

## Advantages of CalNit<sup>®</sup> FORT

- **High purity:** CalNit<sup>®</sup> FORT free of chlorine compound, sodium and heavy metals.
- **Fully water Soluble:** CalNit<sup>®</sup> FORT is a free flowing, prills/granulated product that dissolve quickly in water.
- **Compatibility:** CalNit<sup>®</sup> FORT can be mixed with all water soluble fertilizers, except stock solution containing either phosphate or sulphate.
- **Application of CalNit<sup>®</sup> FORT** improves soil condition and is beneficial for Alkaline, Saline and sandy soils.
- **Calcium:**
  - cell wall strength.
  - Leading to better quality, shelf life and lifting marketable crop yields.
  - helping plants tolerate disease and insect infection.
  - Calcium & Nitrate is a Unique Combination. controls blossom end rot in tomato.
  - is used in fertigation of vegetables, soft fruits, flowers and other crops as the main Ca source.
- **Nitrate nitrogen:**
  - Directly available for plant uptake, resulting in fast growth.
  - No N-volatilization- readily available to plants.
  - Improves the plant uptake of the cations K<sup>+</sup>, Ca<sup>++</sup>, Mg<sup>++</sup>.



## Fertigation

CalNit<sup>®</sup> FORT is an indispensable component in all well balanced fertigation programs, both for soil grow crops & hydroponic systems. CalNit<sup>®</sup> FORT is the only chlorine free calcium source for fertigation. For intensive horticulture, Nitrate Nitrogen is the optimum Nitrogen source. A high NO<sub>3</sub> /NH<sub>4</sub> balance ensure sufficient uptake of Ca<sup>++</sup> & Mg<sup>++</sup> and prevents root degeneration. Especially at high soil temperature.

## Foliar application

Due to low risk of leaf burning (low EC - value) and wide compatibility with other fertilizers and pesticides, CalNit<sup>®</sup> FORT is recommended foliar application, CalNit<sup>®</sup> FORT can't be mixed with Sulfates and Phosphates. Foliar application with CalNit<sup>®</sup> FORT is an excellent way to supply additional Nitrogen and Calcium during critical physiological or environmental conditions.

## Properties of CalNit<sup>®</sup> FORT

Total nitrogen (N)	15.5%
Total nitrate nitrogen (NO <sub>3</sub> )	144% (min)
Total nitrate nitrogen (NH <sub>4</sub> )	11% (min)
Total Calcium (CaO)	26.5% (min)
Total Calcium (Ca)	18.8% (min)
Solubility (g/l at 25 °C)	1200
insoluble	< 0.1%
EC ( 1g/l at 25 °C, in mS/cm)	1.3
Form	crystalline odorless powder
Colour	white



## Bagging

- WPP with PE inert (resist tearing, easier to read, keep product drier, reduce caking problems)
- Available in: 25 Kg bags

For more information please contact local Distributor in your area, or contact us via E-mail: [info@adfert.ae](mailto:info@adfert.ae)

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