

AMALGEROL®

The Biostimulant in Cereals

**For sustainable yield
and quality**

AMALGEROL® PRIME

- Faster plant development
- Increase in productivity
- Higher protein content



Quality from Austria

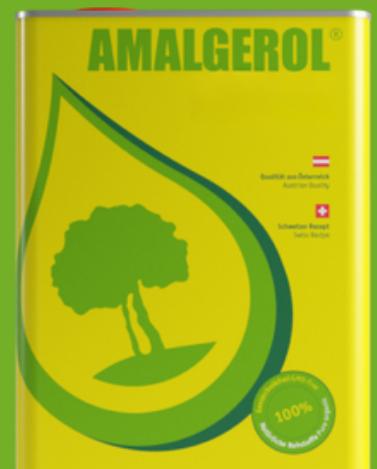


Swiss recipe



Decades of experience

HECHENBICHLER 



Extensive trials in many countries have proven the effectiveness of AMALGEROL® PRIME in barley, wheat, rye, rice, and oat.

The Biostimulant in Cereals

1 / Enhanced tillering and higher yield *

Optimized physiological conditions lead to improved tillering and accelerated growth, resulting in uniform stands and more ears per plant. Results show significant yield increase in different cereals and climatic areas. * Provided plant available nutrition is optimum.

AMALGEROL® PRIME

- Improved tillering
- Higher yields (up to 22%)

2 / Stress resilience

Improved growth conditions lead to increased plant vitality and enhanced nutrient uptake. This helps the plant to mitigate abiotic stresses, e.g., elevated heat events hindering pollination efficiency.

AMALGEROL® PRIME

- Increased nutrient uptake
- Improved plant phenolic response

3 / Increase in protein content

Protein content is an important quality trait of cereals. By ensuring a better energy supply, the protein synthesis is stimulated. This allows the production of cereals with a significantly higher marketable value.

AMALGEROL® PRIME

- Increased protein deposition in the grain
- Higher marketable value

4 / Improved soil structure

Stimulated humus formation along with improvements in micro pore space quality. Will improve nutrient and water uptake. This leads to higher drought tolerance. Increased microbial activity accelerates straw decomposition.

AMALGEROL® PRIME

- Optimization of soil structure
- Improved nutrient and moisture availability in soil

Application

recommended treatment

optional treatment



- A. 2-3 pints/acre; at tillering (BBCH 20-29)
- B. 2-3 pints/acre; at inflorescence, emergence / heading (BBCH 51-59)
- C. 2-3 pints/acre; broadcast spray post harvest to improve straw decomposition, field may be tilled after Amalgerol application (BBCH 99)

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.

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