

# 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



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# 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%

**Compatability :**

- ✓ 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%

READ LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

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

# Application Table

## Fertigation:

| Crop                | application date                                                                                             | Min L/ha/season | Max L/ha/season |
|---------------------|--------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| Fruit trees (adult) | <ul style="list-style-type: none"><li>• As of flowering</li><li>• Until fruit filling</li></ul>              | 20              | 50              |
| Banana              | <ul style="list-style-type: none"><li>• As of plant establishment</li><li>• Until fruit filling</li></ul>    | 20              | 50              |
| Citrus              | <ul style="list-style-type: none"><li>• Spring application</li><li>• Winter application</li></ul>            | 20              | 50              |
| Potato              | <ul style="list-style-type: none"><li>• As of tuber setting</li><li>• Until tuber ripening</li></ul>         | 10              | 20              |
| Vineyards           | <ul style="list-style-type: none"><li>• As of leaf bud opening</li><li>• Until vegetative growth</li></ul>   | 10              | 20              |
| Fruit vegetables    | <ul style="list-style-type: none"><li>• As of 4 weeks after planting</li><li>• Until fruit filling</li></ul> | 15              | 25              |

# Foliar Application

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



### **Hazard Statements:**

Harmful if swallowed.

Causes serious eye irritation.

Causes skin irritation.

May cause respiratory irritation.



Harmful

### **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.

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