

INTRO man



Reg. No.: B5283
(Act 36 of 1947)
Fertilizer Group 2

Intro Man is an Amino Acid chelated Manganese containing liquid fertilizer, specifically designed for use as a foliar feed to prevent and correct Manganese deficiencies.

Active Ingredient:

* Manganese	(Mn)	120 g/l	90 g/kg
Nitrogen	(N)	95 g/l	71 g/kg
Amino Acids		150 g/l	112 g/kg

* Amino Acid and Carbohydrate Chelated

SG (@ 20 °C) = 1.34 ± 0.02



Registered, Manufactured &
Distributed by:

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



Introlab
outperform the norm

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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.

Product Description:

- **Intro Man** is an amino acid complexed manganese containing liquid fertilizer.
- **Intro Man** is suitable for foliar application.
- **Intro Man** is recommended for use during plant growth periods, when the demand for manganese is high.
- The amino acid complexed manganese will enhance absorption in plants.
- **Intro Man** is readily taken up by plants.

Compatibility:

- **Intro Man** is compatible with most agricultural remedies.
- It is advisable to do a miscibility test prior to mixing with other agricultural products

Intro Man could lower the spray water pH.

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

Do not apply Intro Man:

- 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 Man** 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 Man** 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 Man** 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.

Warning:

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

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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	1 - 2 ℓ	i. Apply when sufficient leaf development for uptake. A second application may be necessary 14 days later. Apply in 300 ℓ water/ha
i. Strawberries	1 - 2 ℓ	i. Apply at green bud. A second application may be necessary 14 days later. Apply in 200 ℓ water/ha
Bulb, Tuber & Root Crops: i. Onions, Garlic	500ml - 1 ℓ	i. Apply at pencil stage. Apply in 200 ℓ water/ha.
ii. Potatoes, Sweet Potatoes	1 - 2 ℓ 1 - 2 ℓ	i. Apply 2 weeks post emergence. ii. For moderate to severe deficiencies do a second application 14 days later. Apply in 300 ℓ water/ha.
iii. Beetroot, Carrots	500ml - 1 ℓ 500ml - 1 ℓ	i. Apply 3 weeks after emergence. ii. For moderate to severe deficiencies do a second application 14 days later. Apply in 200 - 300 ℓ water/ha.
Cotton	1 - 2 ℓ	i. Apply 2 weeks post emergence. Apply in 200 ℓ water/ha
Cruciferae: Broccoli, Cabbage, Brussel Sprouts, Cauliflower	1 - 2 ℓ 1 - 2 ℓ	i. Apply at 4 - 6 leaf stage. ii. For moderate to severe deficiencies do a second application 14 days later. Apply in 200 - 300 ℓ water/ha.
Cucurbits: Cucumbers, Marrows, Melons, Pumpkins, Baby marrows, Watermelons	1 - 2 ℓ	i. Apply at 4 weeks post emergence or transplant. Apply in 200 - 300 ℓ water/ha.

Directions for use: (Use only as directed)

Crop	Rate/ha	Remarks
Grain Crops:		
i. Maize, Sorghum	2 - 3 ℓ	i. Apply 4 weeks post emergence Apply in 200 ℓ water/ha
ii. Barley, Oats, Wheat	1 - 2 ℓ 1 - 2 ℓ	i. Apply at 4 - 6 leaf stage ii. In high pH soils a second application 14 days later is recommended Apply in 200 ℓ water/ha
Grapes:		
Table and Wine Grapes	1 - 3 ℓ 1 - 3 ℓ	i. Apply when flower buds start developing ii. Apply at fruit set Apply in 500 - 750 ℓ water/ha
Leafy vegetables:		
Lettuce, Spinach	1 - 2 ℓ	i. Apply 4 weeks post transplant Apply in 200 ℓ water/ha
Legumes:		
Dry Beans, Peas, Other Beans	1 - 3 ℓ	i. Apply 4 weeks post transplant Apply in 200 ℓ water/ha
Mediterranean fruit:		
Figs, Olives, Pomegranates	2 - 4 ℓ	i. Apply before flowering stage Apply in 750 - 1500 ℓ of water/ha
Nuts:		
i. Almonds	3 - 5 ℓ 3 - 5 ℓ	i. Apply at 100% petal drop ii. Apply directly post-harvest Apply in 1000 - 2000 ℓ of water/ha
ii. Macadamia	3 - 5 ℓ 3 - 5 ℓ 3 - 5 ℓ	i. Apply on Spring flush ii. Apply on Autumn flush iii. Avoid application during flowering period. Apply in a minimum of 1500 - 3000 ℓ of water/ha
iii. Pecan, Wall Nuts	3 - 5 ℓ	i. Apply middle January when nut fill takes place. Apply in 1000 - 2000 ℓ of water/ha

Directions for use: (Use only as directed)

Crop	Rate/ha	Remarks
Oil Seed Crops:		
i. Canola	1 - 2 ℓ	i. Apply 4 - 6 leaf stage Apply in 200 ℓ water/ha
ii. Groundnut	2 - 3 ℓ	i. Apply 21 days post emergence Apply in 200 ℓ water/ha
iii. Soya Beans	2 - 3 ℓ	i. Apply 21 days post emergence Apply in 200 ℓ water/ha
iv. Sunflower	2 - 3 ℓ	i. Apply at 90cm height Apply in 200 ℓ water/ha
Pastures and Lawns		
	3 - 4 ℓ	i. Apply when growth is sufficient enough to absorb nutrients. Allow at least 15cm regrowth after successive cuttings. Apply in a minimum of 300 ℓ water/ha. Withhold animal grazing for 10 days.
Pome fruit:		
Apples, Pears, Quinces	3 - 5 ℓ	i. Apply at 100% petal drop. On russet sensitive cultivars start application 6 weeks post flowering. Apply in 2000 - 3000 ℓ water/ha or according to Tree Row Volume.
Solanaceous Crops:		
i. Chillies, Paprika, Peppers, Tomatoes	1 - 2 ℓ 1 - 2 ℓ	i. Apply 4 weeks after establishment. ii. Apply 14 days later if necessary. Apply in 400 ℓ water/ha.
ii. Tobacco	2 - 3 ℓ	ii. Apply 2 weeks after successful transplant. Apply in 500 ℓ water/ha.

Directions for use: (Use only as directed)

Crop	Rate/ha	Remarks
Stone Fruit: Apricots, Nectarines, Peaches, Plums	3 - 5 ℓ 3 - 5 ℓ	i. Apply at 100% petal drop. ii. Apply directly post-harvest. Apply in 1000 – 2000 ℓ water/ha
Sugarcane, Ginger	2 - 3 ℓ	i. Apply when 60cm tall Apply in 300 ℓ water/ha
Subtropical Fruit: i. Avocados	3 - 5 ℓ	i. Apply on Spring or Summer flush. Apply in 3000 – 5000 ℓ water/ha
ii. Citrus	3 - 5 ℓ 3 - 5 ℓ	i. Apply on Spring flush. ii. Apply on Autumn flush. Apply in 1000 – 4000 ℓ water/ha or according to Tree Row Volume.
iii. Guavas	2 - 4 ℓ	i. Apply prior to flowering. Apply in 1500 – 3000 ℓ water/ha
iv. Lychees, Mangoes	3 - 5 ℓ 3 - 5 ℓ	i. Apply just prior onset of flowering. ii. Apply on Autumn flush. Apply in 2000 ℓ water/ha
Other Crops	2 - 3 ℓ	One application. Apply in a minimum of 500 ℓ water/ha. Do not apply during flowering stage.

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