



## Troforte<sup>®</sup> Liquid All Purpose

### 25-1.7- 7 + TE

#### TYPICAL ANALYSIS

##### MACRO ELEMENTS

<b>Total Nitrogen (N)</b>	<b>25.00</b>	<b>%w/v</b>
Ureic Nitrogen	10.10	%w/v
Nitrogen (N) as polymeric Methylene urea (MU)	14.51	%w/v
as Nitrate	0.39	%w/v
<b>Total Phosphorus (P)</b> as Mono Potassium Phosphate	<b>1.70</b>	<b>%w/v</b>
<b>Total Potassium (K)</b>	<b>7.00</b>	<b>%w/v</b>
as Potassium Nitrate	1.17	%w/v
as Mono Potassium Phosphate	5.83	%w/v

##### TYPICAL PROPERTIES

Specific Gravity at room temperature	1.21
pH	9.7
Salting-Out Temperature, °C	<0
Freezing Point, °C	<0
Viscosity at 20°C (mPa.s)	10 - 40
Electrical Conductivity of 1% solution in water at 20 °C (mS/cm)	5600
Appearance	Brown resinous solution

##### NPK EQUIVALENTS

- 1 Lt. of product = 1.21 Kg = 250 grams of Nitrogen  
17 grams of Phosphorus  
70 grams of Potassium

##### MIXING PROCEDURES WHEN TANK MIXING

1. Add 1/2 of total water to spray tank;
2. Start circulating material in tank;
3. Add recommended amount of liquid Troforte<sup>®</sup> Liquid All Purpose\*\*;
4. Add compatible micronutrients, if needed;
5. Add eventual flowable materials
6. Add any eventual soluble product, however, it should be pre-dispersed in water before adding to the spray tank.
7. Complete filling of spray tank to the desired water volume and continue circulating prior to and during spraying out;
8. Flush tank and nozzles after usage.

\*\* For specific crop application rates, please contact Langley Fertilizers or your Troforte farm consultant.  
For technical support, phone Paul (Mob: 0456 716 061)

#### SPECIAL FEATURES OF TROFORTE<sup>®</sup> LIQUID N-FOLIAR:

- Troforte<sup>®</sup> Liquid All Purpose is a slow release liquid NPK fertilizer solution containing about 60% of N as liquid polymethylene-urea (Mu) and fortified with a uniquely extracted seaweed concentrate containing essential amino acids and trace micronutrients (eg B, Cu, Co, Ca, Fe, Mg, Mn, Si, S, and Zn).
- Troforte<sup>®</sup> Liquid All Purpose ensures crop safety while assisting in nitrogen absorption (high Nitrogen Use Efficiency), translocation and remobilization when used on agricultural crops including vegetable, fruit, nut and field crops.
- To be applied as a foliar spray to enhance growth, quality of crop and to correct nitrogen deficiencies.
- Troforte<sup>®</sup> Liquid All Purpose provides excellent crop safety (e.g. no crop damage or leaf scorch) and helps promote uniform growth through:
  - ◇ Low salt index; and
  - ◇ the resinous nature of the elevated levels of seaweed extract also contributes to the buffering capacity along with bio-stimulatory phytohormones and micronutrients
- The normal nitrogen release pattern of Troforte<sup>®</sup> Liquid All Purpose is three to four weeks:
  - ◇ some of the nitrogen is available and can be found inside the crop within 6 to 8 hours of application.
  - ◇ due to the resinous characteristics, a high percentage of the nitrogen remains on the leaf surface - allowing it to form a rain-fast coating that lasts for weeks until it is absorbed by the leaf.
  - ◇ Mode of action – through Biological and photo-degradation and uptake by foliage.
- Troforte<sup>®</sup> Liquid All Purpose is compatible with many soluble fertilizers and micronutrient, as well as many crop protection chemicals.
- Troforte<sup>®</sup> Liquid All Purpose contains 250 grams of safe Nitrogen per litre.
- Apply with sufficient water to achieve adequate plant coverage, avoid application when temperatures are above 30°C and relative humidity is below 30%
- Langley Fertilizers recommends a jar test to check the compatibility in all spray combinations. Care should be taken to not blend Troforte<sup>®</sup> Liquid All Purpose with highly acidic or alkaline materials.