



OPTY MAG

Reg.No. B5393 (Act 36 of 1947)
Fertilizer Group 2

Magnesium (Mg) 250 g/kg (360 g/L)

SG (@ 20 °C) = 1.44 ± 0.02

**Opty Mag is a concentrated
fertiliser suspension,
specifically designed for use
as a foliar feed to prevent
and correct Magnesium
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 Mag** 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 Mag** with other agricultural products

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

- Store in the original, well-sealed container away from direct sunlight in a cool dry environment
- Keep away from children, uninformed people, animals and foodstuffs

APPLICATION INSTRUCTIONS

- **Opty Mag** 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 liter at higher water volumes and higher dosage per 100 liter at lower spray volumes

Directions for use: (Use only as directed)

| CROP | MAX RATE/HA | ml /100 liter | REMARKS |
|--|-------------------|----------------------------|---|
| Berries i. Blueberries Blackberries Raspberries | 1 ℓ 1 ℓ | 500 ml 500 ml | i. First application when deficiency appears. ii. Do a second application 2 weeks later. Last application 1 week after fruit set. Apply in 200 ℓ water/ha. |
| ii. Strawberries | 1 ℓ | 500 ml | i. First application when deficiency appears. ii. Do a second application 2 weeks later. Last application 1 week after fruit set. Apply in 200 ℓ water/ha. |
| Bulb, Tuber and Root Crops i. Onions, Garlic | 3 ℓ 3 ℓ | 750 ml 750 ml | i. At onset of bulbing. ii. 14 days before harvesting. Apply in 400 ℓ water/ha. |
| ii. Potatoes, Sweet Potatoes | 3 ℓ 3 ℓ 3 ℓ | 750 ml 750 ml 750 ml | i. 4 Weeks post emergence. ii. 6 Weeks post emergence. iii. 10 Weeks post emergence. Apply in 400 ℓ water/ha. |
| iii. Beetroot, Carrots | 3-4 ℓ | 1 – 1.3 ℓ | i. Apply 6 weeks post emergence. Apply in 300 ℓ water/ha. |
| Cruciferae Broccoli, Brussel Sprouts, Cabbage, Cauliflower | 3-4 ℓ | 1 – 1.3 ℓ | i. Apply 5 Weeks post transplant. ii. Apply 9 weeks post transplant. Apply in 300 ℓ water/ha. |
| Cucurbits Cucumbers, Marrows, Melons, Pumpkins, Baby marrows | 3 ℓ | 600 ml | i. Apply 5 weeks post-transplant. Apply in 500 ℓ water/ha. |
| Grain Crops i. Maize, Sorghum | 2 ℓ | 1 ℓ | i. Apply 4 weeks post-transplant. Apply in 200 ℓ of water/ha. |

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|--|-------------------|--|---|
| ii. Barley, Oats, Wheat | 2 ℓ | 1 ℓ | i. Apply 30 days after emergence. Apply in 200 ℓ of water/ha. |
| Grapes Table and Wine Grapes | 5 ℓ 5 ℓ 5 ℓ | 660 ml – 1 ℓ 660 ml – 1 ℓ 660 ml – 1 ℓ | i. Apply at pea berry size. ii. Apply 2 weeks post pea berry size. iii. A third application can be done 14 days later if necessary. Apply in 500 -750 ℓ of water/ha. |
| Leafy vegetables Lettuce, Spinach | 1 ℓ 1 ℓ | 500 ml 500 ml | i. Apply 2 weeks after successful transplant. ii. Apply 4 weeks post-transplant. Apply in 200 ℓ of water/ha. |
| Legumes Dry Beans, Peas | 2 ℓ | 1 ℓ | i. Start application on onset of flowering. Apply in 200 ℓ of water/ha. |
| Mediterranean Fruit Figs, Olives, Pomegranates | 5 ℓ | 330 – 660 ml | i. Apply 14 days post flowering after the first calcium application. Apply in 750 – 1500 ℓ water/ha. |
| Nuts i. Almonds | 5 ℓ | 250 – 500 ml | i. 75% Petal fall. Apply in 1000 – 2000 ℓ water/ha. |
| ii. Macadamia | 5 ℓ 5 ℓ 5 ℓ | 170 – 340 ml 170 – 340 ml 170 – 340 ml | i. Apply on September flush. ii. Apply during February. iii. Apply during March during oil accumulation phase. Apply in 1500 -3000 ℓ water/ha. |

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|---|-------------|-------------------------------|--|
| iii. Pecan, Wall Nuts | 5 ℓ | 250 – 500 ml | i. 2 Weeks post parachute stage (Middle October). Apply in 1000 – 2000 ℓ water/ha. |
| Oil Seed Crops i. Groundnuts | 3 ℓ | 1.5 ℓ | i. Apply 10 weeks post plant during flowering. Apply in 200 ℓ of water/ha. |
| ii. Soy Beans | 2 – 3 ℓ | Apply via overhead irrigation | i. Apply one week after the R1 growth stage. Apply in 200 ℓ water/ha. |
| iii. Sunflower | 3 ℓ | 1.5 ℓ | i. Apply at 90cm height. Apply in 200 ℓ of water/ha. |
| Pineapples | 2 ℓ | 400ml | i. Apply at blue flower stage (Middle February). Apply in 500 ℓ water/ha. |
| Pome fruit Apples, Pears, Quinces | 5 ℓ | 170 – 500ml | i. Apply One week post petal drop. Apply in 1000 – 3000 ℓ water/ha or according to Tree Row Volume. |
| Solanaceous Crop Chilies, Paprika, Peppers, Tomatoes | 5 ℓ 5 ℓ | 1.25 ℓ 1.25 ℓ | i. Apply at the end of flowering on first truss. ii. Repeat application every 21 days until one month before harvest. Apply in 400 ℓ water/ha. |
| Stone Fruit Apricots, Nectarines, Peaches, Plums | 5 ℓ | 250 – 500 ml | i. Apply at 75% Petal fall. Apply in 1000 – 2000 ℓ water/ha. |

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|--|-------------|------------------------------|---|
| Subtropical Fruit i. Avocados | 9 ℓ | 180 – 300 ml | i. Apply during November fruit fall preferably on new leaf growth. Apply in 3000 – 5000 ℓ water/ha. |
| ii. Guavas | 4 ℓ | 130 – 260 ml | i. Apply one week after flowering. Apply in 1500 – 3000 ℓ water/ha. |
| iii. Lychees, Mangoes | 5 ℓ | 250 ml | i. Apply on new growth just before flowering directed on the newly developed unopened flower trusses. Apply in 2000 ℓ water/ha. |
| iv. Citrus | 5 ℓ | 125 – 500 ml 125 – 500 ml | i. Apply before flowering at green point. ii. 2-4 weeks post 100% petal fall. Apply according to Tree Row Volume or 1000 – 4000 ℓ water/ha. |
| Other Crops | 5 ℓ | 1 ℓ | i. Start application from early fruit development stage and repeat applications if necessary at 10-14 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.