

# ERGER

## 20L (20°C) – 25 Kg NET MASS



→ KEEP OUT OF THE REACH OF CHILDREN

### GENERAL INFORMATION

**ERGER** is a fertiliser adjuvant which, when combined with Active **ERGER**\* or Calcium Nitrate, ensures the supply of nitrogen to those plant tissues in the first stages of development, such as buds. This is useful to assist nitrogen driven plant growth that begins even before bud break. The absence of leaves at the time of application makes the presence of the adjuvant contained in **ERGER** essential to allow nitrogen to access the plants growth zones. **ERGER** is an adjuvant designed to improve the uptake and utilisation by plants of nitrogenous fertilisers applied during plant dormancy. **ERGER** is a hazardous substance as defined by the HSNO Act. Contains Decanol alkoxyolate, HSNO Serious eye damage Category 1. **ERGER** complies with EPA NZ Group Standard – Fertilisers (Subsidiary Hazard) Group Standard 2020, [HSNO Approval Number HSR002571]. Due to the hazardous properties of **ERGER** please read label thoroughly and follow all instructions when using **ERGER**.

### COMPOSITION

**ERGER** contains Decanol alkoxyolate (250 g/l) as an adjuvant and the following nutrients: total Nitrogen (N) 15% (187.5 g/l) plus water soluble Calcium (Ca) 3.3% (41.25 g/l).

### INSTRUCTIONS FOR USE

1. Before applying extensively, carry out a limited test on a few plants of each variety.
2. Always wear appropriate personal protective equipment. Impervious or waterproof overalls, chemical splash goggles to protect the eyes, chemically resistant gloves and boots, and a chemical respirator to avoid inhalation of spray and spray drift.
3. Shake container thoroughly before use.
4. Ensure complete and even coverage of the plant with the spray mixture.
5. Apply the correct rate for the crop being treated (see table on the rear label).
6. Respect the application timing. Earlier or later application than recommended (see table on rear label) can result in a reduced effect and there is risk of phytotoxicity for the more sensitive cultivars.
7. Do not mix **ERGER** with any products other than Active **ERGER**\* or technical grade Calcium Nitrate. **ERGER** must not be used alone; it must be combined with Active **ERGER**\* or Calcium Nitrate.
8. Apply in slow drying conditions, do not spray in sunny quick drying weather as results can be reduced (bright sunny conditions can degrade the product).
9. **Erger** requires a minimum 30 minutes of drying time before rain.

IN CASE OF LONG STORAGE SHAKE WELL  
BEFORE ANY SAMPLES AND BEFORE USING.  
There are no problems with product storage  
provided that it is done at temperatures between  
0 and 35°C. In case of fire use plenty of water.

MADE IN ITALY



WOOD  
APPLICATION

 **Valagro**®

Where science serves nature

## RATES OF APPLICATION & TIMING

CROP	ERGER litres / 100 l of water	ADD Calcium Nitrate Kg / 100 l of water	OR Activ ERGER* litres / 100 l of water	Apply at a water volume litres / ha	Application days* before natural budbreak
KIWIFRUIT Gold	6	12	9	700	35 +/-5 days
KIWIFRUIT Hayward	6	8	6	1000	35 +/-5 days
APPLE (for bloom compression)	2.5	5	4	700 - 1300	20+/-5 days
APPLE (for shifting bloom and harvest dates)	5	10	8	700 - 1300	35+/-5 days
CHERRY	5	10	8	500 - 1300	45+/-5 days
GRAPES	6	20	16	300	60+/-5 days

\* Activ ERGER is a Valagro liquid formulation designed by Valagro, with optimised and consistent compatibility with ERGER. Read label for use instructions.

\*\* Applications days are before natural budbreak of the treated field .

## CROP SAFETY APPLICATIONS GUIDE

- Always apply ERGER with a correctly calibrated spray applicator to ensure an even application.
- Do not use in the same year with other dormancy-interrupting products.
- The use of pesticides in winter defence treatments is incompatible with the application of ERGER.
- Do not apply to plants younger than four years.
- ERGER performance and crop safety can be affected by the level of accumulated winter chilling hours. Application in areas or years where the chilling hours are equal/near or greater than the quantity required by the variety can result in phytotoxicity or tissue damage with loss of yield . If unsure, seek Agritrade or Valagro representative advice before use and carry out a limited test on a few plants of each variety.
- Unpredictable changes of the season/climate during the period of use and effect of the product, occurring before or after its application, and which results in an unusual temperature increase or decrease (natural dormancy break), can cause phytotoxicity problems on the plant and/or the product not being effective. Pay particular attention to the use of ERGER in protected environments (tunnels and glasshouses) where those effects may be magnified.
- Do not use ERGER on plants that are not well lignified, or plants weak from bad nutrition, chlorosis, or other reasons, because this can result in phytotoxicity problems.
- ERGER is phytotoxic on any organ that is showing vegetative activity.
  - Avoid applying the product on crops that are not listed above.
  - Avoid any spray drift to adjacent crops.
- The solubilisation of ERGER and Activ ERGER may result in a foam which can easily be controlled with a few drops of anti-foam.
- Do not apply any petroleum-based spray oil or zinc and copper containing sprays within 30 days before an application of Erger.
- Do not apply any petroleum-based spray oil or zinc and copper containing sprays until 7 days post an application of Erger.

**WARRANTY/DISCLAIMER:** this product has been manufactured to high standards and is shipped to the customer fit for purposes, if used in accordance with the label instructions.

The manufacturer and their local representative does not accept responsibility for damage to crops, the environment, harm to man or lack of product performance due to the user failing to follow label instructions or to the occurrence of conditions which could not have been foreseen at the time this label was written.

## ERGER



## DANGER

H302: harmful if swallowed. H318: causes serious eye damage. P101: if medical advice is needed, have product container or label at hand. P102: keep out of reach of children. P103: read label/sds before use. P264: wash exposed areas thoroughly after handling. P270: do not eat, drink or smoke when using this product. P280: wear protective gloves, protective clothing, eye protection, face shield. P301+P312 - IF SWALLOWED: call a POISON CENTER or doctor if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: immediately call a POISON CENTER, or doctor/physician. P330: Rinse Mouth. P331: do not induce vomiting. P501: dispose of contents/container to comply with applicable local, national and international regulation.

NZ POISON CENTRE CONTACT: 0800 764 766 (National Poisons Information Centre)

Manufacturer: **VALAGRO S.p.A.**

Z. industriale, 66041 Atessa (CH) - Italy

Tel. (+39) 0872/8811.

Distributed in NZ by: Agritrade, 1 Robin Mann Place

Christchurch Airport Christchurch 8053

- New Zealand Telephone (03) 341 4587 - Fax (03)

341 4584 - Free Phone 0 800 333 855

Distributed in Australia: E.E Muir & Sons Pty Ltd

<https://www.eem.com.au/>

Dispose properly of packaging after use.

Not to be sold in bulk.



valagro.com



GEAPOW ER IS A REGISTERED  
VALAGRO LOGO