



PRODUCT

Technical Name Mixture of biochar with substrate (humus). Soil conditioning corrective.
Comercial Name ECOCHAR Enriquecido
Website <https://ecochar.pt>

MANUFACTURER

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PRODUCT DESCRIPTION

ECOCHAR enriched with organic matter is a solid, eco-friendly and stable product, clean of toxic impurities. This product is composed of 50% of humus based on forest residues, with a predominance of pine bark and selected blonde peat and 50% biochar (biochar granules). ECOCHAR enriquecido is an excellent soil conditioning corrective as it has the following properties:

- Improves production 20 to 200%;
- Improves soil's ability to retain water $\geq 30\%$;
- Improves soil pH;
- Improves soil microbiology;
- Favours the cation exchange capacity, increasing the power of the soil to storage nutrients;
- Reduction of soil aluminium toxicity (heavy metals);
- Improves soil carbon levels;
- Improves the efficiency in the use of nitrogen fertilisers;
- Reduction of greenhouse gas emissions from the soil.

APPLICATION DOSES

It's recommended a minimum application of $20L(dm^3)/m^2$ and per area occupied by the plant, in some cases $30L(dm^3)/m^2$, depending on the analysis of the state of the land. Doses must be increased if the soil is poor in carbon and organic matter.

PHYSICAL PROPERTIES

Appearance	Biochar shredded (0,1 a 10 mm)
Bulk density	400/500 kg/m ³ (H ₂ O = 35%)
Primary component	Biochar with humus
Granulometry	$\leq 10mm$ (EN 1860-2)

PACKAGING

10L or 30L bags and 1m³ Big Bag (EN 1860-2)

CHEMICAL PROPERTIES

Moisture	$\leq 35\%$ (EN 1860-2)
Conductivity	54,7 $\mu S/cm$
pH	6

STORAGE

Storage in a cool and ventilated place.