

Cell Power® K25 (2-0-25)

Technical



Building Foundations

Potassium requirements during pod fill, fruit set, nut sizing and bulking and other key physiological stages of development for many crops is very important. Potassium plays a key role in sugar (brix) production and movement into the sink tissue where it is required. Brix is an important measure of the stored soluble solids in root crops like potatoes and sugar beets. This powerful blend of urea, potassium carbonate and cytokinin derived from *Ascophyllum nodosum* provides a great way of supplying extra potassium as a foliar spray to most of these crops during this high K demand period. The cytokinin derived from seaweed is present to help increase the cell division in the harvestable portion of the crops mentioned above.



Analysis

Potassium carbonate is associated with the movement of water, nutrients and carbohydrates in plant tissue. It's involved with enzyme activation within the plant, which affects protein, starch and adenosine triphosphate (ATP) production. The production of ATP can regulate the rate of photosynthesis.

Potassium carbonate also helps regulate the opening and closing of the stomata, which regulates the exchange of water vapor, oxygen and carbon dioxide between plants and the atmosphere. If K is deficient or not supplied in adequate amounts, it stunts plant growth and reduces yield.

Timings & More

The primary role of potassium within the plant is as a water regulator and influencer in the plant processes. It is critical in the regulation of cell water content, cell integrity and plant transpiration rates. Translocation of photosynthates and a number of plant enzymes all are potassium dependent.

Use CELL POWER® K25 as foliar spray as needed to increase sugar production and movement into target sink tissue.



pioneering plant health
through nutrition

Have a question?
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