

Vitality, quality and storage stability – The right nutrition for potatoes

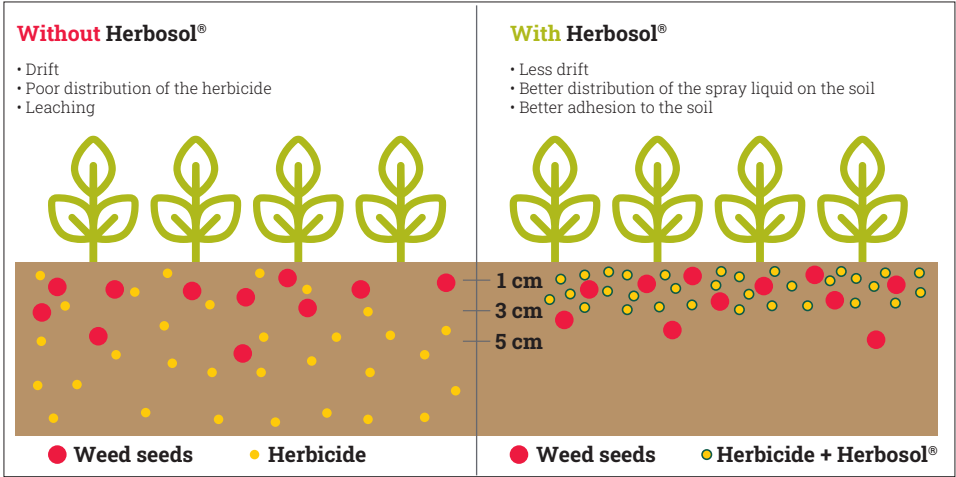
A sufficient supply of nutrients ensures yield and quality in potato cultivation. Foliar fertilisation offers an effective and fast way to ensure vigorous plants, good skin finish and general high quality as well as storage potential.

Potatoes have a specific demand on the availability of nutrients. In the juvenile stage, the nutrient uptake capacity is limited due to the poorly developed root system. If the nutrient supply is insufficient, the plants are more susceptible to diseases (e.g. Alternaria and scab) or weather extremes.




Not only nutrition is important – Herbosol® effective adjuvant to the soil herbicides

As a unique additive, Herbosol® safeguards the potential of soil herbicides and offers these benefits:

- ✓ Less leaching after rainfall.
- ✓ Greater stability during drought.
- ✓ More efficient action of soil herbicides.



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.
Available on Google Play and in the App Store.

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

Foliar fertilisation in potatoes

Our recommendations for the optimal nutrient supply of your potatoes:

Objective	Product	Recommendation					
		Planting BBCH 00	Beginning of row closure BBCH 31	End of row closure BBCH 39	Tuber set BBCH 40	Tuber growth BBCH 41 – 49	Senescence BBCH 81
✔ Seed treatment ✔ N-Efficiency and reduction in susceptibility to scab ✔ Better stress tolerance (Antioxidant)	Lebosol®-Manganese 500 SC 	0.25 l/t	2 – 4 times 1 – 2 l/ha				
✔ Improving the effectiveness and compatibility of soil herbicides	Herbosol®	0.2 – 0.6 l/ha					
✔ Improved stress tolerance ✔ Better root growth	Aminosol® 		1 – 3 l/ha				
✔ Quality ✔ Resistance of the skin ✔ Storage stability	Lebosol®-Boron 		2 – 4 times 1 l/ha				
✔ Yield ✔ Tuber and skin quality ✔ Tuber growth	Lebosol®-Potato Care GEL			2 – 4 times 6 – 8 l/ ha			
✔ Better growth and yield ✔ Photosynthesis rate ✔ Improved stress tolerance (Antioxidant)	Lebosol®-Zinc 700 SC 		2 – 4 times 0.5 – 1 l/ha				
✔ Better uptake of P and Ca ✔ Improved stress tolerance (heat and radiation)	Lebosol®-Silicon		2 – 5 times 0.5 – 1 l/ha				
✔ Reduction in susceptibility to blue/black spot bruising ✔ Storage stability	Lebosol®-Potassium 450			2 – 4 times 5 – 10 l/ha			
✔ Yield and quality ✔ N-utilization ✔ Improved P uptake	Lebosol®-MagSOFT SC		1 – 3 times 3 – 5 l/ha				

Top 3 of the most popular Lebosol® products for the potato:



Lebosol®-Silicon
Trace nutrient fertiliser solution for
the targeted stabilisation of plant cells
Ingredients: 7 g/l Fe, 20 g/l Zn,
20 g/l N, 610 g/l SiO₃



Lebosol®-Zinc 700 SC
To supply the active
mineral zinc
Nutrients:
700 g/l Zn



Lebosol®-Potato Care GEL
NP fertiliser solution with
trace nutrients.
Nutrients:
465 g/l P₂O₅, 40 g/l N

Briefly explained –
Important elements and their
key functions in potatoes

- ✓ **Crops with nutrient deficiency will be more susceptible against diseases and abiotic stress. Foliar fertilization with macro-and micro-elements will ensure an optimized plant nutrition.**
- ✿ **Potassium** secures the tuber yield and improves storability.
- ✿ **Phosphorus** ensures yield, improves skin quality and is important for tuber set.
- ✿ **Magnesium** is the central atom of chlorophyll and promotes phosphorus uptake.
- ✿ **Manganese** increases nitrogen efficiency, improves skin quality and makes the plants more resistant to dry and hot periods.
- ✿ **Zinc** is essential for size growth and helps the plants to survive dry and hot periods.
- ✿ **Boron** is important for a good inner quality of the tuber. It supports calcium absorption and thus contributes to increasing storage stability.

