



RFC:Zn

Reg. No. B6512 Act No. 36 of 1947

FERTILIZER GROUP 2

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

RFc: Zn is a liquid, chelated zinc fertilizer to be used for foliar and fertigation application.



DANGER

ACTIVE INGREDIENT

Zinc	(Zn)	122 g/t	91 g/kg
Total Nitrogen	(N)	63 g/t	47 g/kg

SG: 1.34 @ 22 °C

HAZARD STATEMENTS:

Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS:

Read carefully and follow all instructions.
Do not eat, drink, or smoke when using this product.

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



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

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

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.
- Avoid breathing dust/fumes/gas/mist/vapours/spray.
- Wash hands and affected area thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Get medical help.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN: Take all contaminated clothing off immediately. Immediately rinse with water for several minutes.
- 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 emergency medical help immediately.
- Get medical help if you feel unwell.
- Specific treatment (see first aid on this label)
- Rinse mouth.
- Wash contaminated clothing before reuse.
- Collect spillage.
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- 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:

Ammonium Hydroxide 10 to 30%

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.

Do not exceed maximum application rate, irrespective of the amount of water applied.

CROP	MAXIMUM APPLICATION RATE PER HECTARE	APPLICATION RATE PER 100 ℓ WATER	RECOMMENDATIONS
General recommendation for Cereals and Row Crops	1 - 2 ℓ	500 mℓ - 1 ℓ	Apply in at least 200 ℓ of water/ha.
SUBTROPICAL CROPS Avocado	1- 7 ℓ	100 - 350 mℓ	Apply in 2000 -3000 ℓ water/ha. If less water is given, do not exceed application rate per 100 ℓ (unless trials have been done or a qualified Agronomist has been consulted).
CITRUS	2 - 3 ℓ	100 mℓ	Apply in 2000 - 3000 ℓ of water/ha.

- **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.
- **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:** Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

DIRECTIONS FOR USE:

- **RFC: Zn** should preferably be applied in the early morning or late afternoon.
- For optimum results, **RFC: Zn** should be used in a program and in combination with other balanced fertilizers and foliar applications.
- Contact your chemical distributor or a **Rolfes Agri (Pty) Ltd** representative should crop specific programs be required, or if any other guidance is required concerning the use of this product.
- It is advisable to do a miscibility test prior to mixing **RFC: Zn** with other fertilizers to check compatibility especially if more than 3 products are mixed in a tank mixture.
- Ensure good agitation once added to the spray tank.
- **RFC: Zn** is a fully chelated mixture which can be used for fertigation, pivot, drip, micro application.
- **Consult a qualified Agronomist before spraying as the correct application rate will depend on soil fertility, the nutrient status of the plant as well as specific crops that are more or less sensitive to phytotoxicity during specific growth stages.**
- **These guidelines are meant to be generalized, for more specific guidelines, or for any crops not listed please contact your Rolfes Agri representative.**

CROP	MAXIMUM AP-PLICATION RATE PER HECTARE	APPLICATION RATE PER 100 ℓ WATER	RECOMMENDATIONS
GRAPES AND BERRIES	1.5 ℓ	150 mℓ	Preferentially apply in at least 1000 ℓ of water/ha. If less water is used, do not exceed rate per 100 ℓ.
STONE FRUIT	1 ℓ	100 - 200 mℓ	Apply in at least 500 ℓ water/ha.
POME FRUIT	2 ℓ	100 mℓ	Apply in at least 500 ℓ of water/ha.
NUT CROPS Pecans, Macadamia etc.	1 - 6 ℓ	100 to 150 mℓ	Apply in 1000 - 4000 ℓ water / ha If less water is given, do not exceed application rate per 100 ℓ (unless trials have been done or a qualified Agronomist has been consulted).
GENERAL VEGETABLES: Brassicas, Leafy vegetables etc.	0.9 - 1.8 ℓ	Up to 300 mℓ	Apply in 300 - 600 ℓ of water/ha.
SOLANACEOUS FRUITS: Tomatoes, Peppers etc.	Up to 2 ℓ	Up to 200 mℓ	Apply in 500 - 1000 ℓ of water/ha.
ROOT / TUBER VEGETABLES Potatoes, Sweet Potatoes etc.	0.8 - 1.5 ℓ	200 - 300 mℓ	Apply in 400 - 800 ℓ of water/ha.
Soil Application (Pivot)	10 ℓ		Make sure to properly dilute the solution, the maximum application rate in this instance is for broadcast application.
Drip Application	2 - 4 ℓ		The amount will depend on the crop and soil status, for a more specific recommendation consult with a qualified Agronomist.
Aerial Application	Do not exceed 300 mℓ		Use at least 30 ℓ of water.
For any other crops, please contact your Rolfes Agri representative.			