

## How does the patented technology work?

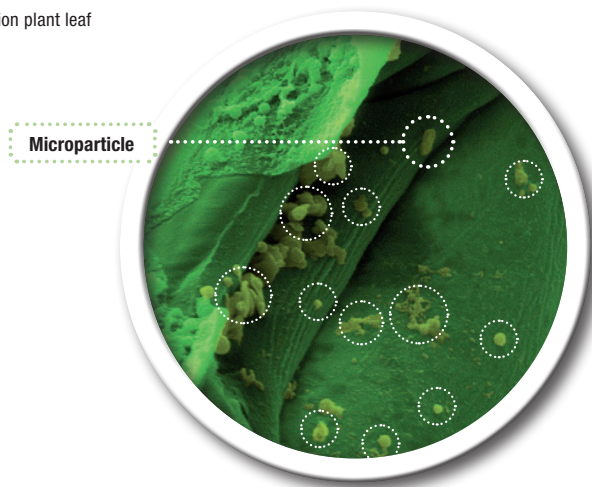
The patented technology refers to possibly combine solid substances (microparticle) and liquids with each other in a certain manner, which ensures that they do not impede themselves in their effect (**isolation of microparticles**).

**Here act the microparticles primarily as sequestrant.**

In the formed complex the microparticles undertake a carrier function for the various active substances, which develop their own distinct effect inside the leaf. As a result, the micronutrients arrive more promptly where they are required. This technology is applied bei 4Plants-product group and by the AGROSOL liquid.

**Through the new patented technology all active agents are able to act autonomously, where they are required from the plants.**

Cross-section plant leaf (enlarged)



### FUNCTION:

After the product is applied on the surface of the leaf as a fine spray mist, it permeates through the stoma of the leaf (scientifically proven/University Kiel) and - as far as the liquid agents are concerned - through the cuticle in the interior of the plant.

The plant will be to more photosynthesis stimulated through the absorption of minerals, namely there will be more glucose and proteins produced. The liquid agents stimulate the entire plant growth and make them resilient against stress and diseases. Furthermore the formulations from 4Plants-product group are adjusted to the nutrient requirements of the most important cultivated plants. In addition to that the plant can soil nutrients more easily absorb and utilize.

**The patented technology increases the absorption of main- and micronutrients.**

**= BETTER NUTRIENT EFFICIENCY!**