

INTRO *mag*



Reg. No.: B5857
(Act 36 of 1947)
Fertilizer Group 2

Intro Mag is a Magnesium containing liquid fertilizer, specifically designed for use as a foliar feed to prevent and correct Magnesium deficiencies.

Nutrient Content:

Magnesium	(Mg)	80 g/ℓ	63 g/kg
Nitrogen	(N)	23 g/ℓ	18 g/kg

SG (@ 20 °C) = 1.28 ± 0.02



Registered, Manufactured & Distributed by:

INTROLAB (PTY) LTD
(Reg. No. 2005/039779/07)



Introlab
outperform the norm

12 Oudepont Street
Wellington Industrial
Wellington
South Africa
7655
Tel: +27 21 864 2145/6
Email: info@introlab.co.za

Version: April 2021

www.introlab.co.za

See enclosed for full details. ■■

See container side for both Batch No. and Manufacture Date. Product expires 2 years after date of manufacture.



Product Description:

- **Intro Mag** is a Magnesium containing liquid fertilizer.
- **Intro Mag** is suitable for foliar applications.
- **Intro Mag** is recommended for use during plant growth periods, when the demand for Magnesium is high.

Compatibility:

- It is advisable to do a miscibility test prior to **Intro Mag** mixing with other agricultural products.

Intro Mag could lower the spray water pH.

The use of a pH buffer such as, AquaTech is recommended when tank mixing **Intro Mag** with other Agrochemicals that are susceptible to low pH conditions.

Do not apply **Intro Mag**:

- In a tank mix with Copper containing fungicides.
- Onto plants with Copper fungicide containing residues.
- Within 30 days after Copper containing fungicide applications.
- In a tank mix with products that contain high levels of phosphate or phosphonate.

Contact the Manufacturer or Crop advisor before tank mixing **Intro Mag** with other Agrochemicals.

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:

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

Warning:

- Handle with care.
- Do not re-use the container for any other purpose.

Intro Mag could lower the spray water pH.

The use of a pH buffer such as, AquaTech is recommended when tank mixing **Intro Mag** with other Agrochemicals that are susceptible to low pH conditions.

Do not apply Intro Mag:

- In a tank mix with Copper containing fungicides.
- Onto plants with Copper fungicide containing residues.
- Within 30 days after Copper containing fungicide applications.
- In a tank mix with products that contain high levels of phosphate or phosphonate.

Contact the Manufacturer or Crop advisor before tank mixing **Intro Mag** with other Agrochemicals.

Directions for use: (Use only as directed)

Use the lower rates as maintenance and the higher rate to correct deficiencies:

Crop	Rate/ha	Remarks
Berries: i. Blueberries, Blackberries, Raspberries	5 - 7 ℓ 5 - 7 ℓ	i. First application when deficiency occurs. ii. Do a second application 2 weeks later. Apply in 200 ℓ water/ha.
ii. Strawberries	3 - 5 ℓ 3 - 5 ℓ	i. First application when deficiency occurs. ii. Do a second application 2 weeks later. Apply in 200 ℓ water/ha.
Bulb, Tuber & Root Crops: i. Onions, Garlic	3 - 5 ℓ 3 - 5 ℓ	i. At onset of bulbing. ii. 14 days before harvesting. Apply in 400 ℓ water/ha.
ii. Potatoes, Sweet Potatoes	5 - 7 ℓ 5 - 7 ℓ 5 - 7 ℓ	i. 4 Weeks post emergence. ii. 6 Weeks post emergence. iii. 8 Weeks post emergence. Apply in 400 ℓ water/ha.
iii. Beetroot, Carrots	3 - 5 ℓ	i. Apply 6 weeks post emergence. Apply in 300 ℓ water/ha.
Cruciferae: Broccoli, Cabbage, Brussel Sprouts, Cauliflower	3 - 5 ℓ 3 - 5 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, Watermelons	4 - 6 ℓ	i. Apply 5 weeks post-transplant. Apply in 500 ℓ water/ha.
Grain Crops: i. Maize, Sorghum	4 - 6 ℓ	i. Apply 4 weeks post-transplant Apply in 200 ℓ of water
ii. Barley, Oats, Wheat	4 - 6 ℓ	i. Apply 30 days after emergence. Apply in 200 ℓ of water/ha.
Grapes: Table and Wine Grapes	5 - 7 ℓ 5 - 7 ℓ 5 - 7 ℓ	i. Apply at pea berry size. ii. Apply 2 weeks post pea. iii. A third application can. be done 14 days later if necessary. Apply in 500 -750 ℓ of water/ha.

Directions for use: (Use only as directed)

Use the lower rates as maintenance and the higher rate to correct deficiencies:

Crop	Rate/ha	Remarks
Leafy Vegetables: Lettuce, Spinach	3 - 5 ℓ 3 - 5 ℓ	i. Apply 2 weeks after successful transplant. ii. Apply 4 weeks post-transplant Apply in 200 ℓ of water/ha.
Legumes: Dry Beans, Peas, Other Beans	3 - 5 ℓ	i. Start application on onset of flowering Apply in 200 ℓ of water/ha.
Mediterranean Fruit: Figs, Olives, Pomegranates	4 - 6 ℓ	i. Apply 14 days post flowering after the first calcium application. Apply in 750 - 1500 ℓ of water/ha.
Nuts: i. Almonds	5 - 10 ℓ	i. 75% Petal fall Apply in 1000 - 2000 ℓ water/ha.
ii. Macadamia	5 - 10 ℓ 5 - 10 ℓ 5 - 10 ℓ	i. Apply on September flush ii. Apply during February iii. Apply during March during oil accumulation phase. Apply in 1500 -3000 ℓ water/ha.
iii. Pecan, Wall Nuts	5 - 10 ℓ	i. 2 Weeks post parachute stage (Middle October) Apply in 1000 - 2000 ℓ water/ha.
Oil Seed Crops: i. Groundnuts	3 - 5 ℓ	i. Apply 10 weeks post-plant during flowering. Apply in 200 ℓ of water/ha.
ii. Soy Beans	3 - 5 ℓ	i. Apply 1 week after R1 growth stage Apply in 200 ℓ of water/ha.
iii. Sunflower	3 - 5 ℓ	i. Apply at 90cm height. Apply in 200 ℓ of water/ha.
Pineapples	4 - 6 ℓ	i. Apply at blue flower stage (Middle February) Apply in 500 ℓ water/ha.
Pome fruit: Apples, Pears, Quinces	5 - 10 ℓ	i. Apply one week post petal drop. Apply in 1000 - 3000 ℓ water/ha according to Tree Row Volume.

Directions for use: (Use only as directed)

Use the lower rates as maintenance and the higher rate to correct deficiencies:

Crop	Rate/ha	Remarks
Solanaceous Crops: i. Chilies, Paprika, Peppers, Tomatoes	3 – 5 ℓ 3 – 5 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 of water/ha.
ii. Tobacco	3 – 5 ℓ	i. Apply as a full cover spray 3 weeks after transplant in 500 ℓ water/ha.
Stone Fruit: Apricots, Nectarines, Peaches, Plums	5 – 10 ℓ	i. Apply at 75% petal fall. Apply in 1000 – 2000 ℓ of water /ha.
Subtropical Fruit; i. Avocados	5 – 10 ℓ	i. Apply during November fruit fall preferably on new leaf growth Apply in 3000-5000 ℓ water/ha.
ii. Guavas	5 – 10 ℓ	i. Apply one week after flowering Apply in 1500 – 3000 ℓ water/ha.
iii. Lychees, Mangoes	10 – 15 ℓ	i. Apply on new growth just before flowering directed on the newly developed unopened flower trusses. Apply in 2000 ℓ water/ha.
iv. Citrus	10 – 15 ℓ 10 – 15 ℓ	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	3 – 5 ℓ	i. Start application from early fruit development stage and repeat applications if necessary at 10-14 day intervals. ii. Apply in a minimum of 500 ℓ water/ha.

Warranty:

Although this product has been extensively tested under large variety of conditions the registration holder does not warrant that it 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