

JRS PLANT CULTIVATION

# Organic Wetting Agent to Replace Surfactants

Ready-to-use system for bio-substrates

ARBOCEL® Adsorb 2



# 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 rewettabability 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.



60

Peat

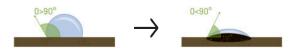
Peat with ARBOCEL® Absorb 2

#### **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® Absorb 2 on peat-based substrate leads to hydrophilic surface

#### **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



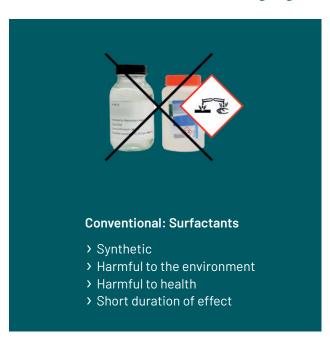








## Our future-oriented wetting agent is 100 % organic!



#### Simple mixing: dry or wet

Depending on the substrate, 500 g ARBOCEL® Adsorb 2 or even less per m<sup>3</sup> are required. This corresponds to only 0.25% by weight for a substrate with a bulk density of 200 kg/m<sup>3</sup>. The easy-to-dose powder can be applied dry or dissolved in water.





#### **Dry application**

Easily be added to the susbstrate 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





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