Sustainable Crop Nutrition



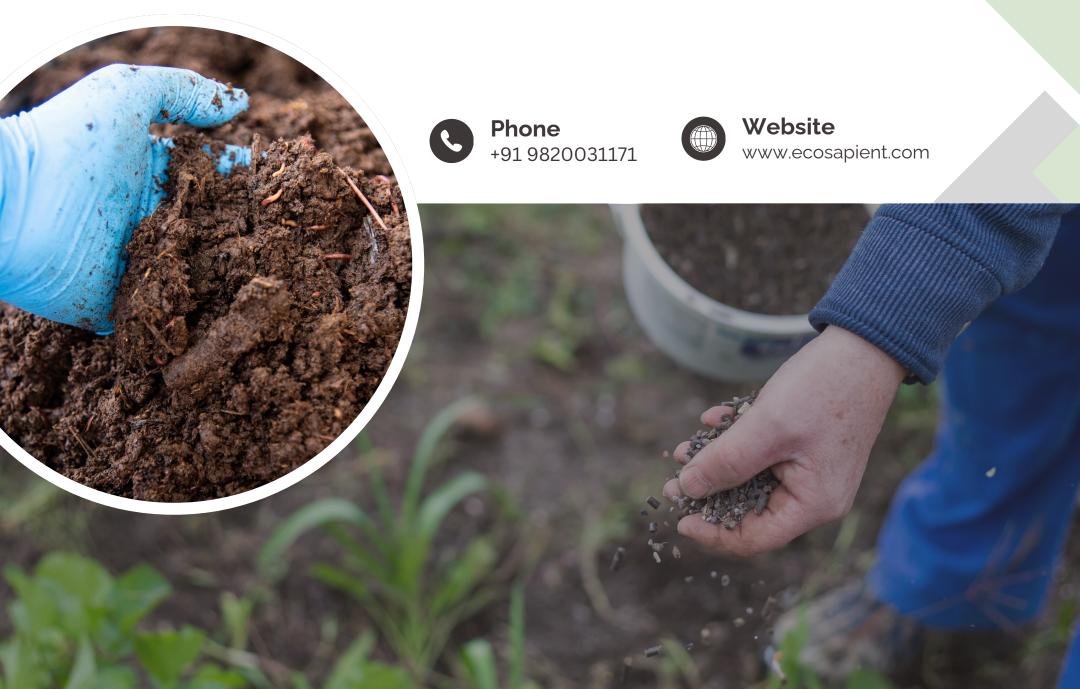
Revolutionizing agriculture with sustainable nanotechnology for higher yield and a greener future.

Boosts Crop Yield & Nutrient Uptake

Eco-Friendly & Sustainable

Cutting-Edge Innovation

Future of Agriculture



Calcium Nitrate (Ca:19.5%)

A water-soluble fertilizer providing essential calcium and nitrate nitrogen for stronger plants, better fruit quality, and higher yields.

Composition: Calcium-min 19.5%

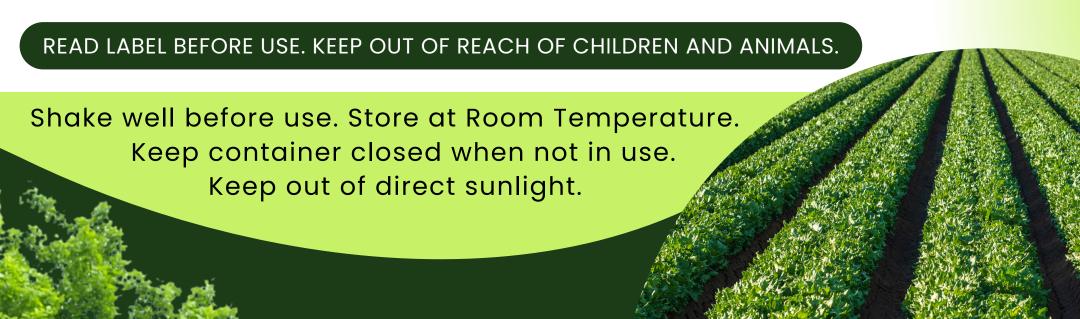
Compatabilty:

- Calcium Nitrate can be mixed with bio stimulants, 100% water soluble fertilizers, and agrochemicals.
- It is always advised to go for jar test before mixing and spraying for compatibility.

Relevant Substance:

Calcium Nitrate (CAS No: 10124-37-5)

Concentration: Calcium: 19.5%



Application Table

Fertigation:

Crop	application date	Min L/ha/season	Max L/ha/season
Fruit trees (adult)	As of floweringUntil fruit filling	20	50
Banana	As of plant establishmentUntil fruit filling	20	50
Citrus	Spring applicationWinter application	20	50
Potato	As of tuber settingUntil tuber ripening	10	20
Vineyards	As of leaf bud openingUntil vegetative growth	10	20
Fruit vegetables	As of 4 weeks after plantingUntil fruit filling	15	25

Foliar Application

Crop	application date	Min L/ha/season	Max L/ha/season
Banana	3 - 4 applications:As of vegetative growthUntil end of flowering10 - 14 days interval	0.5	1
Citrus	2 applications: • Spring application • During fruit setting	0.6	1
Pip fruit	 5 - 9 applications: As of fruit setting Until 6 weeks before harvesting 10 - 14 days interval 	0.5	1
Stone fruit	3 - 4 applications:As of fruit settingUntil fruit ripening10 - 14 days interval	0.3	0.6
Tomato	 3 - 4 applications: As of fruit setting Until 2 weeks before harvesting 10 - 14 days interval 	0.2	0.5
Vineyards (adult)	2 - 3 applications:As of fruit settingUntil fruit ripening10 - 14 days interval	0.4	0.6
Melon	2 - 3 applications:As of fruit settingUntil 2 weeks before harvesting10 - 14 days interval	0.2	0.5

Hazard Statements:

Harmful if swallowed.
Causes serious eye irritation.
Causes skin irritation.
May cause respiratory irritation.



Precautionary Statements:

- Keep out of reach of children.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Use only outdoors or in a well-ventilated area.
- If medical advice is needed, have container or label at hand.

Prevention:

Response (In Case of Accidental Spillage or Exposure, Emergency Response, and First-Aid):

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- IF ON SKIN: Wash with plenty of soap and water.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- METHODS FOR CLEANING UP: Absorb with inert, damp, non-combustible material and dispose properly.

Storage:

- Store in a well-ventilated place. Keep container tightly closed.
- Store away from incompatible materials (acids, oxidizing agents).

Disposal:

• Dispose of contents/container in accordance with local/regional/national/international regulations.

Shake well before use. Store at Room Temperature.
Keep container closed when not in use.
Keep out of direct sunlight.