LANGLEY FERTILIZERS

Troforte® Liquid Lawn Food

Liquid Slow Release Nitrogen Fertiliser N28

GUARANTEED ANALYSIS

MACRO ELEMENTS

Total Nitrogen (N)	**28.00**	**%w/v**
Ureic Nitrogen	11.50	%w/v
Nitrogen (N) as polymeric Methylene urea (MU)	16.50	%w/v
Total Phosphorus (P)	**0.40**	**%w/v**
Total Potassium (K)	**0.60**	**%w/v**

TYPICAL PROPERTIES

Specific Gravity at room temperature	1.24 - 1.26
pH	9.5 - 10.5
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)	0.005 - 0.01
Appearance	Brown resinous solution

NITROGEN EQUIVALENTS

- 1 Lt. of product = 1.25 Kg = 280 grams of Nitrogen
- 1 kg of Nitrogen = 3.57 Lt. of product

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 Troforte® Liquid Lawn Food product**;
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® LIQUID LAWN FOOD:

- Troforte® Liquid Lawn Food is a slow release liquid Nitrogen fertilizer solution containing about 60% of N as liquid polymethylene-urea chains 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® Liquid Lawn Food 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® Liquid Lawn Food 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® Liquid Lawn Food 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® Liquid Lawn Food is compatible with many soluble fertilizers and micronutrient, as well as many crop protection chemicals.
- Troforte® Liquid Lawn Food contains 280 grams of safe Nitrogen per litre.
- Apply with sufficient water to achieve adequate plant coverage, avoid application when temperatures are above 30ºC 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® Liquid Lawn Food with highly acidic or alkaline materials.

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