



Lebosol 

More than 30 years of experience in plant nutrition

Foliar fertilisation in maize

Optimum nutrient supply

sustainable plant nutrition



Things to know about foliar fertilisation

Maize is known for its sensitive reaction to unfavorable weather. Often, it becomes stalled in its early development due to severe weather conditions. Low soil temperatures or drought are usually main factors restricting nutrient uptake from the soil. While the deficiency symptoms may not be visible initially, they might have a significant impact on yield later on. Only adequately nourished plants can fully exploit its yield potential. Foliar fertilisation ensures effective and rapid nutrient supply even under unfavorable weather conditions.

Reduction of heat and radiation stress –

Lebosol®-Zinc 700 SC and Lebosol®-Boron

In recent years, new stress factors such as increased UV radiation have been occurring more frequently. This can destroy chlorophyll and result in yield losses. Antioxidants, such as zinc, can help counteract this.

The influence of zinc and boron foliar fertilisation on stress tolerance and yield in maize was tested in a field trial. Thuringi, Germany, 2019 – 2022



Control



Variant 1

BBCH 14
1 l/ha
Lebosol®-Zinc 700 SC +
1.5 l/ha Lebosol®-Boron



Variant 2

BBCH 14 & 18
je 1 l/ha
Lebosol®-Zinc 700 SC +
1.5 l/ha Lebosol®-Boron

Lebosol® –

Our advisory team
is here for you

- ✓ **Dedicated Advisory Team:**
With their extensive expertise and years of experience, our dedicated advisory team is by your side, helping you identify nutrient deficiencies.
- ✓ **Tailored Nutrient Supply:**
Lebosol® supports you in finding the right combination of our foliar fertilisers to ensure the perfect nutrition for your plants.
- ✓ **Practical Application Recommendations:**
With our products and proper dosage, we can help combat potential issues caused by stress factors and nutrient deficiencies.
- ✓ **Compatibility:**
For safe and effective application of Lebosol® products, we assist you in ensuring compatibility with other substances.

Contact us at:








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Email: beratung@lebosol.de



Our recommendations for optimal nutrient supply in your maize:

For what?	What?	When?		
		Germination to emergence BBCH 00	From the 4th to the 9th leaf stage unfolded BBCH 14 – 19	Stem elongation BBCH 30 – 39
✓ Seed treatment with nutrients for improved early-stage development	Avitar® 	0.2 – 0.5 l/dt		
<ul style="list-style-type: none"> ✓ Enhancement of stress tolerance ✓ Improvement of effectiveness ✓ Compatibility of foliar herbicides 	Aminosol® 		1 – 2 l/ha	
<ul style="list-style-type: none"> ✓ Promotion of early development ✓ Energy and water balance ✓ Improving root growth 	Lebosol®-PK-Max 		1 – 2 times 6 l/ha	
✓ Yield and growth	Lebosol®-Maize-Mix SC		2 – 3 l/ha	
<ul style="list-style-type: none"> ✓ Reduction of radiation stress (antioxidant) ✓ Flower quality & water balance ✓ Yield 	Lebosol®-Zinc 700 SC + Lebosol®-Boron 		1 – 2 times 1 l/ha + 2 l/ha	
<ul style="list-style-type: none"> ✓ Stem stability ✓ Vitality ✓ N efficiency 	Lebosol®-Manganese 500 SC 		1 – 2 times 0.5 – 1 l/ha	
<ul style="list-style-type: none"> ✓ Photosynthetic performance ✓ Grain quality ✓ Yield 	Lebosol®-MagSOFT SC		1 – 3 times 3 – 5 l/ha	

Top 3 of the most unique Lebosol® products for maize:



Avitar®

Organic NK fertilizer with anti-stress effect
Ingredients:
 47 g/l N, 24 g/l K₂O



Lebosol®-Maize-Mix SC

The best for your maize cultivation
Ingredients:
 155 g/l CaO, 70 g/l B, 155 g/l Mn, 80 g/l Zn
also contains: 0.7% N



Lebosol®-Zinc 700 SC

Optimized metabolism with antioxidants
Ingredient:
 700 g/l Zn

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.



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Send us an email.

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



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