

**AMALGEROL®**

# The Solution for Stronger Potato Plants

**For sustainable yield and quality**

## AMALGEROL® PRIME

- ↗ Better tuber formation
- ↗ Uniform tubers
- ↗ Stronger, vigorous foliage
- ↗ Higher and stable yield



Quality from Austria

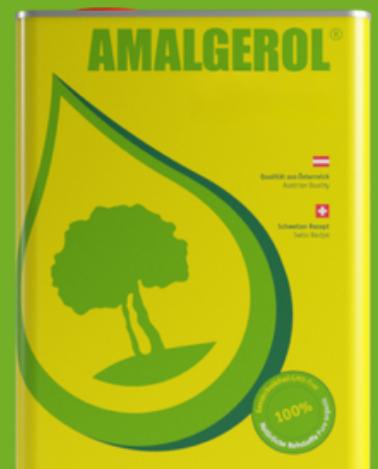


Swiss recipe



Decades of experience

**HECHENBICHLER** 



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

# The Solution for stronger Potato Plants

## 1 / Promotes tuber formation\*

Bioactive ingredients promote general root growth and the formation of fine roots, allowing more tuber initiation sites per plant. Elevated photosynthetic rates are the basis for an increased energy production for plant growth and tuber development. Balanced partitioning of nutrients into growing tubers supports the formation of more, bigger, and uniformly sized potatoes. \*Provided adequate plant available nutrition.

### AMALGEROL® PRIME

- Promotion of tuber formation
- Uniform tuber sizes
- Up to 18% more marketable tubers

## 2 / Protects against stress

Especially in important developmental phases such as tuber initiation and formation. Application of Amalgerol Prime gives the plant the necessary energy to combat abiotic stress. Increased levels of osmoprotectants and antioxidants help the plant to cope with drought stress conditions, reducing cell damaging processes.

### AMALGEROL® PRIME

- improved abiotic stress defense
- Higher yield & increased tuber quality

## 3 / Activates soil life

An active soil life promotes the formation of humus and the development of a fine-crumbly soil structure. This leads to better aeration of the root zone and prevents waterlogging, protecting the roots and tubers from rot. In addition, it facilitates the potato harvest with less adhering soil.

### AMALGEROL® PRIME

- Promotes the nutrient and water balance
- Facilitates the potato harvest

## 4 / Strengthens leaf tissue

The mobilisation of potassium and micronutrients from the soil promotes leaf firmness through thicker cell walls and increased cell turgor. As a result, the plant is less susceptible to diseases and the harvested tubers have an increased storage capability.

### AMALGEROL® PRIME

- Improved cell strength
- Improved storage capability

## Application timing

recommended treatment      optional treatment



- A. 2-3 pints/acre;** In-Furrow application; pre planting tuber treatment (rates depending on type/size of seed potato) 1 pint per 15 cwt. may be mixed with micro nutrient fertilizer at lower dose rates, consult your micronutrient fertilizer supplier.
- B. 2-3 pints/acre;** at last hilling, or similar timing when plants emerge; Application to strengthen plant resilience and improve tuber set.
- C. 2-3 pints/acre;** at inflorescence emergence (BBC51-55); Application to improve the tuber formation and sizing
- D. 2-3 pints/acre;** 50% of tuber size; medium berry formation (BBCH 75-79); Application for better tuber growth
- E. 2-3 pints/acre;** post harvest application for stem decomposition, cover crop growth and overall regenerative agriculture support of soil health

## 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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