

**AMALGEROL®**

# The Biostimulant for Sugar Beet

**For sustainable yield  
and quality**

## AMALGEROL® PRIME

- Higher sugar content
- Reduced stress reactions
- Faster recovery after abiotic stress



Quality from Austria

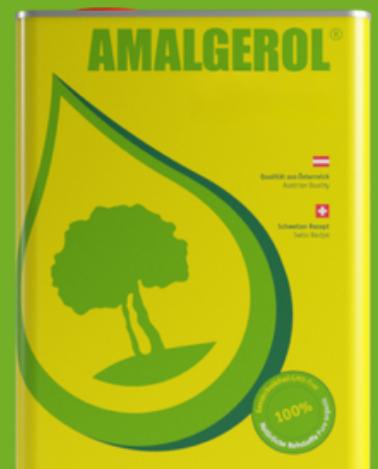


Swiss recipe



Decades of experience

**HECHENBICHLER** 



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

# The Biostimulant for Sugar Beet

## 1 / Yield increase\*

A higher chlorophyll content and an accelerated leaf rosette development in spring provide more energy for enhanced and uniform beet growth. This leads to a significantly higher yield. \*Provided adequate plant available nutrition.

### AMALGEROL® PRIME

- Yield increased by up to 10%
- More uniform sugar-beet roots

## 2 / Stress tolerance

The induction of the plant's own immune system by signalling molecules and messengers strengthens defence mechanisms. This enables the plant to better withstand stress conditions like drought, heat, and salinity.

### AMALGEROL® PRIME

- Increased tolerance to abiotic stress
- Better storage capability

## 3 / Higher sugar content

Increased photosynthesis leads to higher sugar production by the plant. These sugars are crucial as osmoprotectants during frost and drought while also supporting overall plant growth.

### AMALGEROL® PRIME

- Higher sugar content (up to 1,150 lbs/acre more sugar)
- Full yield potential

## 4 / Improved soil conditions

Sugar beets have high demands on the supply of nutrients. In a healthy, lively, and well-aerated soil, the available nutrients are utilized more efficiently, and the adverse effects of flooding are minimized.

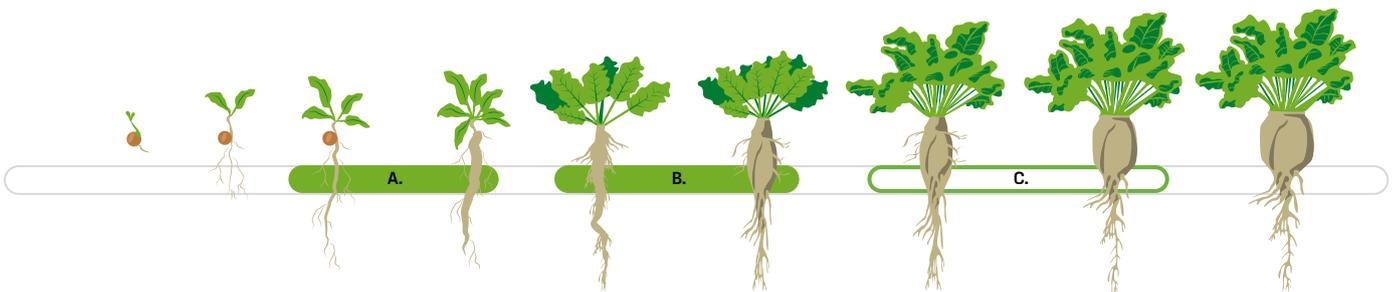
### AMALGEROL® PRIME

- Improved soil nutrient availability
- Better nutrient uptake and water movement

## Application

recommended treatment

optional treatment



- A. 2-3 pints/acre; 2 to 8-leaf stage treatment (BBCH 12-18)
- B. 2-3 pints/acre; 40% crop cover (BBCH 30-34)
- C. 2-3 pints/acre; row closure (BBCH 36-39)

## 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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