



Fibers for Life.

JRS PLANT CULTIVATION

Organic Wetting Agent to Replace Surfactants

Ready-to-use system for bio-substrates

ARBOCEL® Adsorb 2



READY-TO-USE SYSTEM

Organic Wetting Agent for Peat-based Substrates

Improves rewettability and water retention

ARBOCEL® Adsorb 2 is the first wetting agent fully based on organic substances. It is a proven, sustainable alternative for environmentally unfriendly and harmful surfactants.

- › Improved rewettability
- › Better water availability
- › Suitable for organic substrates

Faster rewettability and increased water retention capacity

By adding only 0.25 % ARBOCEL® Adsorb 2, substrate based on white peat gets completely wet after 60 seconds.

Peat-based substrates with ARBOCEL® Adsorb 2 dry up more slowly. The organic wetting agent also enables the rewetting of the soil.



Peat

Peat with ARBOCEL® Adsorb 2

Application

- › White peat
- › Brown peat
- › Peat-based substrates
- › Substrates based on wood and coconut fiber

Contact angle test shows the hydrophilic effect

ARBOCEL® Adsorb 2 ensures good rewettability of the peat-based substrate. The organic, long-chain molecules guarantee a long-term effect of up to 9 months.



Water on a peat-based substrate

ARBOCEL® Adsorb 2 on peat-based substrate leads to hydrophilic surface properties

Certified and controlled quality

ARBOCEL® Adsorb 2 is subject to strict quality and purity criteria:

- › FiBL listed
- › 100 % plant-based: biodegradable and compostable
- › Free of surfactants
- › Odorless
- › No skin or eye irritation





Our future-oriented wetting agent is 100 % organic!



Conventional: Surfactants

- › Synthetic
- › Harmful to the environment
- › Harmful to health
- › Short duration of effect



ARBOCEL® Adsorb 2

- › 100 % organic
- › 100 % biodegradable
- › 100 % harmless
- › Long-term effectiveness

Simple mixing: dry or wet

Depending on the substrate, 500 g ARBOCEL® Adsorb 2 or even less per m³ are required. This corresponds to only 0.25 % by weight for a substrate with a bulk density of 200 kg/m³. The easy-to-dose powder can be applied dry or dissolved in water.



Dry application

Easily be added to the substrate as a fine powder and then mixed in homogeneously.



Wet application

Easily soluble in water using standard mixing equipment. Prepare a solution with approx. 4 % dry content of ARBOCEL® Adsorb 2 and mix with the substrate.

[Find more solutions](#)



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WORLDWIDE HEADQUARTERS

J. RETTENMAIER & SÖHNE GMBH + CO KG

Business Unit Technics / Plant Cultivation

73494 Rosenberg (Germany)

Phone: +49 7967 152-440

technik@jrs.de

www.jrsplantcultivation.com