



Fibers for Life.



## ARBOCEL®

- Weight control
- Better fertility and hatchability
- Improved egg laying performance

# Broiler Breeder

ARBOCEL® Impact on Pullet Management and Laying Performance

### ARBOCEL® ADVANTAGES

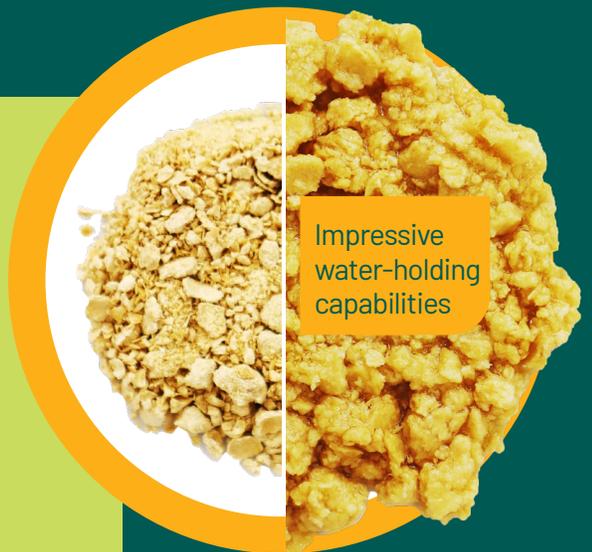
- Mycotoxin free
- 100% Insoluble fiber
- High water holding capacity
- 70% crude fiber content

### CONVENTIONAL FIBER DISADVANTAGES

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

Insoluble fiber prolongs the feed retention time in the gizzard and optimizes the intestinal transit.

- + Increase feed clean-up time
- + Satiation
- + Better weight management
- + Improved intestinal health



Impressive water-holding capabilities

ARBOCEL® EFC 1350  
dry product

ARBOCEL® EFC 1350  
product with water  
ratio 1:8

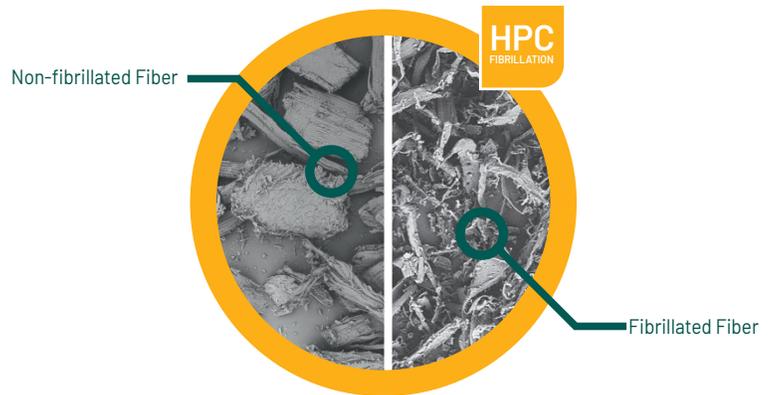


# Broiler Breeder

## ARBOCEL® Impact on Pullet Management and Laying Performance

### PRODUCT CHARACTERISTICS

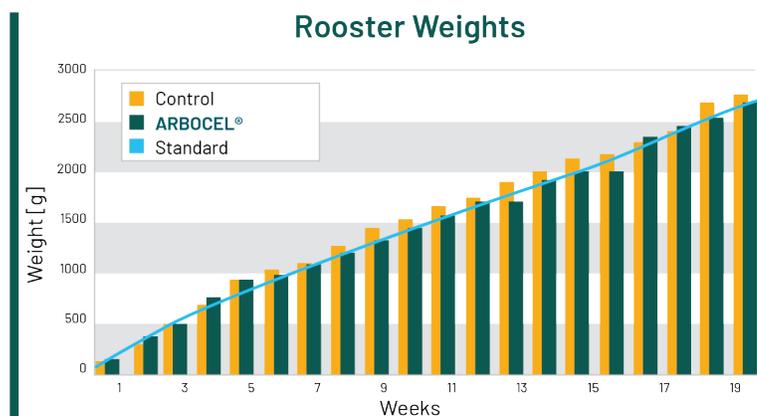
- + Cellulose
- + No bark
- + Consistent composition
- + Crude Fiber Concentrate (CFC)



### IMPROVED WEIGHT CONTROL

- Feed clean-up time increased
- Carry-over-effect increased laying performance
- Weight control

Results of Farm Trial Brazil: Influence of ARBOCEL® on weight development of roosters



### INCREASED EGG LAYING PERFORMANCE

Fiber Source	Egg Production (%)	Egg Weight (%)	FCR
Control	56.90 <sup>b</sup>	69.90	4.73
Inulin	59.80 <sup>ab</sup>	69.20	4.36
<b>ARBOCEL®</b>	62.90 <sup>a</sup>	69.20	4.19
SEM	1.650	00.39	0.20

- Significant increase of post-peak egg production
- Improved results with insoluble fiber
- Improved Feed Conversion Ratio (FCR)

Results of University of Tehran: Influence of ARBOCEL® on laying performance in broiler breeders

### GAINED FERTILITY AND HATCHABILITY

		<b>ARBOCEL®</b>
Percentage	0.00	1.50
Fertility	92.42 <sup>b</sup>	98.92 <sup>a</sup>
Hatchability	82.38 <sup>b</sup>	91.26 <sup>a</sup>
Fertile Hatchability	89.06 <sup>b</sup>	93.27 <sup>a</sup>

- Significant increase in hatchability
- Better fertility

Results of University Sao Paulo, Brazil: Influence of ARBOCEL® on fertility and hatchability

<sup>a,b</sup> Different superscript letters indicate significant differences ( $p < 0.05$ ).