

Agri-Paste Mg



Reg. No. B5851 Act No. 36 of 1947

FERTILIZER GROUP 2

READ LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Agri-Paste Mg is a highly concentrated magnesium containing fertilizer, dispersible in water, for use as a foliar fertilizer to maintain or correct magnesium deficiencies in plants.



DANGER

Magnesium (Mg) 448 g/ℓ

SG: 1.68 @20 °C

HAZARD STATEMENTS:

May cause an allergic skin reaction.
Causes serious eye damage.
Harmful if inhaled.
Toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Avoid release to the environment.
Wear protective gloves/face protection.

Registered, Manufactured & Distributed by: Rolfes Agri (Pty) Ltd.
(Reg. No. 1998/013411/07) • 288 Mundt Street, Waitloo, 0184
Gauteng, RSA. • Tel: (012) 803-0145

Emergency contact details

Office Hour Poisoning Helpline
Rolfes Agri (Pty) Ltd.
Tel: +27 (12) 803 0145

Rolfes 
Agri

Spill Response and Transport incidents

Spill Tech, Oil and chemical pollution control
Tel: +27 (86) 100 0366 / +27 (83) 253 6618
www.spilltech.co.za

Store at room temperature
Keep out of direct sunlight • Keep container closed when not in use



PRECAUTIONS:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Avoid breathing fumes/gas/mist/vapours/spray.
- Wash hands and affected area thoroughly after handling. Do **NOT** touch eyes.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing should **NOT** be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/face protection.
- IF ON SKIN: Wash with plenty of water.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical help.
- Specific treatment (see first aid on this label).
- If skin irritation or a rash occurs: Get medical help.
- Take off contaminated clothing and wash it before reuse.
- Empty all contents from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.

RELEVANT HAZAROUS SUBSTANCES:

Acrylic Polymer Sodium Salt < 10 %, Polyalkyl Napthalene Sulphonate < 10 %, and Benzoisothiazolinone < 10 %.

FIRST AID TREATMENT:

- **General Advice:** The symptoms resulting from direct exposure to the product could appear a while after exposure. If there is persistent discomfort, seek medical attention.
- **Eye contact:** Flush eyes immediately with large amounts of flowing cold water for at least 15 - 20 minutes, until no evidence of chemical remains. If irritation persists, get medical help immediately.
- **Skin contact:** Remove all contaminated clothing and shoes. Gently wipe off residual chemical

and wash skin thoroughly with non-abrasive soap. If irritation persists, get medical help.

- **Inhalation:** Remove the affected victim from exposure to an area with fresh air. If breathing has stopped, administer artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If irritation persists, get medical help.
- **Ingestion:** If exposed or concerned, rinse mouth thoroughly with large amounts of water and get medical advice.

DIRECTIONS FOR USE:

- Use only as directed.
- **AGRI-PASTE Mg** is highly concentrated, so it needs to be “dispersed” before being added to the spray tank. For example, add 5 ℓ of product to 10 ℓ of clean water and stir until dissolved and then add to the spray tank.
- Do **NOT** apply to plants that are undergoing a period of moisture or heat stress.
- Avoid applications under adverse climatic conditions. **AGRI-PASTE Mg** should preferably be applied early in the morning or late afternoon.
- Make sure all equipment is clean before use, and there are no residues in the tank.
- Shake the container thoroughly before use.
- It is advisable to do a miscibility test prior to mixing **AGRI-PASTE Mg** with other chemicals.
- Ensure good agitation once the mixture is added to the spray tank.
- Consult with your chemical distributor should crop specific programs or any other information be required about the use of **AGRI-PASTE Mg**.
- **AGRI-PASTE Mg** is a highly concentrated paste with uniform particle sizes smaller than 5 µm so it can be used for fertigation, pivot, drip and micro application.
- For optimum results, **AGRI-PASTE Mg** should be used in a program with balanced fertilizers and in combination with foliar fertilizers.
- Contact your **Rolfes Agri** distributor or a **Rolfes Agri (Pty) Ltd** representative to develop a crop specific program in conjunction with the **Absolute Agri Crop Technology**, which is based on leaf and soil analysis.
- In all cases the optimal rates should be determined by soil fertility and soil type as well as crop type and the age of the crop.

APPLICATION RATES

CROP	Maximum Application Rate per Hectare	Application Rate per 100 ℓ Water*	RECOMMENDATIONS
Field Crops	1.6 ℓ	300 mℓ	Apply 2 weeks after transplanting.
	3 ℓ	600 mℓ	Apply during the vegetative growth stage to maintain the foliage. Repeat every 14 days if necessary.
Grapes Table and Wine	3 ℓ	200 mℓ	Apply when shoots are 20 – 50 cm to stimulate the plant’s vigour. Repeat 2 – 3 times every 14 days depending on the variety and fertilizer program. Apply from veraison onwards to prevent bunch stem necrosis.
Pome Fruit Apples, Pears	6 ℓ	250 mℓ	Apply from petal fall onwards. In case of a severe magnesium deficiency, the first application can be done in the pink bud stage. Repeat every 10 days if necessary.

CROP	Maximum Rate per Hectare	Rate per 100 ℓ Water	REMARKS
Row Crops Cereals	2.5 ℓ	500 mℓ	Apply during tillering and stem elongation.
Maize	7 ℓ	1 ℓ	Apply from 4 – 6 full expanded leaves onward.
Stone Fruit Plums, Peaches, Nectarines, Olives	4 ℓ	250 mℓ	Apply when shoots are 10 – 15 cm to correct magnesium deficiency during shoot elongation.
Subtropical Fruit: Avocado	4 ℓ	125 mℓ	Start application at 2/3 shoot elongation. Repeat 2 – 3 times with 10 day intervals.
Citrus	6 ℓ	250 mℓ	Start application at 2/3 shoot elongation. Repeat 2 – 3 times with 10 day intervals.
Macadamia	4 ℓ	150 - 300 mℓ	Apply on new flush, or as needed. Apply in 1500 – 3000 ℓ water / ha.
Pecan	4 ℓ	250 - 500 mℓ	Apply on new flush, or as needed. Apply in 1000 – 3000 ℓ water / ha.
Vegetables	1.6 ℓ	300 mℓ	Apply after 2 weeks after transplanting.
	3 ℓ	600 mℓ	Apply during the vegetative growth stage to maintain the foliage. Repeat every 14 days if necessary.
Cruciferae Cabbage, Cauliflower, Brussel Sprouts	4 ℓ	700 mℓ	Apply 4 weeks before harvest.
Tomato	7 ℓ	600 mℓ	Start application if 4 – 6 leaves are fully expanded. Repeat every 10 days if necessary.

* **Important Note:** Never exceed the maximum rate per hectare per crop, as indicated above, irrespective of the water volume per hectare.