

# CARBology<sup>®</sup> Calmag



Reg. No. B3719 Act No. 36 of 1947

Reg. No. N-F 0425 Act No. 36 of 1947

FERTILIZER GROUP 2

READ LABEL BEFORE USE.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

CARBOLGY Calmag is a calcium and magnesium containing liquid fertilizer for use as a foliar feed to maintain or correct Calcium and Magnesium levels in plants.



**DANGER**

|           |      |            |             |
|-----------|------|------------|-------------|
| Calcium   | (Ca) | 36,09 g/kg | (44,39 g/ℓ) |
| Magnesium | (Mg) | 14,01 g/kg | (17,23 g/ℓ) |

Amino gluconate chelated.

SG (20 °C) = 1,25 ± 0.02

UN Number 1993

## Emergency contact details

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

Registration holder: Rolfes Agri (Pty) Ltd.  
(Reg. No. 1998/013411/07) • 288 Mundt Street, Walthoo, 0184  
Gauteng, RSA. • Tel: (012) 803-0145

Distributed by: INTELIGRO (Pty) Ltd.  
PO Box 85, Wellington, 7654  
Tel: +27 (21) 873 6177

## HAZARD STATEMENTS:

Flammable liquid and vapour.  
Causes skin irritation.  
Causes serious eye damage.

## PRECAUTIONARY STATEMENTS:

Read carefully and follow all instructions.  
Keep container tightly closed.

**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](http://www.spilltech.co.za)

Shake well before use • 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.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Ground and bond container and receiving equipment.
- Use explosive-proof [electrical/ventilating/lightning] equipment.
- Use non-sparking tools.
- Take action to prevent static discharges.
- Wash hands and affected area thoroughly after handling. Do not touch eyes.
- Wear protective gloves/protective clothing/eye protection/ face protection/ hearing protection.
- IF ON SKIN: Wash with plenty of water.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
- 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 occurs: Get medical help.
- Take off contaminated clothing and wash it before reuse.
- In case of fire: Use appropriate media to extinguish.
- Store in a well-ventilated place. Keep cool.
- 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 HAZARDOUS SUBSTANCES:**

Limbox Lime <10%, Acetic Acid 10 to 30%.

**RECOMMENDATIONS:**

Please ensure not to exceed the maximum rate per hectare. Do not exceed a concentration of 2 % (2 ℓ / 100 ℓ water) if mixed with other chemicals in a spray tank.

| CROP  | MAXIMUM RATE PER HECTARE PER APPLICATION | RATE PER 100 ℓ WATER | REMARK   |
|---|--|----------------------|--|
| Beans<br>Soybeans, Groundnuts and Green Beans | 10 ℓ                                     | 500 – 750 mℓ         | Start application at flowering. Apply 2 sprays at 7 day intervals. Apply in 300 - 600 ℓ water per hectare.   |
| Cotton  | 5 ℓ                                      | 500 – 700 mℓ         | Start application when plants reach a height of 30 cm. Apply 2 – 3 sprays in 300 - 600 ℓ water per hectare.  |
| Deciduous Fruit<br>Pome and Stone Fruit       | 20 ℓ                                     | 350 – 550 mℓ         | Start application after fruit set. Apply as a full cover spray in 1000 - 3000 ℓ spray water. Apply 6 – 12 sprays every 7 – 10 days. Use the higher number of sprays on bitter pit sensitive cultivars and if vigorous shoot growth occurs. |
| Grapes  | 10 ℓ                                     | 350 – 550 mℓ         | Start application directly after fruit set. Apply 3 – 4 sprays in 1000 - 1500 ℓ water per hectare.   |
| Sugarcane                                     | 20 ℓ                                     | 500 – 750 mℓ         | Start application in early spring. Apply 2 sprays with 10 day intervals in 500 - 1500 ℓ water per hectare.   |
| Subtropical Fruit<br>Avocados                 | 20 ℓ                                     | 350 – 550 mℓ         | Apply first application to the flower trusses. Apply as a full cover spray in 1000 - 3000 ℓ spray water. Repeat 3 times in early spring on new growth.   |
| Citrus  | 20 ℓ                                     | 350 – 550 mℓ         | Start application in October directly after fruit set. Apply 4 - 5 sprays with 7 – 10 day intervals. Apply in 1000 - 3000 ℓ water per hectare.   |
| Litchi and Mangoes                            | 20 ℓ                                     | 350 – 550 mℓ         | Start application during flowering. Apply 2 – 3 sprays at 10 day intervals. Apply in 1000 - 3000 ℓ water per hectare.  |

**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 15-20 minutes, until no evidence of chemical remains. If irritation persists, get medical help.
- **Skin contact:** Remove all contaminated clothing and shoes immediately. 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.
- **Ingestion:** If exposed or concerned, rinse mouth thoroughly with large amount of water and get medical advice.

**DIRECTIONS FOR USE: USE ONLY AS DIRECTED**

Do **NOT** apply **CARBOLGY® CALMAG**:

- In combination with copper containing fungicides, phosphates or phosphonates.
- Within 30 days after application of any copper fungicides.
- In combination with highly alkaline material such as lime sulphur, Bordeaux mixture, or certain boron products.
- **CARBOLGY® CALMAG** should preferably be applied in the early morning or late afternoon. Do not apply to plants that are undergoing a period of moisture or heat stress.
- **CARBOLGY® CALMAG** could lower the pH of the spray water, therefore the use of a buffer is recommended when using in combination with other chemicals.

| CROP   | MAXIMUM RATE PER APPLICATION | RATE PER 100 ℓ WATER | REMARK  |
|--|------------------------------|----------------------|---|
| <b>Vegetable</b><br>Cucurbits                    | 5 ℓ                          | 500 –750 mℓ          | Start application directly after fruit set. Apply in 300 - 600 ℓ water per hectare. Repeat every 7 - 10 days.   |
| Beetroot, Celery, Cruciferae,<br>Lettuce, Onions | 5 ℓ                          | 500 –750 mℓ          | Start application after transplant, if the plants are established. Apply 2 to 3 sprays with 7 - 10 day intervals. Apply in 300 - 600 ℓ water per hectare. |
| Potatoes   | 10 ℓ                         | 500 –750 mℓ          | Start application at tuber initiation. Apply 3 - 4 sprays with 10 - 14 day intervals in 500 - 1000 ℓ water per hectare.                                   |
| Tomatoes and Peppers                             | 10 ℓ                         | 500 –750 mℓ          | Start application at first set and repeat with 7 - 10 day intervals. Apply in 500 - 1000 ℓ water per hectare.   |

For optimum results **CARBOLOGY® CALMAG** should be used in a program and in combination with other balanced fertilisers and foliar feeds. Use lower rates as a maintenance spray and higher rates to correct deficiencies. Consult with your chemical distributor for crop specific program or if any other information is required regarding the use of **CARBOLOGY® CALMAG**.