



## Agronomic Special Report

### Achieving Results Requires a High-Performance Foliar Calcium Fertilizer: Póma!

Calcium absorption occurs passively, primarily through water uptake by plant roots. However, water absorption and circulation in plants are closely tied to foliar transpiration.

It is well known that basal and middle leaves transpire more than young leaves and fruits. Consequently, these leaves absorb the most calcium. Since calcium is immobile, once deposited and fixed in older tissues, it cannot be redistributed to younger leaves, fruits, or storage organs. This immobility leads to issues such as tip burn in growing points, blossom-end rot in fruits, and hollow heart or brown heart in tubers, particularly during periods of rapid growth.

Prolonged heatwaves or waterlogged conditions can also cause calcium deficiencies. Some crops are more sensitive to calcium deficiency and require regular preventive foliar calcium supplementation.

Calcium is essential for forming and strengthening plant cell walls. Fruits and vegetables rich in calcium are firmer, less prone to disease, and have a much longer shelf life.

For these reasons, regular and well-targeted foliar calcium applications are crucial to reducing losses and improving harvest quality.

Póma is a liquid foliar fertilizer made with calcium acetate, a very small molecule accompanied by a multifunctional adjuvant (adhesive, penetrant, wetting agent, anti-foaming agent, and surfactant). This ensures calcium stays in solution on the leaf longer without being washed off, facilitating its penetration into the plant. Póma is specially designed to prevent and correct nutritional imbalances caused by calcium deficiency or poor calcium assimilation.

The calcium in Póma is chelated with acetic acid, a natural compound found in all living organisms. It is non-toxic and actively participates in several plant metabolic processes. Póma is a chlorine- and nitrogen-free solution, minimizing the risk of foliar burn.

Using Póma guarantees both effectiveness and safety.

