



OPTY

ZINC

Reg.No. B5229 (Act 36 of 1947)
Fertilizer Group 2

Zinc (Zn) 406 g/kg (702g/L)

SG (@ 20 °C) = 1.73 ±0.02

Opty Zinc is a concentrated fertiliser suspension, specifically designed for use as a foliar feed to prevent and correct Zinc deficiencies in plants.



Registered, Manufactured and Distributed by:
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See enclosed for full details. 
See container side for both Batch No. and Manufacture Date. Product expires 2 years after date of manufacture.

GENERAL INFORMATION

- For optimum results **Opty Zinc** should be used in a balanced plant nutrition programme.
- Consult your chemical distributor, consultant or the registration holder should crop specific programmes be required, or if any additional information and guidance is required concerning the use of this product.

COMPATIBILITY

- It is advisable to do a miscibility test prior to mixing **Opty Zinc** with other agricultural products.
- Do not apply this product with any Sulphonyl Urea herbicides.

MIXING INSTRUCTIONS

- Shake the container thoroughly before use.
- Follow the standard tank mixing procedure if this product is applied in combination with other agricultural products.
- Ensure good agitation throughout application.

STORAGE

APPLICATION INSTRUCTIONS

- **Opty Zinc** should preferably be applied in the early morning or late afternoon.
- Do not apply to plants that are undergoing moisture or heat stress.
- Ensure good even coverage of the plants.
- Use the lower dosage per 100 ℓ at higher water volumes and higher dosage per 100 ℓ at lower spray volumes.

WARNING

- Do not apply during the flowering stage (pollination to fruit set stage).

Directions for use: (Use only as directed)

CROP	MAX RATE/HA	ml /100 liter	REMARKS
Berries i. Blueberries, Blackberries, Raspberries	750 ml 750 ml	250 ml 250 ml	i. Apply when sufficient leaf development for uptake. ii. Apply last application 1 week after fruit set. 14 days later. Last application 1 week after fruit set. Apply in 300 l water/ha.
ii. Strawberries	500 ml 500 ml	250 ml 250 ml	i. Two weeks after transplant. ii. Apply 14 days later. Last application 1 week after fruit set. Apply in 200 l water/ha.
Bulb, Tuber and Root Crops i. Onions, Garlic	2-3 l 2-3 l 2-3 l 2-3 l 2-3 l	1 - 1.5 l 1 - 1.5 l 1 - 1.5 l 500 - 750 ml 500 - 750 ml	i. Apply at 2-3 leaf stage/ 60 days after plant. ii. Apply at pencil stage. iii. Apply 14 days post pencil stage. iv. Apply 14 days post onset of bulbing. v. Apply 14 days later. Apply in 200 - 400 l water/ha.
ii. Potatoes, Sweet Potatoes	1 - 2 l 1 - 2 l 1 - 2 l 1 - 2 l	330 - 660ml 250 - 500ml 250 - 500ml 200 - 400ml	i. Apply 2 weeks post-emergence. ii. Apply 4 weeks post-emergence. iii. Apply 8 weeks post-emergence. iv. Apply 10 weeks post-emergence. Apply in 300 - 500 l water/ha.
iii. Beetroot, Carrots	2 l 2 l	1 l 660ml	i. Apply 3 weeks after emergence. ii. Apply 5 weeks after emergence. Apply in 200-300 l water/ha.
Cotton	2 l	660ml	i. Apply 1 week post emergence in 300 l water/ha.

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Cruciferae Broccoli, Brussel Sprouts, Cabbage, Cauliflower	2 ℓ 2 ℓ	1 ℓ 660ml	i. Apply 3 weeks post-transplant. ii. Apply 5 weeks post-transplant. Apply in 200-300 ℓ water/ha.
Cucurbits Cucumbers, Marrows, Melons, Pumpkins, Baby marrows	2 ℓ 2 ℓ	1 ℓ 660ml	i. Apply 3 weeks post emergence or transplant. ii. Apply 14 days later. Apply in 200-300 ℓ water/ha.
Grain Crops i. Maize, Sorghum	2 ℓ	1 ℓ	i. Apply at 2-4 leaf stage in 200 ℓ water/ha.
ii. Barley, Oats, Wheat	1 ℓ 1 ℓ 1 ℓ	500 ml 500 ml 500 ml	i. One week after emergence. ii. 30 Days after emergence. iii. Flag leaf Stage. Apply in 200 ℓ water/ha.
Grapes i. Table and Wine Grapes	1 ℓ 1 ℓ 1 ℓ 1 ℓ	130 – 200 ml 130 – 200 ml 130 – 200 ml 130 – 200 ml	i. Apply when flower buds are visible. ii. 10 cm shoot length. iii. 20-30 cm Shoot length. iv. Apply directly post-harvest, according to leaf analysis. Apply in 500 – 750 ℓ water/ha.
Leafy vegetables Lettuce, Spinach	1 ℓ	500ml	i. Apply 3 weeks after emergence in 200 ℓ water/ha.

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Legumes Dry Beans, Peas	2 ℓ	1 ℓ	ii. Apply 1 week after emergence in 200 ℓ water/ha.
Mediterranean Fruit Figs, Olives, Pomegranates	2 ℓ 2 ℓ	130 – 260ml 130 – 260ml	i. Apply before flowering stage. ii. Apply just after flowering. Apply in 750 – 1500 ℓ water/ha.
Nuts i. Almonds	2 ℓ 2 ℓ	100 – 200ml 100 – 200ml	i. Apply at bud burst. ii. Apply at 100% petal drop. iii. Apply directly post-harvest. Apply in 1000 – 2000 ℓ water/ha.
ii. Macadamia	3 ℓ 3 ℓ 3 ℓ	100 – 200ml 100 – 200ml 100 – 200ml	i. Apply at Flower initiation. ii. Apply following leaf flush (Sept). iii. Apply at November nut drop. Apply in a minimum of 1500 - 3000ℓ water/ha.
iii. Pecan, Wall Nuts	3 ℓ 3 ℓ 3 ℓ	150 – 300 ml 150 – 300 ml 150 – 300 ml	i. End November after pollination. ii. Middle December. iii. Middle February. Apply in 1000 – 2000 ℓ water/ha.
Oil Seed Crop i. Canola	2 ℓ	1 ℓ	i. Apply at 2-4 leaf stage. Apply in 200 ℓ water/ha.

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ii. Soy Beans	2 ℓ	1 ℓ	i. Apply at V1-V2 Stage. Apply in 200 ℓ water/ha.
iii. Sunflower	2 ℓ	1 ℓ	i. Apply in combination with first post emergence pesticide application. Apply in 200 ℓ water/ha.
Pastures and Lawns	1 – 2 ℓ	330 – 660mlℓ	i. Apply when growth is sufficient to absorb nutrients. Allow at least 15 cm regrowth after successive cuttings. Apply in a minimum of 300 ℓ water/ha. Withhold animal grazing for 10 days.
Pome fruit i. Apples, Pears, Quinces	2 ℓ 2 ℓ 2 ℓ	60 – 100mlℓ 60 – 100mlℓ 60 – 100mlℓ	i. Apply at bud burst. ii. Apply at 100% petal drop. iii. Apply directly post-harvest. Apply in 2000 – 3000 ℓ water or according to Tree Row Volume.
Solanaceous Crops i. Chilies, Paprika, Peppers, Tomatoes	1 - 2 ℓ 1 - 2 ℓ	250 - 500mlℓ 250 – 500mlℓ	i. Apply 2 weeks after successful establishment. ii. Apply 2-3 applications with 14 day intervals. Apply in 400 ℓ water/ha.
ii. Tobacco	2 ℓ	400mlℓ	i. Apply as a full cover spray 3 weeks after successful transplant. Apply in 500 ℓ water/ha.
Stone Fruit Apricots, Nectarines, Peaches, Plums	2 ℓ 2 ℓ 2 ℓ	100- 200mlℓ 100 -200mlℓ 100 -200mlℓ	i. Apply at bud burst. ii. Apply at 100% petal drop. iii. Apply directly post-harvest. Apply in 1000 – 2000 ℓ water or according to Tree Row Volume.

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CROP	MAX RATE/HA	ml /100 liter	REMARKS
Sugar, Ginger	1-2 ℓ	330 - 660ml	i. Apply at 4-6 leaf stage Apply in 300 ℓ water/ha.
Subtropical Fruit i. Avocados	3 ℓ 3 ℓ	60 – 100ml 60 – 100ml	i. Apply at Cauliflower stage. ii. Apply at autumn flush. Apply in 3000 – 5000 ℓ water/ha.
ii. Guavas	3 ℓ	100 – 200ml	i. Apply just prior flowering. Apply in 1500 – 3000 ℓ of water/ha.
iii. Lychees, Mangoes	3 ℓ 3 ℓ	150ml 150ml	i. Apply just prior the onset of flowering. ii. Apply at autumn flush. Apply in 2000 ℓ water/ha.
iv. Citrus	2 ℓ 2 ℓ	100 – 200ml 100 – 200ml	i. Green tip (balloon stage) ii. 2-4 Weeks after flowering Apply in 1000 – 4000 ℓ water or according to Tree Row Volume.
Other Crops	1-2 ℓ	200 – 400ml	i. Apply when deficiency symptoms occur. Repeat 2-3 applications with 14 day intervals. Apply in a minimum of 500 ℓ water/ha.

Warranty:

The registration holder does not warrant that the product will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic conditions as well as method, time and accuracy of application.