

# Cell Power® Leaf Act #1 (3-13-17) Technical



## Building Foundations

Phosphorus is one of the inorganic macronutrients needed by all plants for the manufacture of phosphate-containing nucleic acids, ATP and membrane lipids. Soils that have been heavily used for agricultural crops are often deficient in phosphorus, as are acid sandy and granitic soils.

Nitrogen and phosphate ratios are particularly important to the developing crop during the early vegetative stages. Deficiencies of phosphate will negatively affect the root development, vigor and overall crop yield, especially when transplants are taken from the greenhouse environment and placed in the field.

Crop production in soils that are nutritionally depleted or when the soil moisture prevents adequate movements of nutrients in the root zone will require early applications of OMEX® CELL POWER® Leaf Act #1.



## Benefits and Analysis

Plug transplants are often raised in small cell multi-packs (plugs) in the greenhouse. These small cells have very little soil to support and maintain the seedlings. They require frequent watering and fertilization to sustain growth in the greenhouse. Upon transplanting these small plugs will not only need water, but also a properly balanced base of nutrition.

The nutrient balance of Leaf Act 1 (3-13-7) provides the proper ratio of 1-4-2 NPK ratio to sustain transplants as they acclimatize to their new environment in the field program.

## Timings, Rates and Understanding:

Read and follow label specific guidelines for the application and use of **Cell Power® Leaf Act #1**. Crop specific recommendations are on the product label. Consult the label for further use instructions or contact **OMEX® USA**.



Have a question?

Contact our team

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