



Fibers for Life.

JRS PLANT CULTIVATION

Perfect Growth Cellulose Substrate

Ready-to-use system for the cultivation of microgreens

ARBOCEL® FT 400



READY-TO-USE SYSTEM

High-purity Cellulose Substrate for Microgreens

Reliable germination and perfect moisture management

The organic plant fibers form a stable, crumb-free and hygienically clean fiber network. The high water-binding capacity and optimal moisture management support perfect germination and uniform growth.

- › Reliable germination
- › Perfect moisture management
- › 100 % organic
- › Food safe

Production benefits with ARBOCEL® FT 400

- › Smooth substrate surface for homogeneous seed distribution
- › Constant, quick and reliable germination
- › Optimal ratio between roots, stems and leaves
- › Does not stick to growing seedlings
- › No nutrients for undesirable microbes



Application

Our high-purity cellulose substrate is the perfect choice for versatile use in microgreens. From cress to arugula and radishes, etc., all types of sprouts can grow optimally thanks to our substrate.

Certified and controlled quality

ARBOCEL® FT 400 is subject to strict quality and purity criteria:

- › FiBL listed
- › 100 % plant-based: biodegradable and compostable
- › Free of phytotoxics and pesticides
- › Full quality control and high product safety, ISO certified production





Our future-oriented cellulose substrate ensures hygienic handling and sustained freshness!



Crispy-fresh and Hygienic to the Table

- › Sustained water availability for the plants
- › High water-binding capacity: <800 %
- › Hygienically perfect: substrate does not detach during handling



ARBOCEL® FT 400

- › 100 % high-purity cellulose
- › 100 % hygienic
- › 100 % food safe

Extremely productive and easy to use

Mix approx. 5 % dry powder of ARBOCEL® FT 400 with water. It is easy to disperse in cold water using standard mixing equipment.

The wet mix is easy to dose into the trays. Approximately 5 g of cellulose powder per 100 ml of water is sufficient for an average tray (12 x 6 x 1 cm).



See how to mix our cellulose substrate!

[Find more solutions](#)



Fibers for Life.

Disclaimer

The information provided in this brochure is true and correct to the best of JRS's knowledge. Methods, appliances, circumstances or other factors to be taken into account in the commercial processing of products vary. Therefore any description, suggestion or recommendation by JRS in this brochure concerning its product portfolio or any other matter is made for informational purposes only and supplied without liability. The shown values are for guidance only and should not be used as specification values. No warranty, expressed or implied, is given for the suitability of products for any particular application, even if this was mentioned to JRS prior to receipt of this brochure. JRS shall not be liable for any direct or indirect loss or damage, incidental, special or consequential damage or loss of profit. No contrary rights of third parties are known to JRS despite of corresponding investigations. However, no guarantee is given that the utilization of the announced information does not interfere in copyrights or patent rights of third parties.

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