

NEW

Lebosol

More than 35 years of experience in plant nutrition

Lebosol®-Cumbiphos

Targeted and reliable phosphorus supply

Lebosol®-Cumbiphos is a highly concentrated foliar fertiliser containing phosphorus, potassium and magnesium, as well as the trace elements manganese, zinc and copper. Its liquid formulation enables rapid and efficient nutrient uptake through the leaves, particularly when nutrient availability or root uptake is limited.

Composition: 31.2% total phosphorus pentoxide in water-soluble form (474 g/l P_2O_5); 5% water-soluble total potassium oxide (76 g/l K_2O); 4.4% water-soluble magnesium oxide (67 g/l MgO); 0.2% total copper as copper oxide (3 g/l Cu); 1% water-soluble manganese as manganese nitrate (15 g/l Mn); 0.45% total zinc as zinc oxide (7 g/l Zn);
Also contains: 0.5% total nitrogen as nitrate nitrogen (8 g/l N)

pH value: 0 – 2

High phosphorus concentration for targeted foliar application:

- ✓ **Supports growth and development during periods of increased phosphorus requirement**
- ✓ **Supplements the supply of nutrients when root activity is limited**
- ✓ **Supports energy supply, root development and the plant's growth processes**
- ✓ **Promotes stress tolerance**

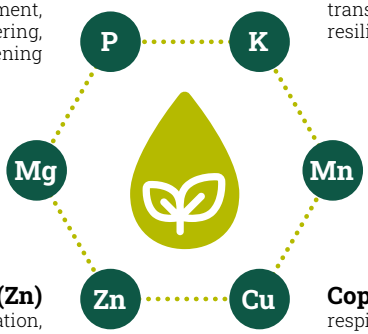
Phosphorus is crucial –
for growth and yield

The high phosphorus concentration supports the plant's energy supply, root development and growth processes. Potassium helps the plant withstand stress, whilst magnesium and the trace elements it contains promote important metabolic and photosynthetic processes.

When might it be advisable to provide an additional supply of phosphorus?

- **Cold soil**
  Low soil temperatures reduce phosphorus uptake through the roots.
- **Low root activity**
  Compaction, waterlogging or drought limit the utilisation of the soil's nutrient reserves.
- **Recovery after stress**
  After periods of stress, plants require energy to support recovery and new growth.
- **High metabolic demand**
  Manganese, zinc and copper support numerous enzymatic reactions in plants.

Synergy between the nutrients contained:



Phosphorus (P)
energy metabolism, root development, promotes tillering, flowering and ripening

Potassium (K)
regulates energy metabolism, water balance and enzymatic processes; transport of substances, resilience to drought, frost and stress

Magnesium (Mg)
photosynthesis, enzyme activation, energy, nitrogen and phosphate metabolism

Manganese (Mn)
enzyme activation, nitrogen mobilisation, protein synthesis, metabolic processes and vitamin formation

Zinc (Zn)
enzyme activation, metabolic processes, hormone and vitamin synthesis, pollen fertility, calcium uptake

Copper (Cu)
respiration, photosynthesis and protein metabolism, lignin formation, plants' own defence and protective mechanisms

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Recommendations for the use of Lebosol®-Cumbiphos:



Cereals:

What is it for?	Supporting early crop development (particularly under cold and wet conditions), stress tolerance and energy supply
How often?	1 – 2 times 3 – 5 l/ha
When?	From the 3-leaf stage



Rapeseed:

What is it for?	Promotion of early crop development (particularly under cold and wet conditions), nitrogen use efficiency, crop vigour & oil content
How often?	1 – 2 times 3 – 5 l/ha
When?	From the 4-leaf stage



Potatoes:

What is it for?	Tuber formation, tuber/skin quality, tuber growth, grading
How often?	2 times 6 l/ha
When?	Depending on stolon development and from a tuber diameter of 10 mm



Pome fruit:

What is it for?	Red colour development, fruit firmness, storability and transportability
How often?	2 – 4 times 6 – 8 l/ha
When?	Between the June fruit drop and harvest

On our website, www.lebosol.de/en, you will find further information about the product, as well as all recommended uses, available for download as a PDF file.

We're always happy to help!

How to contact us:

+49 6328 98494-80
Our helpline team is happy to assist you.

www.lebosol.de/en
Please send us a message via our contact form.

beratung@lebosol.de
Please send us an email.

Download now – the Lebosol® App!

Get access to the latest and exclusive trial results, product handling videos, and much more.

New: LeboCheck – Nutrient Deficiency Detection
Take a photo of your plant. Identify nutrient deficiencies.

Available on Google Play and the App Store.

You can also find us online via our social media channels:

www.lebosol.de/en

Lebosol® Dünger GmbH
Wiesengasse 28 · 67471 Elmstein · Phone: 06328 98494-0 · info@lebosol.de

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