

# mature

#### DIRECTIONS FOR USE:

- For optimum results IntroSol Mature should be used in combination with the other IntroSol range of fertilizers as part of a balanced fertilizer program.
- The dosage rate is dependent on the soil fertility.
- The lower rates should be used for maintenance while the higher rates should be used to correct nutritional deficiencies.
- Use the lower dosage rate on younger plants and increase the rate as the plants mature.

#### RECOMMENDED DOSAGE RATE:

CROP	RATE PER HECTARE	RATE PER 100L WATER	REMARKS
<b>FOLIAR FEEDING:</b>			
<b>FIELD CROPS:</b> Canola, Wheat, Maize, Sunflower, Soybeans, Groundnut, Cotton, Tobacco, Potatoes, Lucerne, Pastures.	2-5 kg	1-2 kg	Apply as a full cover spray at 1 – 2 week intervals during the flowering and fruiting period and/or when the requirement for potassium is high.
<b>VEGETABLE CROPS:</b> Lettuce, Beans, Brassica, Cucurbits, Garlic, Onions, Peppers, Peas, Tomato, Celery, Beetroot, Carrot, Strawberries.	Aerial Application: 1-3 kg	1-3 kg/ 30L water	Alternate with <b>IntroSol Harvest</b> to promote effective photosynthesis and to ensure good quality of crop.
<b>ORNAMENTAL CROPS:</b> Roses, Clivia, Gardens			
<b>POME AND STONE FRUIT:</b> Apples, Pears, Nectarines, Peaches, Persimmons, Plums, Apricots, etc.	6-8 kg	1-2 kg	Apply as a full cover spray at 1 – 2 week intervals during the flowering and fruiting period and/or when the requirement for potassium is high.
<b>SUBTROPICAL FRUIT:</b> Citrus, Avocados, Litchis, Mangoes, Bananas, Pineapples, etc.	Aerial Application: 1-3 kg	1-3 kg/ 30L water	Alternate with <b>IntroSol Harvest</b> to promote effective photosynthesis and to ensure good quality of crop.
<b>NUT TREES:</b> Macadamia, Almond, Walnut, Pecan, etc.			
<b>OTHER:</b> Olives, Grapes, Figs, Pomgranates, etc.			
<b>FERTIGATION:</b>			
<b>ALL CROPS</b>	10 - 20 kg	0.25-2 kg	Use lower concentrations for seedlings and increase the rate as the plants mature.
<b>DRENCH:</b>			
<b>ALL CROPS</b>		1% solution (1 kg/100L water)	Apply as a soil drench to seedbeds/seedling trays or 0.5 – 1L mixture into the planting hole.

Consult with your chemical distributor, consultant or manufacturer should crop specific programs or any other information be required around the use of the IntroSol range fertilizers.



Registered, Manufactured and Distributed by:  
**INTROLAB (PTY) LTD**  
(Reg. No. 2005/039779/07)  
12 Oudepost Street, Wellington Industrial Park  
Wellington, South Africa, 7655  
Tel: +27 21 8642145/6 | Email: info@introlab.co.za

www.introlab.co.za

introsol

mature



# introsol

## mature

A water soluble crystalline fertilizer with Macro-and-Micro elements for foliar feeding and fertigation.

South Africa Reg. No. K10258 (Act 36 of 1947)  
Zimbabwe Reg.No. 377/16

3:1:6 (44) / 15:11:30

Fertilizer Group 1



25kg

Nitrogen (N)	147 g/kg
Phosphorous (P)	49 g/kg
(P <sub>2</sub> O <sub>5</sub> )	112 g/kg
Potassium (K)	249 g/kg
(K <sub>2</sub> O)	300 g/kg
Sulphur (S)	26 g/kg
Magnesium (Mg)	2.5 g/kg
Zinc* (Zn)	1020 mg/kg
Iron* (Fe)	1014 mg/kg
Manganese* (Mn)	819 mg/kg
Copper* (Cu)	210 mg/kg
Boron (B)	756 mg/kg
Cobalt* (Co)	65 mg/kg
Molybdenum (Mo)	55 mg/kg

\*EDTA Chelated

Batch Number:

Date of Production:

Date of Expiry:



# introsol

#### PRODUCT DESCRIPTION:

IntroSol Mature is a completely water-soluble chlorine free fertilizer/foliar feed.

IntroSol Mature is recommended for use during growth periods that require higher levels of Potassium to promote Flowering, fruit set and general plant turgor.

IntroSol Mature is readily taken up by the plant and ideally suited for:  
- FOLIAR FEEDING – to supplement the efficacy of soil applied fertilizers.  
- FERTIGATION – for application via the drip or irrigation systems.

#### PRECAUTIONS:

- Do not eat, drink or smoke whilst applying or preparing the spray mix.
- Avoid contact with eyes by wearing appropriate face protection.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Avoid contamination with animal drinking water sources

#### WARNINGS:

- Store in a cool, dry place away from food and feeds.
- Keep out of reach of children, unformed persons and animals.
- Never use the packaging material for any other purpose.

#### COMPATIBILITY:

- If IntroSol Mature is to be mixed with other agricultural remedies, the standard mixing procedure for that substance should be followed.
- Do not apply IntroSol Mature with products containing high levels of Calcium or Copper.

#### APPLICATION AND MIXING INSTRUCTIONS:

- IntroSol Mature should preferably be applied in the early morning or late afternoon.
- Do not apply IntroSol Mature to plants that are undergoing periods of moisture or heat stress.
- Ensure that the spray equipment is properly calibrated, in good working condition.
- Ensure that spray equipment is clean, nozzles are in good working condition and free from other products before use.
- Always use clean water that is not murky and free from organic material.

#### Fertigation:

- For sprinkler irrigation use the higher dosage rates.

#### Foliar Feeding:

- Foliar feeding are not replacements for soil fertilizers, but serve to supplement the uptake and efficacy of nutrients via the roots.
- Ensure good coverage of the whole plant.

#### WARRANTY:

Although this product has been extensively tested under a 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 soil, climatic and storage conditions, quality of dilution water, compatibility with other substances as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal or for lack of performance of the product concerned due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

mature

introsol