



Fibers for Life.



ARBOCEL®

- Improved intestinal health
- Increased body weight

Piglet

ARBOCEL® Impact on Intestinal Health and Welfare

ARBOCEL® ADVANTAGES

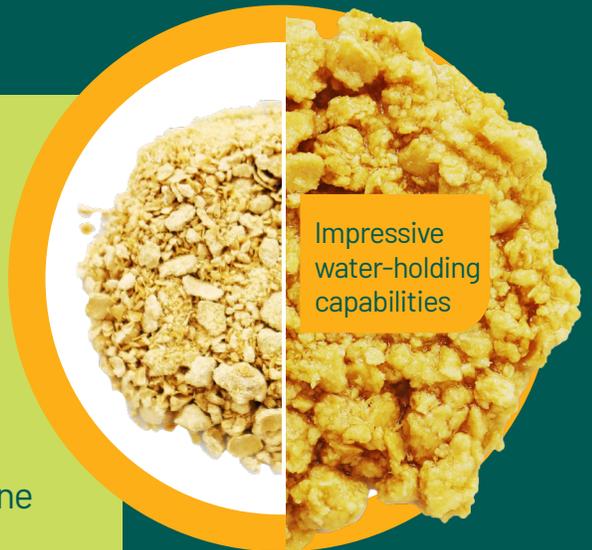
- Mycotoxin free
- 100% Insoluble fiber
- High water holding capacity
- 70% crude fiber content

CONVENTIONAL FIBER DISADVANTAGES

- High mycotoxin contamination
- Soluble fiber
- Nutrient binding
- Crude fiber content ≈10%
- High plate count

Insoluble fiber speeds up transit in small intestine and increases longer digestion in the stomach.

- + Protein degradation
- + Positive impact on microbiota
- + Immune modulating effect
- + Improve peristalsis in small intestine



Impressive water-holding capabilities

ARBOCEL® EFC 1350 dry product

ARBOCEL® EFC 1350 product with water ratio 1:8



Piglet

ARBOCEL® Impact on Performance and Welfare

PRODUCT CHARACTERISTICS

- + Cellulose
- + No bark
- + Insoluble fiber
- + No risk of mycotoxins
- + High water holding capacity

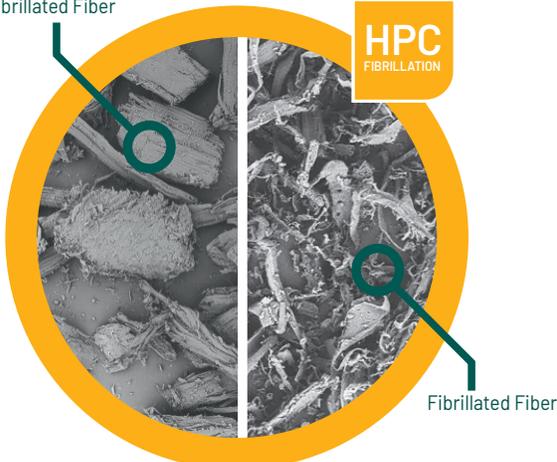
BETTER PERFORMANCE

	Body Weight (kg)
Control	17.3 ^b
ARBOCEL®	19.4 ^a

- Higher body weight
- Significantly increase feed efficiency
- Better immunity

Results of University of Parma, Italy, Suprchi et al.: Body weight and feed efficiency after 20 day trial period (d31-51)

Non-fibrillated Fiber



Fibrillated Fiber

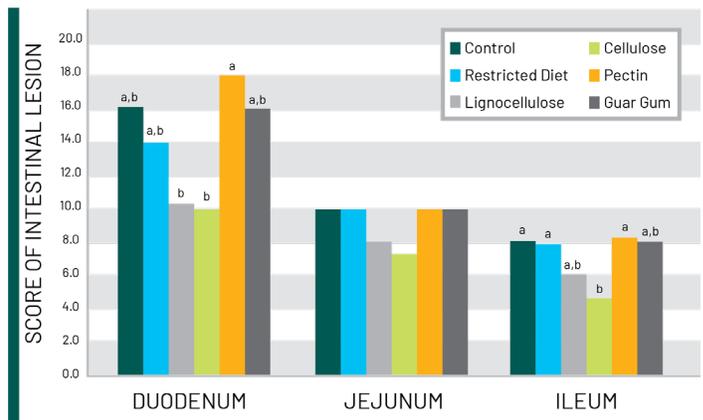
REDUCTION OF DIARRHEA

Fiber Source	Lactobacillus Ileum (cfu/g)	Diarrhea incidence %
Control	7.4 ^b	22
Inulin	7.9 ^{ab}	17
ARBOCEL®	8.3 ^a	13
Mixed fiber	8.4 ^a	21

- Positive effect on gut microbiome
- Significantly minimize diarrhea incidence

Results of Animal Feed Science and Technology, Chen et al.: Diarrhea incidence and gut microbiome after 28 day trial period (d24-52)

INTESTINAL HEALTH



- Reduced intestinal lesions in piglets
- Significant improvement of villus height/crypt ratio
- Weight control

Results of Universidade Estadual Paulista, Brasil, Marujo M. V.: Impact of various fiber sources on intestinal lesions in piglets after 28 day trial period (d21-56)

^{ab} Different superscript letters indicate significant differences ($p < 0.05$).