



PRODUCT SPECIFICATION SHEET
Wakefield Biochar AG™
Agricultural Grade Biochar

AVAILABLE FORMAT

SKU	PACKAGE SIZE / FORMAT
4250	2 cubic yard super sack

PRODUCT COMPOSITION

COMPONENT	INCLUSION RATE
Biochar (dry)	100.0%

Feedstock: Pre-consumer waste wood from sawmill operations (Southern Yellow Pine).

Production Conditions: Produced at estimated reactor temperatures of ≥ 600 °C with a residence time of approximately 10–30 minutes.

PARTICLE SIZE DISTRIBUTION

PARAMETER	RESULT
< 1 mm	$\geq 75\%$
< 2 mm	$\geq 90\%$
> 2 mm	$\leq 5\%$

BIOCHAR KEY PROPERTIES

PARAMETER	RESULT
Organic Carbon (dry)	50–65%
Moisture (time of analysis)	50–60%
Surface Area (correlation)	200–400 m ² /g
pH	8.5–10.5
Electrical Conductivity	0.2–1.5 dS/m
Bulk Density (dry)	10–15 lb/ft ³
Total Ash (dry)	30–45%
Total Nitrogen (dry)	0.3–0.7%
H:C Molar Ratio	0.2–0.35

HEAVY METALS

All tested heavy metals are non-detect or well below known current regulatory limits.

Biochar analytical testing performed by an independent third-party laboratory. Values are typical ranges and may vary by lot. For agricultural and soil amendment use.