

# AMALGEROL



**Fertilizer type:** PFC 6(B): NON-MICROBIAL PLANT BIOSTIMULANT

**Physical form:** Liquid

**Ingredients above 5% by product weight:**

Mineral oil<sup>1</sup> (CAS No not available [EC No 919-857-5] and 64742-95-6), Ascophyllum nodosum seaweed extract<sup>1</sup> (CAS No 84775-78-0), Polyglycol ester<sup>1</sup> (CAS No not available).

**Additional components:** Essential oils<sup>1</sup>, Herbal extracts<sup>1</sup>.

<sup>1</sup>CMC 1: Virgin material substances and mixtures

**Manufacturer and Distributor:** Hechenbichler GmbH

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## DIRECTIONS FOR USE

AMALGEROL is a non-microbial plant biostimulant for agriculture and horticulture.

**Soil application:** AMALGEROL can be applied to crops by direct spraying onto the soil, sidedress treatments, applications through the irrigation/fertigation system or during seeding. DRIP IRRIGATION/FERTIGATION: 10 to 15 l/ha per season split according to the watering schedule used.

**Foliar application:** AMALGEROL can be applied to crops by foliar treatment throughout the entire vegetation cycle.

**Pre transplantation application:** Immerse plants in a 1 % working solution for 10 minutes before transplantation, or spray on the row before transplantation.

## APPLICATION INSTRUCTIONS

**General application rate for soil and foliar applications:** 2 to 5 l/ha per application. Different application rates are recommended in some specific crops and application methods.

**Water volume:** Use a sufficient water volume to ensure thorough coverage of soil and foliage - recommended minimum amount: 150 l/ha for spray tank applications. For aerial applications, the water volume can be reduced.

**Application frequency and interval:** Usual application frequency as detailed below. Additional applications are possible. Minimum interval between two consecutive applications: **10 to 14 days**.

**Target crops:** AMALGEROL can be applied in all crops. Specific recommendations are listed below (list is not exhaustive).

**Application time points:** Applications are recommended at the most important growth stages, especially at the beginning of the crop cycle, flowering and fruit setting stages.

## INSTRUCTIONS FOR USE

Crops	Application rates	Application method	Application stage	Application number	Claims
Broadacre crops	5 l/ha	Foliar spray	Throughout the vegetation cycle	1 to 3	Improved quality trait: Increased yield
Vegetables, ornamental and AMP crops				1 to 5	
Woody perennials				1 to 10	

AMP: Aromatic and medicinal plants

## ADDITIONAL USE RECOMMENDATIONS

### APPLICATIONS DURING THE VEGETATION CYCLE

**Broadacre crops:** 1 - 3 applications throughout the vegetation cycle.

- **Cereals** (barley, oat, rice, rye, triticale, wheat, other cereals)
- **Maize** (feed, grain, silage)
- **Oilseed crops** (linseed, oilseed rape, poppy, sesame, sunflower, etc.)
- **Potato and other tuberous crops**
- **Sugarbeet**
- **Fiber crops** (cotton, flax, hemp, etc.)
- **Leguminous crops** (bean, chickpea, lentil, lupin, pea, soybean, etc.)
- **Tobacco**
- **Grasses and other fodder crops** (alfalfa etc.)

**Vegetables:** 1 - 4 applications throughout the vegetation cycle.

- **Leafy or stem vegetables** (artichoke, asparagus, broccoli, cabbage, cauliflower, chicory, lettuce, spinach, etc.)
- **Fruit-bearing vegetables** (aubergine, chili, cucumber, okra, pepper, pumpkin, tomato, etc.)
- **Root, bulb or tuberous vegetables** (carrot, garlic, leek, onion, turnip, etc.)

**Fruits & nuts:** 1 - 10 applications throughout the vegetation cycle. Up to 10 l/ha for soil applications in early spring for fruit trees and grape vines.

- **Tropical and subtropical fruits** (avocado, banana, date, fig, mango, etc.)
- **Citrus fruits** (grapefruit, lemon, orange, tangerine, etc.)
- **Grapevine**
- **Berries** (blueberry, cranberry, currant, gooseberry, kiwi, raspberry, strawberry, etc.)
- **Pome fruits & stone fruits** (apple, apricot, cherry, pear, plum, sour cherry, etc.)
- **Nuts** (almond, chestnut, hazelnut, pistachio, walnut, etc.)
- **Olive**

**Ornamental crops and aromatic and medicinal plants (AMP):** 1 - 5 applications throughout the vegetation cycle.

- **Annual plants**
- **Perennial plants** (herbaceous, shrubs & trees)

## APPLICATIONS OUTSIDE OF THE VEGETATION CYCLE

**Before cultivation:** spread into the seed furrow for sowing, or spray onto the soil and work in immediately before preparing the seedbed.

**After the harvest:** apply to harvest residues in autumn and work in gently.

## MIXING & SPRAYING INSTRUCTIONS

**Shake the container well before opening and using, stir up large containers!**

Fill the sprayer with half the amount of water required and begin agitation. Add AMALGEROL while maintaining agitation, then add the remaining water. Stir throughout the entire spraying process! Wear safety glasses. Do not inhale splash or spray mist! Clean the equipment according to the instructions after use.

Spray in the morning or evening. Do not keep the prepared spray solution in the sprayer for extended periods (such as overnight). Do not apply under adverse weather conditions, such as extreme temperatures, high wind speed, high light levels or after heavy rain. Spray applications are only recommended when the wax layer is intact.

**Compatibility:** AMALGEROL is compatible with most other products (plant protection products, fertilizers, etc.). When using multiple products in the spray tank, chemical interactions might occur. Conduct mixability/compatibility tests before combining AMALGEROL with other products and follow the instructions for each product in the tank mix. When mixing with copper containing products - strictly stick to their recommended dosage.

## HANDLING INSTRUCTIONS

**Hazard statement:**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:**

P273 Avoid release to the environment.

P501 Dispose of contents/container to an approved waste disposal plant.

Avoid contact with skin, eyes, and inhalation or ingestion. Do not eat, drink or smoke during work. Wash hands with water and soap after using the product. Wear safety glasses. In case of eye contact, rinse eyes with water. After inhalation, provide fresh air. After ingestion, rinse mouth and then drink water; do not induce vomiting. Seek medical advice if you feel unwell and show the label or material safety data sheet.

**Storage:** Store the product in its original packaging and tightly sealed in a dry and well-ventilated area between +5 °C and +25 °C. Protect from frost, heat and direct sunlight. Store separately from food and feed. Keep out of reach of children and pets!

**Shelf life / Expiry date:** In case of proper storage, AMALGEROL is usable for 18 months from production date.

**Batch number / Production date:** See imprint.

**Disposal:** If possible, use the whole amount of the product. Dispose of residues and emptied containers according to local and national guidelines of authorities.

**NET VOLUME: 10 l**  
**NET WEIGHT: 9,7 kg**

