



# INTRO

## multi-trace



Reg. No.: B5284  
(Act 36 of 1947)  
Fertilizer Group 2

**Intro Multi-trace** is an Amino Acid chelated micro-nutrient containing fertilizer, specifically designed for use as a foliar feed to prevent and correct micro-nutrient deficiencies.

### Active Ingredients:

Boron	(B)	5 g/l	4 g/kg
* Copper	(Cu)	15 g/l	12 g/kg
* Iron	(Fe)	15 g/l	12 g/kg
* Manganese	(Mn)	25 g/l	19 g/kg
* Zinc	(Zn)	50 g/l	38 g/kg
Nitrogen	(N)	19 g/l	15 g/kg
Sulphur	(S)	58 g/l	45 g/kg
* Molybdenum	(Mo)	0.28 g/l	0.22 g/kg
Amino Acids		100 g/l	77 g/kg

\* Amino Acid and Carbohydrate Chelated

SG (@ 20 °C) = 1.30 ± 0.02

**Registered, Manufactured & Distributed by:**

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

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**Introlab**  
outperform the norm

Version: Nov 2018

[www.introlab.co.za](http://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 Multi-trace** is an amino acid complexed micro-nutrient containing liquid fertilizer, for use during plant growth periods when the demand for micro-nutrients is high.
- Micro-nutrients are complexed with amino acids that enhance absorption by plants.
- **Intro Multi-trace** is suitable for foliar applications.

## Compatibility:

- **Intro Multi-trace** is compatible with most agricultural remedies.
- It is however advisable to do a miscibility test prior to mixing **Intro Multi-trace** with other agricultural products.
- Do not apply **Intro Multi-trace** within 21 days after application of any copper fungicides.
- **Intro Multi-trace** could lower the pH of the spray water.

## 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 Multi-trace** should preferably be applied in the early morning or late afternoon.
- Consult your chemical distributor, consultant or the registration holder should crop specific programs be required, or if any additional information and guidance is required concerning the use of this product.
- For optimum results **Intro Multi-trace** should be used in a balanced plant nutrition program.
- Do not apply to plants that are undergoing moisture or heat stress.
- Ensure good even coverage of the plants.
- Use the lower dosage rate as a maintenance application and the higher rate to correct deficiencies.

## Warning:

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

## Directions for use: (Use only as directed)

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

Crop	Rate/ha	Remarks
<b>Berries:</b> i. Blueberries, Blackberries, Raspberries	750 ml - 1 ℓ  750 ml - 1 ℓ	i. Apply when sufficient leaf development for uptake  ii. Apply 14 days later Apply in 300 ℓ water/ha
i. Strawberries	500 - 750 ml 500 - 750 ml	i. Two weeks after transplant ii. Apply 14 days later. Apply in 200 ℓ water/ha
<b>Bulb, Tuber &amp; Root Crops:</b> i. Onions, Garlic	1 - 2 ℓ  1 - 2 ℓ 1 - 2 ℓ  1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ	i. Apply at 14 days post 2-3 leaf stage. Apply in 200 ℓ water/ha ii. Apply at pencil stage. Apply in 200 ℓ water/ha iii. Apply 14 days post pencil stage. Apply in 200 ℓ water/ha iv. Apply at onset of bulbing. Apply in 400 ℓ water/ha v. Apply 14 days later. Apply in 400 ℓ water/ha vi. Apply 14 days later. Apply in 400 ℓ water/ha vii. Apply 14 days later. Apply in 400 ℓ water/ha
ii. Potatoes, Sweet Potatoes	1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ	i. Apply 2 weeks post emergence in 300 ℓ water/ha ii. Apply 6 weeks post emergence in 400 ℓ water/ha iii. Apply 8 weeks post emergence in 400 ℓ water/ha iv. Apply 10 weeks post emergence in 500 ℓ water/ha v. Apply 12 weeks post emergence in 500 ℓ water/ha
iii. Beetroot, Carrots	1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ	i. Apply 3 weeks after emergence in 200 ℓ water/ha ii. Apply 5 weeks after emergence in 300 ℓ water/ha iii. Apply 7 weeks after emergence in 300 ℓ water/ha
<b>Cotton</b>	1 - 2 ℓ 2 - 2.5 ℓ  2 - 2.5 ℓ	i. Apply two weeks after emergence in 200 ℓ water/ha ii. Apply six weeks after emergence at first square development in 200 ℓ water/ha iii. Apply 9 weeks after emergence at flowering in 200 ℓ water/ha
<b>Cruciferae:</b> Broccoli, Cabbage, Brussel Sprouts, Cauliflower	1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ	i. Apply 2 weeks post-transplant in 200 ℓ water/ha ii. Apply 5 weeks post-transplant in 300 ℓ water/ha iii. Apply 9 weeks post-transplant in 300 ℓ water/ha

## Directions for use: (Use only as directed)

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<b>Cucurbits:</b> Cucumbers, Marrows, Melons, Pumpkins, Baby marrows, Watermelons	1 - 2 ℓ	i. Apply 5 weeks post emergence or transplant in 300 ℓ water/ha
<b>Grapes:</b> Table & Wine Grapes	1 - 2 ℓ 2 - 3 ℓ 1 - 2 ℓ 2 - 3 ℓ 1 - 2 ℓ	i. Apply at 10cm shoot length ii. Apply at 20 - 30cm shoot length iii. Apply when flower buds start developing iv. Apply at pea berry size v. Apply at berry discolouration Apply in 500 -1000 ℓ water/ha
<b>Grain Crops:</b> i. Maize, Sorghum	1 - 2 ℓ 2 - 4 ℓ	i. Apply 4 weeks post emergence in 200 ℓ water/ha ii. Apply at tasseling via overhead irrigation
ii. Barley, Oats, Wheat	1 - 2 ℓ 2 - 3 ℓ	i. 30 Days after emergence ii. Flag leaf Stage Apply in 200 ℓ water/ha
<b>Leafy vegetables:</b> Lettuce, Spinach	500 - 750 mlℓ	Apply 3 weeks after emergence or transplant in 200 ℓ water/ha
<b>Legumes:</b> Dry Beans, Peas, Other Beans	1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ 1 - 2 ℓ	i. Apply 14 days post emergence ii. Apply at flowering iii. 7 days post flowering flush iv. 21 Days post flowering flush Apply in 200 ℓ water/ha
<b>Mediterranean fruit:</b> Figs, Olives, Pomegranates	1 - 2 ℓ 1 - 2 ℓ	i. Apply before flowering stage ii. Apply 4 just after flowering Apply in 750 - 1500 ℓ of water/ha
<b>Nuts:</b> i. Almonds	2 - 4 ℓ 2 - 4 ℓ	i. Apply at bud burst. ii. Apply at 100% petal drop ii. Apply directly post-harvest Apply in 1000 - 2000 ℓ of water/ha
ii. Macadamia	2 - 4 ℓ 2 - 4 ℓ 2 - 4 ℓ	i. Apply at first flush after flowering. ii. Apply middle December. iii. Apply middle January. Apply in a minimum of 1500 - 3000 ℓ of water/ha
iii. Pecan, Wall Nuts	2 - 4 ℓ	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
<b>Oil Seed Crops:</b>		
i. Canola	1.5 - 2 ℓ	i. Apply 4 – 6 weeks post emergence. Apply in 200 ℓ water/ha
ii. Groundnuts	1 - 2 ℓ 2 - 3 ℓ	i. Apply 6 weeks post planting (Flowering) ii. Apply 10 Weeks post planting (Flowering) Apply in 200 ℓ water/ha
iii. Soy Beans	1 - 2 ℓ 2 - 3 ℓ 1 - 2 ℓ	i. Apply 1 week after stage R1. i. Apply at R3 growth Stage. iii. Apply 2 weeks after R3 growth Stage. Apply in 200 ℓ water/ha
iv. Sunflower	1 - 2 ℓ 1 - 2 ℓ	i. Apply at 90cm height ii. Apply at seed fill. Apply in 200 ℓ water/ha
<b>Pastures and Lawns</b>	1 - 2 ℓ	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.
<b>Pineapples</b>	1 - 2 ℓ 1 - 2 ℓ	i. Apply at Blue flower stage (middle February) ii. Apply 2 weeks after Dead Flower (end March). Apply in 200 ℓ water/ha
<b>Pome fruit:</b> Apples, Pears, Quinces	2 - 3 ℓ 2 - 3 ℓ 3 - 4 ℓ	i. Apply one week post green point ii. Apply at 100% petal drop iii. Apply directly post-harvest Apply in 2000 - 3000 ℓ water/ha or according to Tree Row Volume.
<b>Solanaceous Crops:</b>		
i. Chilies, Paprika, Peppers, Tomatoes	1 - 2 ℓ 2 - 3 ℓ 2 - 3 ℓ	i. Apply 4 weeks after establishment ii. Apply 6 weeks after establishment iii. Apply 12 weeks after establishment Apply in 400 ℓ water/ha
ii. Tobacco	1 - 2 ℓ 2 - 3 ℓ	i. Apply 2 weeks after successful transplant. ii. Apply 8 weeks after transplant Apply in 500 ℓ water/ha
<b>Stone Fruit:</b> Apricots, Nectarines, Peaches, Plums	1 - 2 ℓ 2 - 3 ℓ 2 - 4 ℓ	i. Apply at bud burst ii. Apply at 100% petal drop iii. Apply directly post-harvest Apply in 1000 - 2000 ℓ water/ha

## Directions for use: (Use only as directed)

Crop	Rate/ha	Remarks
<b>Sugarcane</b>	1 – 2 ℓ	i. Apply at 4-6 leaf stage. Apply in 300 ℓ water.
<b>Subtropical Fruit:</b> i. Avocados	2 – 3 ℓ 3 – 4 ℓ	i. Apply when new flower truss start to develop. ii. Apply in 3000 – 5000 ℓ water/ha
ii. Guavas	2 – 3 ℓ	i. Apply just prior flowering. Apply in 1500 – 3000 ℓ of water/ha
iii. Lychees, Mangoes	2 – 3 ℓ 3 – 4 ℓ	i. Apply just prior the onset of flowering ii. Apply at autumn flush Apply in 2000 ℓ water/ha
iv. Citrus	3 – 4 ℓ	i. 2-4 Weeks post 100% petal fall Apply in 1000 – 4000 ℓ water or according to tree row volume
<b>Other Crops</b>	1 – 2 ℓ	i. Do 2-3 applications with 14 day intervals. 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