

## Terranutrix CaB +

Liquid Calcium & Boron Fertilizer — Advanced Plant Nutrition



### 1. PRODUCT DESCRIPTION

TerraNutrix **CaB +** is a liquid formulation designed to supply readily available calcium and boron for improved flowering, fruit set, and fruit quality. Calcium builds strong cell walls and reduces physiological disorders, while boron is essential for pollen tube growth, sugar transport, and reproductive development. This dual-nutrient formula is particularly effective during critical reproductive growth stages across a wide range of crops.

### 2. GUARANTEED ANALYSIS

Calcium (Ca)	10.0% (w/v)
Boron (B)	1.0% (w/v)
pH	6.0 – 8.0

*Ca:B ratio optimized for fruit set, cell wall integrity, and pollen tube development*

### 3. PHYSICAL PROPERTIES

Appearance	Yellow liquid
Odor	Mild
Density	1.40 – 1.45 g/cm <sup>3</sup>
Solubility	Fully water soluble

### 4. KEY BENEFITS

- Improves flowering and fruit set percentage
- Reduces fruit cracking and physiological disorders
- Enhances cell wall strength and fruit firmness
- Supports calcium transport and mobility within plants
- Improves fruit quality and post-harvest shelf life

### 5. CA + B SYNERGY — WHY BOTH MATTER

- Ca: Builds cell walls — prevents blossom-end rot & cracking
- B: Essential for pollen germination & tube growth
- Ca: Strengthens fruit firmness & extends shelf life
- B: Regulates sugar transport & reproductive metabolism
- Ca: Reduces tip burn in leafy vegetables
- B: Corrects hollow stem in brassicas & field crops

### 6. APPLICATION RECOMMENDATIONS

#### FOLIAR APPLICATION

Rate: 1.0 – 2.0 L/ha  
Timing: Flowering & fruit set stages  
Frequency: Every 10 – 14 days

#### FERTIGATION

Rate: 3.0 – 5.0 L/ha  
Frequency: Every 10 – 14 days  
Tip: Most effective at flowering & cell division

### 7. APPLICATION TIMING

- Pre-flowering (preventive program)
- Flowering & pollination stage
- Early fruit set and cell division
- Rapid fruit growth phase

### 8. SUITABLE CROPS

- **Vegetables** — Tomato, Pepper, Cucumber, Leafy greens
- **Fruit Crops** — Citrus, Grapes, Apples, Berries
- **Field Crops** — Cereals, Legumes, Root crops
- **Greenhouse** — All protected cultivation systems

### 9. COMPATIBILITY

Compatible with most fertilizers and crop protection products.

#### AVOID mixing with:

Phosphate & sulfate fertilizers (high conc.)  
Always perform a jar test before mixing

### 10. STORAGE & SHELF LIFE

- Store in a cool, dry place
- Avoid direct sunlight
- Shelf life: 24 months (sealed)
- Do not freeze

### 11. PACKAGING

- 1 L
- 5 L
- 20 L
- 1000 L IBC
- Custom OEM available

**“Not just calcium. Not just boron. A synchronized Ca+B formula for flowering, fruit set, and fruit perfection.  
10% Ca + 1% B: two nutrients, one critical window — maximum fruit quality from flower to harvest.”**