

**AMALGEROL<sup>®</sup>**  
**ESSENCE** 

**AMALGEROL<sup>®</sup>** 

# The Biostimulant for Healthy Potatoes

- ▶ Promotes root growth
- ▶ Activates soil life
- ▶ Strengthens & protects against stress
- ▶ Reinforces leaf tissue



- ▶ Better tuber formation
- ▶ Uniformal tuber growth
- ▶ Healthy strong plants
- ▶ Higher & more stable yield




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**HECHENBICHLER**  
A BOOST FOR SOIL, PLANTS AND ANIMALS



## FOLIAR EFFECT

-  **Antioxidants**  
neutralize stress
-  **Herbal extracts**  
strengthens the immune system
-  **Organic K & N**  
as leaf nutrients
-  **Amino acids**  
for active cell repair




## Strengthens root development and tuber formation

AMALGEROL/AMALGEROL ESSENCE promotes root development and the formation of fine roots which is the **basis for healthy growth**. The absorption of nutrients and water from the soil is thereby improved and the available **potential in the soil can be fully utilized**. During stress periods (e.g. drought) **losses can be minimized**.

## Activates soil life

An active soil is crucial for good plant growth. AMALGEROL/AMALGEROL ESSENCE stimulates soil life and humus formation and thereby **optimises nutrients and water supply**. The activated soil life leads to an improved crumb structure. In dense soil there are fewer and **less stable clods of earth**. This makes the **potato harvest easier**.

## SOIL EFFECT

-  **Plant hormones**  
promote root growth
-  **Alginate**  
improves water retention
-  **Organic carbon**  
activates soil life

## Strengthens and protects against stress

The potato plant faces multiple stress factors during its development (weather, soil, chemical, pathogen). **Especially in crucial development stages** such as during tuber formation and tuber development **AMALGEROL/AMALGEROL ESSENCE helps** to prepare the plant to better cope with stress (**preventive**). After the stress event the plant is able to better regenerate (**curative**).

## Reinforces leaf tissue

AMALGEROL/AMALGEROL ESSENCE contains potassium and organic nitrogen due to its amino acids. Potassium is important to develop firmer leaf tissue. **The plant** is therefore **less vulnerable to diseases**. The amino acids support an **improved protein metabolism** and **higher growth rates**. Both lead to a higher yield.

- Harvest 2 weeks earlier**  
Faster development enables earlier harvest and higher prices
- +19 % higher yield**  
More tubers per plant: increase from 8,9 to 10,5 tubers per plant
- Fewer undersizes, better size distribution**  
5 % fewer undersized tubers (<35 mm) lead to higher marketable yield by 12 %
- Large root systems lead to large potatoes even in drought**  
14 % higher yield
- Easier harvest due to loose soil**  
50 % fewer clods of earth in your harvest

## Application rate

3 applications									
Leaf development	Formation of basal side shoots	Main stem elongation	Tuber formation	Inflorescence emergence	Flowering	Development of fruit (50% tuber size)	Ripening of fruit and seed (70% tuber size)	Senescence (100% tuber size)	Harvest
<b>AMALGEROL EFFECT</b>									
		<b>Better tuber development, more tubers</b>	<b>Ideal tuber growth, steady size</b>		<b>Healthy plants longer tuber growth</b>		<b>Higher &amp; more stable yield, loose soil, easier harvest</b>		

## Product info



AMALGEROL/AMALGEROL ESSENCE meet the requirements of the regulation (EU) 2018/848 in the current version and are therefore **allowed for organic farming**.

**Compatibility:** AMALGEROL/AMALGEROL ESSENCE is compatible with pesticides and other products. However, when using multiple products in the spray tank, interactions can occur. Hence the conduction of mixability and compatibility tests is recommended.

