

AMALGEROL ESSENCE



Fertilizer type:

Liquid organic fertilizer

NPK 3-0-3

3,0 % Nitrogen (N), total, of plant and animal origin

2,7 % Organic nitrogen (N_{org})

0,3 % Available ammoniacal nitrogen (NH₄)

3,0 % Potassium oxide (K₂O), total (water soluble)

75 % Organic substances in dry matter

Functional components:

Humic substances, peptides, carbohydrates, metabolites, plant organic compounds

Ingredients:

Stillage (vinasse), algae extract, hydrolysed proteins from animal by-products, molasses, essential oils, water

pH: 5 - 6

Physical form: liquid

AMALGEROL ESSENCE meets the requirements of the Regulation (EU) 2018/848 and is therefore allowed for organic farming.

Manufacturer & Distributor: Hechenbichler GmbH

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HANDLING INSTRUCTIONS

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

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

Shelf life: In case of proper storage AMALGEROL ESSENCE is usable for 36 months from production date.

Batch number/production date: See imprint.

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

DIRECTIONS FOR USE

AMALGEROL ESSENCE is a liquid organic fertilizer for agriculture, forestry, lawns, horticulture and hobby gardening.

Soil application: AMALGEROL ESSENCE can be applied to crops by soil applied treatments by direct spraying to the soil, sidedress treatments, applications through the irrigation system or during seeding.

Foliar application: AMALGEROL ESSENCE can be applied to crops by foliar treatment throughout the entire vegetation cycle. Applications are recommended at the most important growth stages, especially at the beginning of the crop cycle, flowering and fruit setting stages. Furthermore, the use is recommended in all situations of increased plant stress.

Notes: Only use when actually required. Do not exceed the recommended application rates. The recommendations of official advisory services take precedence. The waiting period between the last application and the harvest is at least 3 days. Necessary precautions must be taken during storage, transport and application to prevent ingestion by livestock. Livestock must not be fed, either directly or by grazing, with forage from areas where the product has been applied, unless the cutting or grazing takes place after a waiting period of at least 21 days.

APPLICATION INSTRUCTIONS

General application rate for soil and foliar applications: 2 to 3 l/ha and application. Use sufficient water volume to ensure thorough coverage of soil and foliage. Different application rates are recommended in some specific crops and application methods.

FOLIAR APPLICATION

FIELD CROPS

Cereals (barley, oat, rice, rye, triticale, wheat, other cereals): 1 - 3 applications between leaf development and flowering.

Maize (feed, grain, silage): 1 - 3 applications at vegetative growth stage.

Oilseed crops (linseed, oilseed rape, poppy, sesame, sunflower, etc.):

1 - 3 applications between leaf development and before flowering.

Potato and other tuberous crops: 1 - 3 applications throughout the vegetation cycle.

Sugarbeet: 1 - 3 applications throughout the vegetation cycle.

Fibre crops (cotton, flax, hemp, etc.): 1 - 3 applications between leaf development and flowering.

Leguminous crops (bean, chickpea, lentil, lupin, pea, soybean): 1 - 3 applications throughout the vegetation cycle.

Tobacco: 1 - 3 applications throughout the vegetation cycle

VEGETABLES

Leafy or stem vegetables (artichokes, asparagus, broccoli, cabbages, cauliflower, chicory, lettuce, spinach, etc.): one week after transplanting or emergence; then 1 - 3 applications at 2 - 3 week intervals throughout the vegetation cycle.

Fruit-bearing vegetables (aubergines, chili, cucumber, okra, pepper, pumpkin, tomato, etc.): one week after transplanting or emergence; then 1 - 3 applications at 2 - 3 week intervals throughout the vegetation cycle.

Root, bulb or tuberous vegetables (carrot, garlic, leek, onion, turnip, etc.):

one week after emergence; then 1 - 3 applications at 2 - 3 week intervals throughout the vegetation cycle.

FRUIT & NUTS

Tropical and subtropical fruits (avocado, banana, date, fig, mango, etc.):

2 - 5 applications between bud stage and during the fruit enlargement stage.

Citrus fruits (grapefruit, lemon, orange, tangerine, etc.): 2 - 5 applications between bud stage and during the fruit enlargement stage.

Grapevine: 2 - 5 applications between bud stage and bunch closure.

Berries (cranberry, blueberry, currant, gooseberry, kiwi, raspberry, strawberry, etc.):

2 - 5 applications throughout the vegetation cycle at an interval of 2 to 3 weeks.

Pome fruits & stone fruits (apple, apricot, cherry, pear, plum, sour cherry, etc.):

2 - 5 applications between bud stage and during the fruit enlargement stage.

Nuts (almond, chestnut, hazelnut, pistachio, walnut, etc.): 2 - 5 applications between bud stage and during the fruit enlargement stage.

Olive: 2 - 5 applications from shoot growth and after fruit set.

LAWN (TURF)

Dosage Rates & Application Timing

- 0,5 - 1,0 l/1000 m² AMALGEROL ESSENCE per application in minimum 100 l water per 1000 m² (corresponds to 5 - 10 l/ha AMALGEROL ESSENCE per application in minimum 1000 l water per ha).
- Apply via sprinkler irrigation or spraying.
- After the application of AMALGEROL ESSENCE irrigation is recommended to ensure penetration of the root zone with AMALGEROL ESSENCE.

Typical applications

- Existing Turf: 2 - 3 days after a cutting, repeat treatment every 4 - 6 weeks (5 - 10 applications per year).
- New rolled turf: directly after deploying of the sods.
- New seeding: after seeding or emergence.

ORNAMENTAL CROPS

Annual plants: one week after transplanting or emergence; then 2 - 4 applications at 2 - 3 week intervals.

Perennial plants (herbaceous, shrubs & trees): 4 - 6 applications throughout the vegetation cycle.

SEED & TUBER TREATMENT

Seed treatment of small sized seeds (cereals, rice, etc.): 1,5 - 2,5 l/t, working solution 6 - 8 l/t.

Seed treatment of medium sized seeds (soybean, etc.): 2 - 3 l/t, working solution 10 l/t.

Tuber treatment (potato): 0,3 - 0,5 l/t, working solution 20 l/t.

SOIL APPLICATION

Before cultivation (field crops, vegetables): spread into the seed furrow for sowing or spray and work in immediately before preparing the seedbed.

After the harvest (field crops, vegetables): apply to harvest residues in autumn and work in gently.

Perennial plants (fruits & vegetables, ornamental plants): spraying on the soil.

Pre transplantation application: immerse plants 10 minutes in the 1 % working solution before transplantation or spray on the row before transplantation.

Drip irrigation/fertigation: 6 - 9 l per year split according to the watering schedule used.

HOBBY GARDENING

Time of application: during the vegetation period at intervals of 1 - 2 weeks.

Dosage rate of working solution: 1 - 10 ml AMALGEROL ESSENCE in 1 l of water.

Method of application:

- Soil application with watering (watering can): use 1 ml AMALGEROL ESSENCE in 1 l of water; apply 1 l fertilizer solution per square metre.
- Foliar application by spraying (spray bottle or garden sprayer): use 10 ml AMALGEROL ESSENCE in 1 l of water.
- Pre transplantation application: immerse plants 10 minutes in the working solution before transplantation.

MIXING INSTRUCTIONS

Shake the container well before opening and using it, stir up large containers! Fill the sprayer with half the amount of water required and begin agitation before adding AMALGEROL ESSENCE first while maintaining agitation. Add the other products and the remaining water. Stir throughout the entire spraying process! Wear safety glasses. Do not inhale splash or spray mist. Spray in the morning or evening. Do not keep the prepared spray solution in the sprayer for extended periods (such as breaks or overnight). Do not apply under adverse weather conditions, such as extreme temperatures, high wind speed or high light levels.

Compatibility: AMALGEROL ESSENCE is compatible with most plant protection products. When using multiple products in the spray tank, chemical interactions might occur. Conduct mixability/compatibility tests before combining AMALGEROL ESSENCE with other products (fertilisers, pesticides) and follow the instructions for each product in the tank mix.

NET WEIGHT : 18,45 kg

NET VOLUME : 15 l

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AMALGEROL ESSENCE | en-AT | 195x297 mm | Label version: 23.04.2025, 16:23



HECHENBICHLER
A BOOST FOR SOIL, PLANTS AND ANIMALS

