

How to Improve Flowability

Natural and Functional Fiber Agents for the Production of Fertilizer Powders

YOUR CHALLENGE

Individual components in fertilizer powder mixes react to humidity or temperature fluctuations and their surface is caking and particles stick together. Manufacturing processes are disturbed and final dosing becomes difficult.



How to Solve it

With the addition of a flowability agent, the particle structures of individual critical components, free-flowing dry blends and bulk blends can be achieved. This enables homogeneous premixes and masterbatches.



Which Fiber Works

Flowability agents of the ARBOCEL® Fiber Group.



How it Works

ARBOCEL® fibers act as spacers between particles. This prevents adherence of particles to each other.



How to Use it

Application amount depending on formulation, individual consulting by the JRS Technical Application Center.

Choose the most modern and sustainable way to optimize your production of fertilizer powders:

Building on experience in virtually every industry, JRS Plant Fiber Agents have proven to be true solution providers concerning clumping, dust formation and flowability.

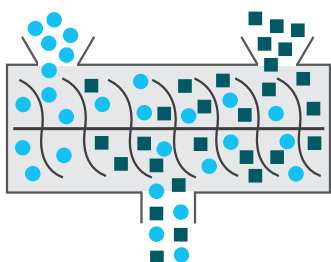


ARBOCEL® for flowability

How to Improve Flowability

Improve Your Mixing Processes in the Production of Powdered Fertilizers

- › Particles can be mixed together more easily: less force input, shorter mixing times, gentler mixing, higher throughput with less heat generation
- › No blockings, no bridging or arching of powders above the outlet of a container or in the transport pipes: this enables controlled, volumetric filling instead of gravimetric filling trough controlled, constant particle flow and constant density, instead of gravimetric conveying load cell

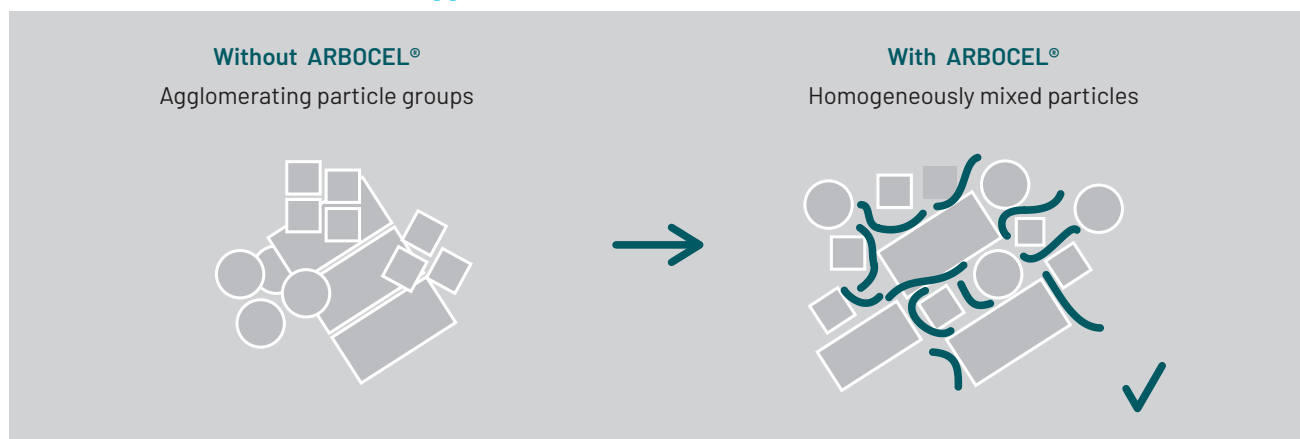


... and Improve the Usability.

- › Easier dosing: improved flowability enables controlled, volumetric dosing
- › High mixing quality, homogeneous particle distribution in the volume element



How ARBOCEL® Fibers Prevent Agglomeration:



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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