



How to Avoid Draining, Dripping and Run-Off Problems

Natural and Functional Fiber Agents for the Production of Fertilizer Liquids

YOUR CHALLENGE

When sprayed in foliar application the liquid fertilizer forms larger droplets and drips or runs off the plant. The fertilizing effect is minimized or wasted. Leaching by rain also results in a fertilizer loss and causes e.g. unwanted nitrogen inputs to soil and surface waters.



How to Solve it

Control viscoelasticity to prevent liquid fertilizer from running off and dripping.



Which Fiber Works

Microcrystalline Cellulose Gels (MCG) from the VIVAPUR® and ARBOCEL® Fiber Group for use in sprayable foliar fertilizers.



How it Works

Due to their special structure JRS colloids form a strong fiber network. This provides high gel strength even at lower viscosity levels. This is how a stable film on the plant surfaces can be created. The nutritional effect to the plant is prolonged and used to full capacity.

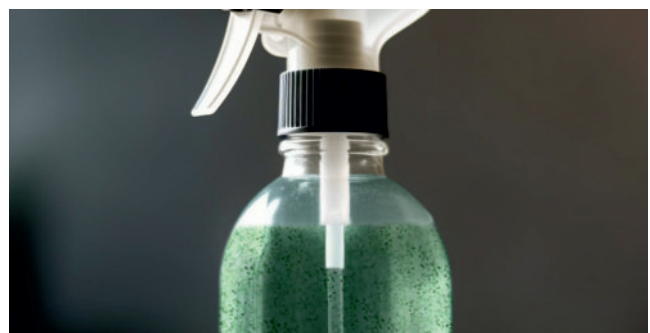


How to Use it

0.5- 2.5% addition in water and activation by shear forces before adding fertilizer components. Direct activation in the fertilizer solution is also possible but requires higher shear forces.

Choose the most modern and sustainable way to optimize your production of liquid fertilizers:

Building on experience in virtually every industry sector, JRS Plant Fiber Agents have proven to be true solution providers in managing properties of all liquid substances. In fluid fertilizers and gels any kind of requirements in anti-settling, sprayability, anti-rinse-off, thixotrophy and thickening can be managed by our organic agents.

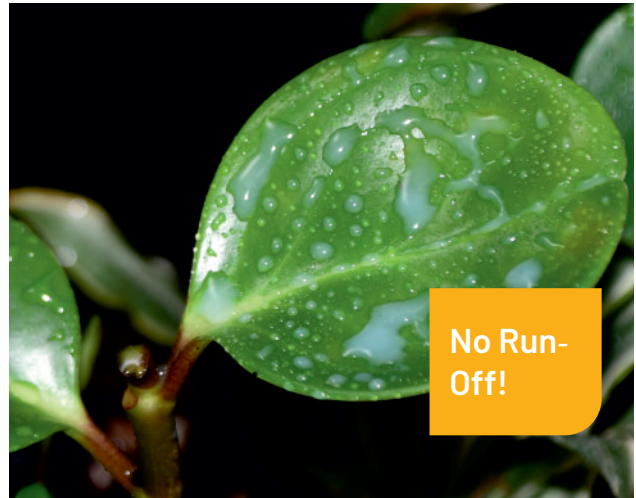


ARBOCEL® and VIVAPUR® MCG for anti-rinse-off

How to Avoid Draining, Dripping and Run-Off Problems

Create Products that Impress with Outstanding Application Properties!

- › More targeted and thus more efficient application enables lower consumption quantities
- › No fertilizer losses, direct application to the plant reduces dripping and leaching by rain
- › Increased retention time of the fertilizer, ensures better plant availability



Contact us

www.jrsplantcultivation.com



Disclaimer

The above mentioned information is based on our practical knowledge and experience and is meant to be helpful when using our products. Due to the different materials and processes involved, we recommend in any case, adequate testing at your company or consultation with us. We cannot be held liable for this information.

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