

DIA-AGRI

# Meily Calcium



Fertilizer Registration Certificate No:  
Fer-Mfg(Micro) No.0799010

## Contents

Calcium oxide (water-soluble calcium oxide)	10% 3%
Silicon dioxide (water-soluble silicon dioxide)	4.5% 1.6%
Water-soluble magnesium oxide	1.5%
Water-soluble boron	0.4%
Zinc	0.4%

- Do your crops become perishable during hot and humid seasons?
- Can your crops endure the scorching sun?
- Are your flower drop, fruit drop, fruit crack occurrence significantly high during unfavorable conditions?

Due to climate change, the weather is extremely unstable, long seasons without rain or sudden rainstorm occurs, which results in root rot or fruit crack. Once the crop is injured, pathogens attack easily causing damage.

Precision fertilization – Meily Calcium contains Ca, Si, Mg, B, Zn in the golden ratio, targeted to strengthen the cell wall, maintain cell membrane integrity, regulate moisture in crops, aid in drought resistance, neutralizes organic acid and promote root growth. Packed with with nano calcium and nano silicon, it has prolonged-release effects and can simultaneously increase soil hydraulic conductivity and permeability. If immediate replenishment is needed, presence of water soluble nutrient species provides fast absorption, nutrients can be fully utilized.



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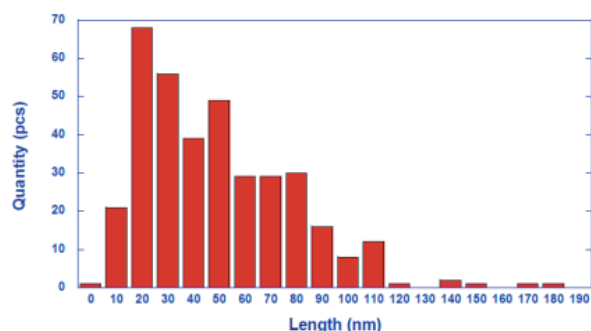
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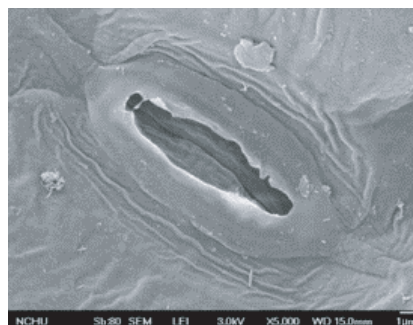
## Product Characteristics

1. Provides pure calcium source supplemented by trace elements such as silicon, magnesium, boron, etc., to completely assist the essential nutrients lacking in conventional base fertilizers.
2. The form of non-silicic acid slag eliminates the concerns regarding heavy metal. It is a safe material developed by nanotechnology, which can improve the food safety of agricultural products.
3. Low dosage and high efficiency. The carrier mode of ionized calcium in plants can drive the utilization rate of other nutrients and improve the overall nutrient absorption efficacy.

## Size distribution bar chart



Tiny particles, with an average of 54 nm.



Particles smaller than stoma, does not cause blockage.

## Recommended application timing and method

Application timing	Application method	Dilution	Application frequency
Seeding stage	Foliar spray/ Root drench	800 times	Apply once every 10-14 days according to needs.  Application after trimming, hot weather, continuous rain have significant effects.
Vegetative stage		500 - 800 times	
Reproductive stage			
Maturity stage			

1. Manufactured with proprietary nanotechnology, Meily Calcium is able to adsorb to soil particles after root drench, and slowly release calcium with root acid secretion or rainwater, providing prolonged effects.
2. Meily Calcium contains micronutrients that plant needs, such as magnesium, boron, zinc and silicon, apply periodically to prevent growth disorders.
3. Meily Calcium can be used during initial growth stages to promote root growth and strengthen crop development.
4. Usage of Meily Calcium with foliar spray does not block the stomata, crops can absorb nutrients easily with better utilization.

Adequate supplement of essential trace elements during plant growth periods will promote the efficacy of nutrient absorption, which is good for crops health, and can decrease loss resulted from plant disease and insect pests.



## Cautions

1. No blending agent is added, precipitation is a natural phenomenon, please stir/shake well before use.
2. It is recommended to use solely. If mixed with other pesticides and fertilizers, please dilute before mixing. Do not mix with copper-containing pesticides and fertilizers.
3. If it has not been used up, please keep a little water on the liquid surface to avoid hardening. Store in a cool place, avoid high temperature and sunshine.