

We are happy to be there for you!

How to contact us:



+49 6328 98494-80

Our team members on the advice line are happy to help you.



www.lebosol.de/en

Send us a message via our contact form.



beratung@lebosol.de

Send us an email.



Download now – the Lebosol® App!

Current and exclusive test results, explanatory videos on product handling and much more.

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



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Lebosol

More than 30 years of experience in plant nutrition

Lebosol®-Silicon

We are focused – on silicon, on impact, on the future

Composition: 0.5 % Iron, water soluble, as ammonium salt (7 g/l Fe);
1.5 % Water soluble zinc as chelate from EDTA (20 g/l Zn);
Also contains:
1.5 % Nitrogen as ammoniacal nitrogen (20 g/l N);
45.3 % Silicium trioxide (610 g/l SiO₂)

225 g/l
Silicon

Equivalent to
482 g/l Silicon
dioxide

Advantages of Lebosol®-Silicon at a glance:

- ✓ **Increased stress tolerance of the plant**
- ✓ **More effective water management**
(e.g. improved root system)
- ✓ **Strengthening of plant tissue**
- ✓ **Excellent plant compatibility**
(even with sensitive crops)










Impact that hits the mark – the right formulation makes all the difference

Lebosol®-Silicon contains **stabilized orthosilicic acid**—the only form of silicon that is absorbed directly and efficiently through the leaves. This allows the active ingredient to quickly reach the plant tissue and be immediately available for physiological processes.

Compared to conventional silicon fertilizers, which contain metasilicates such as potassium silicate and primarily act via the roots, our formulation offers an **immediate leaf effect** – without any delay. We have been using this formula with increased silicon content since 2018.

The effect of Lebosol®-Silicon at a glance:

-  **Increasing the plant's stress tolerance, e.g. in the event of frost**
Strengthening of the cell walls - silicon deposits directly in the cell wall
-  **Regulation of the water balance**
More effective use of water, especially in drought conditions
-  **Strengthening of sugar formation**
-  **Stronger root formation and higher root activity**
-  **Plants that are insufficiently supplied with silicon are more susceptible to diseases**
-  **Strengthening of the plant tissue –**
leading to shorter internodes and stockier growth
-  **Increased quality characteristics due to improved shelf-life**

Recommendations for the use of Lebosol®-Silicon:



Winter/summer cereals:

For what? N-efficiency, vitality, stem stability
How often? 2 – 3 times 0.5 – 1 l/ha
When? From 3-leaf stage



Potatoes:

For what? N-efficiency, vitality, skin quality
How often? 2 – 4 times 0.5 – 1 l/ha
When? From 6-leaf stage



Winter/summer oilseed:

For what? Strengthening stress tolerance, improving the root system, stem stability
How often? 2 – 3 times 0.5 – 1 l/ha
When? From 4-leaf stage



Vegetables in general:

For what? Quality, splitting resistance, storage and transport stability
How often? 2 – 4 times 0.5 – 1 l/ha
When? Once sufficient leaf mass has developed

On www.lebosol.de you will find detailed information about the product. You can also download tried-and-tested application recommendations as a PDF file.

