

**AMALGEROL®**

# The Biostimulant in Corn Cultivation

**For sustainable yield  
and quality**

## AMALGEROL® PRIME

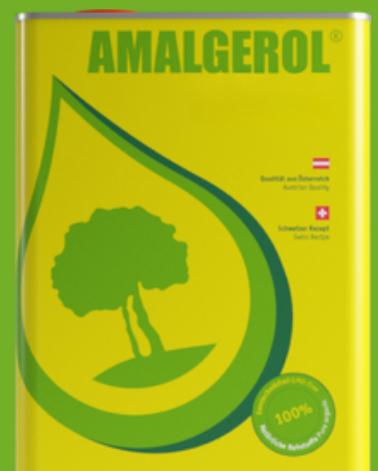
- ↗ Faster plant development
- ↗ Larger roots
- ↗ Better cob and grain filling

 Quality from Austria

 Swiss recipe

 Decades of experience

**HECHENBICHLER** 



Extensive trials in various countries have proven the effectiveness of AMALGEROL® PRIME.

# The Biostimulant in Corn Cultivation

## 1 / Increase in crop yield \*

Extended photosynthetic activity provides energy for more biomass. Support during the pollination period results in better cob and grain filling, even under climatic stress conditions like low temperatures or heat periods. \*Provided adequate plant available nutrition.

### AMALGEROL® PRIME

- Improves resource utilization
- Leads to better overall crop quality
- Up to 12% yield increase due to approximately 30% larger cobs

## 2 / Increased stress tolerance

Plants develop more root and shoot mass, making them more resilient during environmental stress conditions like drought and heat. Regeneration speed is improved after mechanical damage, e.g., through hail or agricultural operations.

### AMALGEROL® PRIME

- Up to 22% more root mass
- Improves plant vigour
- Makes plants more resilient to extreme weather conditions

## 3 / Faster plant development

Improved nutrient utilization allows a rapid plant development from germination to flowering. Especially the enhanced youth development is crucial for attaining a fast and uniform crop cover.

### AMALGEROL® PRIME

- Uniform crop cover
- improved youth development

## 4 / Improved soil structure

Stimulated humus formation and fine-structured soil improve nutrient and water uptake. This leads to higher drought tolerance. Increased microbial activity accelerates post harvest stalk decomposition.

### AMALGEROL® PRIME

- enables efficient water use
- leads to a sustainably healthier soil

## Application

recommended treatment

optional treatment



A.

B.

C.

A. 2-3 pints/acre; at planting.

B. 2-3 pints/acre; 4 to 8-leaf stage (BBCH 14-18)

C. 2-3 pints/acre; post harvest application, stalk decomposition.

## What is AMALGEROL® PRIME?

AMALGEROL® PRIME is a 3-0-3 liquid fertilizer with a diverse range of functional ingredients:

- Herbal extracts
- Plant stimulating peptides
- Bioactive carbohydrates
- Humic substances
- Volatile organic compounds & plant signalling molecules
- Microbial metabolites/postbiotics

Mixable with plant protection products, requires mixing and compatibility tests for tank mixtures.

## Application note:

### Application Rate

use sufficient water to achieve a good surface coverage.

### Aerial application

for this application the dilution rate can be reduced (10%)

Explore the **AMALGEROL Trial Database** via [www.amalgerol-prime.com](http://www.amalgerol-prime.com).

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