



Technical Data Bulletin

CALNIT PLUS

General Information:

CALNIT PLUS is 100% soluble suspension fertilizer. It contains high rate of Calcium in addition to Nitrogen, Magnesium. The presence of Calcium in Calnit Plus plays an important role in building cell walls thus enhancing its strength, durability and tolerance.

CALNIT PLUS treats physiological disorders resulting from calcium deficiency in plants. Like Blossom End Rot in tomato and watermelon, Fruit Spots in pepper and strawberry, Lodging in wheat, Low Yield in alfalfa, Bending in cucumber, fruits and Edge burning in lettuce leaves in addition to other physiological disorders on fruit trees especially apples and pears. **CALNIT PLUS** also contains Magnesium, which is vital for chlorophyll photosynthesis in plants and other easily available Nitrates.

Physiochemical properties

Appearance:	Dark green homogeneous viscous suspension free of visible lumps, with material at the bottom.
Density:	1.53 ± 0.05 g/ml
pH (as is basis):	5.5 ± 0.5



Typical Analysis (Macronutrients/Micronutrient)

Nutrients Contents in % (w/v)

Nitrogen (N):	16.0
Nitrate (N):	14.4
Ures (N):	1.6
Derived from Calcium Nitrate and Magnesium Nitrate.	
Calcium (Ca)	16.0
Derived from Calcium Nitrate.	
Magnesium (Mg)	1.8
Derived from Magnisum Nitrate.	

USE RECOMMENDATIONS:

Crop	Application Rate L/Acre	Notes
Cereals & Forages	2	Apply once every 2 - 4 weeks
Green House (Average Area 500 m ²)	0.5 – 1	Apply once every 2 - 4 weeks with drip irrigation
Open Field Crops	2	1 - 3 applications / month according to plants condition
Melons, Watermelons	1.25 – 2	1-2 application / 14 days prior to flowering until harvest
Fruit Tress	1.25 – 2	Apply 1-2 application / 14 days prior to flowering

- Foliar application: 250 - 500 ml / hl.
- Above rates are for general guidance and could be adjusted according to soil nature and crop conditions.

Safety & Handling

- Keep **CALNIT PLUS** in its original container and away from animals and pets.
- In case of eye contact, rinse the affected eye well with water.
- If swallowed, drink plenty of water and seek medical advice.
- Do not use empty packs for other purposes.
- Dispose of empty packs according to environmental guidelines in a manner which will not cause damage to the environment or water sources.
- Packing: 0.5, 1, 3.78, 4, 5, 10, 15, 20 and 25 Liters.