

# CARBology<sup>®</sup> Zinc

**A zinc containing liquid fertiliser for use as a foliar feed to maintain or correct zinc deficiencies in plants.**



Zinc (Zn) 100 g/kg (130 g/l)

Amino gluconate chelated  
SG (@20 °C) = 1,28 ± 0,02



Product approved for the use in organic farming according to EEC889 by CERES GmbH.

May be used in organic farming only if deficiency of the micronutrient being applied is documented.



**InteliGro**  
intelligent crop solutions

Distributed by:  
Inteligro (Pty) Ltd.,  
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VERSION ROLFES AGRI: 07/2018

FERTILISER GROUP 2  
Reg. No. B3695 Act No. 36 of 1947  
Reg. No. N-F 0432, Act No. 36 of 1947

**UN NO.: NOT REGULATED**  
**SEE CONTAINER**  
**FOR BATCH DETAILS**  
**COUNTRY OF ORIGIN:**  
**REPUBLIC OF SOUTH AFRICA**

**Rolfes**   
**Agri**

Registered and Manufactured by:  
Rolfes Agri (Pty) Ltd.

(Reg. No. 1998/013411/07)

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**SHAKE WELL** Shake well before use • Store at room temperature  
Keep out of direct sunlight • Keep container closed when not in use



**DIRECTIONS FOR USE:** USE ONLY AS DIRECTEDDo NOT apply **CARBOLOGY® ZINC**:

- 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.
- **CARBOLOGY® ZINC** 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.
  - **CARBOLOGY® ZINC** could lower the pH of the spray water, therefore the use of a buffer is recommended when using in combination with other chemicals.

**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	MAX RATE / HA PER APPLICATION	RATE PER 100 ℓ WATER	REMARKS
<b>Beans, Groundnuts, Peas, Soy-, Green- and Dry Beans</b>	2 ℓ	50 – 300 mℓ	Apply 1 – 2 applications early in the growing season. Apply in 200 – 500 ℓ water per hectare.
<b>Cereals (Wheat, Barley, Oats)</b>	2 ℓ	50 – 500 mℓ	Apply early in the season at the first signs of a deficiency and repeat the application if required. Apply in 50 – 300 ℓ water per hectare.
<b>Deciduous Fruit (Pome and Stone Fruit)</b>	10 ℓ	70 – 300 mℓ	Apply first application at second green-tip spray and repeat 2 – 3 times from 100 % petal drop with 10 – 14 days intervals. Repeat after harvest. Apply in 1 000 – 3 000 ℓ water per hectare or according to Tree Row Volume.
<b>Grapes</b>	5 ℓ	70 – 300 mℓ	Apply first application at 10 – 15 cm shoot length, and repeat 2 – 3 times during the growing season. Apply in 500 – 1 000 ℓ water per hectare.
<b>Row Crops</b> Maize and Sweet Corn	5 ℓ	100 – 500 mℓ	Start application early in the season at the first signs of a deficiency and repeat if required. Apply in 200 – 500 ℓ water per hectare.
Cotton	2 ℓ	50 – 300 mℓ	Apply first application early in the season and repeat if required. Apply in 500 ℓ water per hectare.
<b>Subtropical Fruit</b> Avocados	10 ℓ	70 – 300 mℓ	Start application on flowers in the spring. Repeat 1 – 2 times on all new growth in the summer. Apply in 1 000 – 3 000 ℓ water per hectare.
Citrus	10 ℓ	50 – 300 mℓ	Apply as a full cover spray in spring to all new growth. Repeat 1 – 2 times. Do not spray directly before or during harvest. Apply in 1 000 – 3 000 ℓ water per hectare.
Mangoes	10 ℓ	70 – 300 mℓ	Apply as a full cover spray in the spring and repeat the application in the summer if required. Apply in 3 000 – 4 000 ℓ water per hectare.
<b>Tea</b>	2 ℓ	50 – 300 mℓ	Apply early in the season on new growth. Apply 3 - 4 applications depending on severity of deficiency. Apply in 200 – 600 ℓ water per hectare.
<b>Tree Nuts</b> Macadamia, Pecans and other Nuts	15 ℓ	70 – 300 mℓ	Start application in the spring and repeat on all new growth later in summer or when deficiencies occur. Repeat 1 – 2 times if necessary. Apply in 1 000 – 4 000 ℓ water per hectare.

CROP	MAX RATE / HA PER APPLICATION	RATE PER 100 ℓ WATER	REMARKS
<b>Vegetables</b> Brassicac, Bulb vegetables, Capsicums, Cruciferae, Cucurbits, Root- and Tuber vegetables, Tomato)	2 ℓ	50 – 300 mℓ	Apply at the first signs of a zinc deficiency and repeat 3 - 4 weeks later if necessary. Apply in 300 – 500 ℓ water per hectare.
Lettuce	2 ℓ	50 – 300 mℓ	Apply 1 – 2 applications early in the growing season in 500 ℓ water per hectare.

For optimum results **CARBOLGY® ZINC** 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 programs or if any other information is required regarding the use of **CARBOLGY® ZINC**.