

# Activated Biochar

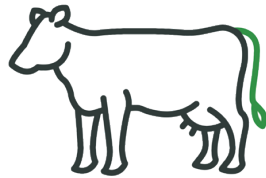


Activated Biochar is produced by heating biomass at high temperatures with no oxygen present. It is highly porous and consequently has good absorption qualities. This means biochar is very good at retaining water, toxins and bacteria. These qualities cause biochar to slow digestion and increase gastrointestinal tract surface area, allowing for improved feed conversion ratios and production.

It also allows toxins and bacteria to be absorbed by the biochar and not by the animal's digestive system, leading to improved health and decreased mortalities. Biochar biology improves biological storage and water holding capacity, as well as stimulating plant nutrient availability. This reduces soil borne disease, improves crop quality, improves soil structure and prevents certain varieties of plant pest and disease.



Improve overall animal health and reduce illness and infection



Increase fertility, growth rates and productivity



Improve soil structure and plant health



Stores carbon for improved plant energy



Nutrient	%/ppm	Value
Total Carbon	%	54.7%
Fixed Carbon	%	53.2%
Nitrogen (N)	%	0.40%
Phosphate (P)	%	0.12%
Potassium (K)	%	0.24%
Calcium (Ca)	%	0.43%
Sulphur (S)	%	0.05%

# SOFT AGRICULTURE



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