

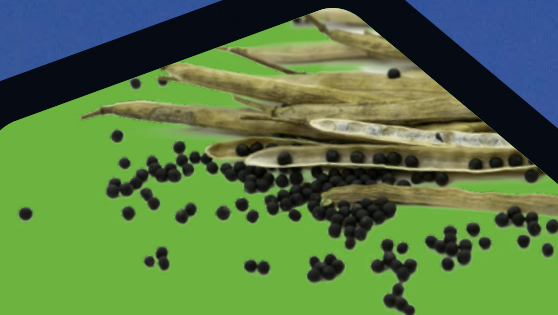
**AMALGEROL<sup>®</sup>**  
**ESSENCE** 

**AMALGEROL<sup>®</sup>** 

# The Biostimulant for resistant oilseed rape

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

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

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- ▶ More seeds per pod
  - ▶ Constant oil content
  - ▶ Higher & stable yield

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





# WHY AMALGEROL/AMALGEROL ESSENCE AS BIOSTIMULANT?

## FOLIAR EFFECTS

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



## Strengthens root development


AMALGEROL/AMALGEROL ESSENCE stimulates the formation of fine roots with natural plant hormones derived from seaweed. Especially with the enormous root system of oilseed rape (up to 1.20 m depth), the **potential in the soil is optimally utilized**. The available nutrients are absorbed efficiently and ensure strong growth. A larger root system can absorb more water, especially in dry phases. **This minimizes yield losses.**

## 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. AMALGEROL/AMALGEROL ESSENCE thus ideally supports the loosening effect of the oilseed rape root. A synergy for better soil.



## SOIL EFFECTS

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

## Strengthens and protects against stress

Depending on the development in autumn and the weather conditions in winter, the plant can be weakened to a greater or lesser extent in spring. **AMALGEROL/AMALGEROL ESSENCE stimulates** the start of plant growth and metabolism in spring. The plant recovers faster (**curative**) after a stress event and is also better protected against stress (**preventive**). Thus late spring frosts cannot harm the oilseed rape.

## Accelerates pod formation

AMALGEROL/AMALGEROL ESSENCE contains amino acids and organic potassium. Both nutrients accelerate the development of the plant towards **growth and fruiting**. The pods are formed earlier. The earlier assimilation begins in the pod, the higher the yield. An optimal supply of the metabolism also ensures a high oil content and more pods per plant.



## Why do biostimulants play an important role in successful agriculture?


Only healthy and fertile soil creates the conditions for **plant growth**. There are **many negative influences and stress factors** against plant protection and fertilization cannot do anything. **Biostimulants** based on **natural raw materials** can therefore make an important contribution to **successful and sustainable agriculture** by **protecting the plant from stress and promoting the activation of soil life**.



## Trial results



**More pods per plant**  
Productivity increases by a quarter:  
from 135 to 168 pods per plant.




**+17 % higher yield**  
Yield increases from 3,81 to 4,46 t/ha  
with 2 applications in spring.



**More seeds per pod**  
Average increase from 20,4 to 23,9  
seeds per pod (+17 %).

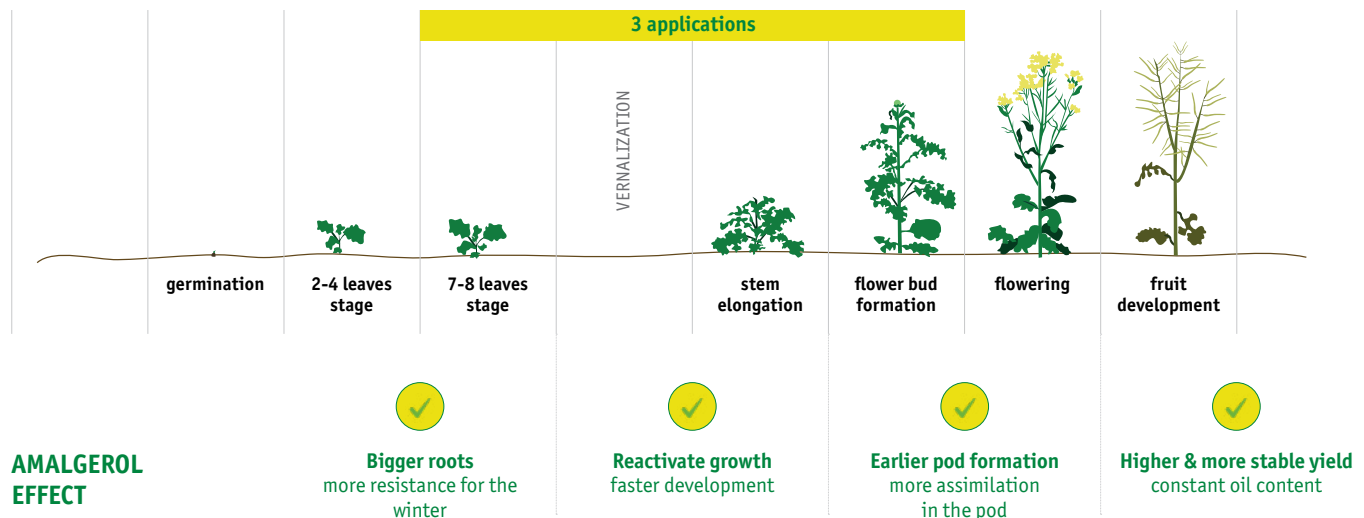


**Strong roots before winter are the basis for high yields**  
15 % more yield at 1 application in  
autumn plus 2 applications  
in spring.



**Soil improvement through oilseed  
rape cultivation**  
Activated soil life ensures higher  
yields in the subsequent crop.

## Application rate



## 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.

