

Douglas County Forest Products Biochar

Price 110 € / CORC



ITEM

Item URL: <https://puro.earth/100141>

Item reference number #100141

DEALER

Douglas County Forest Products

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Location: Roseburg, United States

DESCRIPTION

Every log that goes through the mill is fully utilized, whether it is a unit of high-quality studs, chips, sawdust, hog fuel, or shavings. The sawmill has biomass-fired a co-generation boiler that runs 24/7 producing steam for use in manufacturing lumber-based products and electricity generation. Biochar is a by-product of steam production. The boiler is fed with bark from the company's own lumber operations and additional bark and wood waste are sourced from the local region.

During 1st January 2020– 31st October 2021, the company produced and shipped 4414 dry metric tons of biochar, which represent 10.8% of the total captured energy output of the boiler. The char is shipped to nearby farmers, who use it as a soil amendment.

CARBON REMOVAL INFORMATION

Carbon removal method :	Biochar
Capture of CO2:	Photosynthesis
Stabilization of CO2:	Pyrolysis
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Permanence:	Over 1000 years
Status of production:	Audited
Unit of product volume:	tonne
Embodied carbon in product:	2.166
Year of first issuance:	2022
Minimum amount to negotiate:	50
Avoided emissions (mention avoided emissions in tonnes):	Carbon, Nitrogen, Methane
Examples of usage:	-Soil fertilization and Regeneration -Landfill Emissions Management -Water Treatment

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Co-benefits:

- Raising soil pH
- Improved porosity
- Increased water infiltration and retainment rates
- Reduced compaction
- Increase cation exchange
- Promotion of healthy fungal and microbial populations.

Explanation of avoided emissions:

By replacing a percentage of the fertilizer in near by agricultural projects, DCFP is able to help farmers reduce their emissions.

Economic acceleration impact:

The extra income from Puro.earth allows us to pursue other environmentally friendly projects that may no be financially feasible otherwise. In otherwise - this revenue will allow us to pursue what we need in the industry to go the extra mile and push these new products, which under a normal circumstance would no be possible.

Posted on :

11/02/2022

AUDIT INFORMATION

Audit statement :

https://static.puro.earth/live/uploads/tinyMCE/Suppliers/Douglas_County/20220225_Douglas_County_Audit_St

Facility ID:

643002406801000480

Independently verified by:

Energy Link Services Pty Ltd