



How to Improve Fast Release in Soil or Watering Can

Natural and Functional Fiber Agents for the Production of Fertilizer Tabs

YOUR CHALLENGE

Many fertilizer actives in tabs or tablets require a strong compression to remain stable during transportation and storage. During application the high density prevents fast disintegration. Ingredients disperse slowly and don't become plant-available in short-term.



How to Solve it

Control the decay rate and enable an immediate release of all ingredients.



Which Fiber Works

ARBOCEL® celluloses and VIVASOL® croscarmellose.



How it Works

Cellulose fibers compressed to little granules give an "explosive effect" in tabs in the presence of water: The fibers allow a faster capillary transport of moisture into the tab matrix. As special swellable celluloses are used, there is a rapid, abrupt increase in the volume of the fine fiber granules. This leads to an immediate disintegration.



How to Use it

Dosage is dependent on density of the tabs and targeted decay rate. Individual consulting by JRS Technical Application Center. In dry manufacturing processes ARBOCEL® is used. In wet manufacturing processes the same effect can be achieved with VIVASOL® croscarmellose.

Choose the most modern and sustainable way to optimize your production of fertilizer tabs: Building on experience in virtually every industry sectors, JRS Plant Fiber Agents have proven to be true solution providers in tableting and disintegration, as well as problem solving like mold release!



ARBOCEL® and VIVASOL® for disintegration

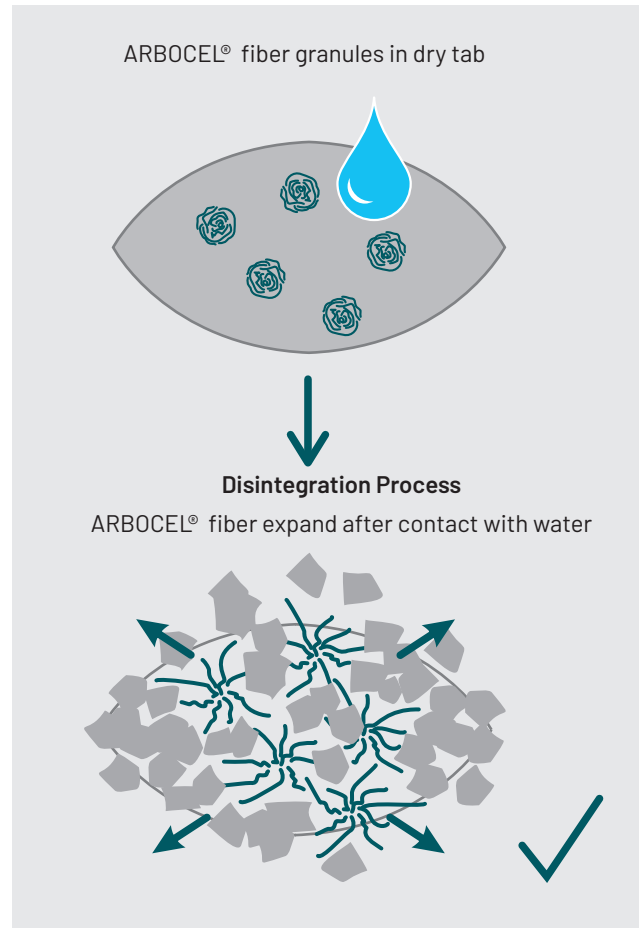
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Improve Disintegration Properties of Your Tabs!

- > Fast, complete dissolution upon contact with irrigation water or use in a watering can
- > Rapid availability of ingredients even when applied directly to moist soil and substrate



How Disintegration With ARBOCEL® Works:



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.

WORLDWIDE HEADQUARTERS
J. RETTENMAIER & SÖHNE GMBH + CO KG

BU Technics / JRS Plant Cultivation
 73494 Rosenberg (Germany)
 Phone: +49 7967 152-440
technik@jrs.de
www.jrsplantcultivation.com