as rooting, flowering and fruit setting.
- Improves yield and quality.



## COMPOSITION

Nitrogen (N) total	72 g/L
Nitrogen (N) ammoniacal	68 g/L
Nitrogen (N) organic	3.6 g/L
Phosphate (P <sub>2</sub> O <sub>5</sub> )*	251 g/L
Potassium (K <sub>2</sub> O)*	63 g/L
Amino acids total	23 g/L
Specific gravity	1.27 kg/L
pH product	6,5-7,5
Appearance	transparent light brown liquid

\*=soluble in water

## After dilution (1:100):

pH*	7,3
Conductivity*	6,4 mS/cm

\*Measured in a 1 in 100 dilution with local tap water.

Variation may occur when using a different water source.

## CE FERTILISING PRODUCT

## PACKAGING

Available in 10, 300 and 1,000 litre containers.

## APPLICATION RATES

### Foliar application

(maximum concentration 1:50, unless stated otherwise)

- **Arable crops:** 2-5 litre per hectare.  
2-5 Times per year; during leaf development.
- **Vegetables crops:** 3-5 litre per hectare.  
2-6 Times per year; during leaf development.
- **Other crops:** 2-5 litre per hectare.  
1-10 Times per year; during leaf development.

Note: Do not mix with other products in pure, undiluted form.  
Not compatible with products that contain calcium. No foliar application for seedlings <15cm.

## INSTRUCTIONS FOR USE

- **Shake or stir well before use.**
- Store in a dry place, away from direct sunlight at 5°C to 25°C. Crystallisation may occur below 5°C.
- This product has been tested and can be stored safely at temperatures from 5°C to 25°C. Crystallisation may occur below 5°C.
- Preferably perform the treatment at high humidity and at the end of the day, avoid temperatures >25°C.
- The miscibility and/or performance cannot be guaranteed if combined with another agent, always perform a preliminary test.
- Do not exceed the recommended dosage and concentration. A trial application is recommended.
- 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.



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