

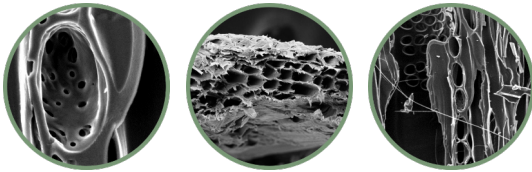
What is biochar?

Biochar is a carbon-rich material made by burning biomass (wood, leaves and branches) in a carefully controlled low-oxygen process called pyrolysis.

It's like charcoal, but the controlled pyrolysis process and very high temperature gives biochar particular properties targeted for use in soil improvement and plant health.

Under a microscope, the biochar appears as a complex honeycomb or sponge-like structure.

This structure provides a very large surface area, which holds water and nutrients and provides a home for beneficial soil microbes and mycorrhizal fungi.



Biochar has been used for many hundreds of years to improve soil and boost farming productivity, notably in South America and Africa, where the improved soil is known as 'black soil' or Terra Preta.

It also helps keep carbon dioxide out of the atmosphere – instead of being released during normal decomposition or open-air burning, the pyrolysis process locks carbon into a stable form that can be buried underground.



Australian innovation

Green Man Char products are sustainably produced in Australia using local waste biomass and Australian technology.

Our CharMaker furnace was designed and developed by our team of environmental engineers over more than a decade, to produce biochar in a clean and sustainable way.

At Green Man we aim to reduce waste, capture all available resources and help create a more sustainable economy in which both the environment and humanity can prosper.

From our income, we invest heavily in research and development to contribute to a better understanding of how biochar can improve our soils and reduce greenhouse gas emissions.



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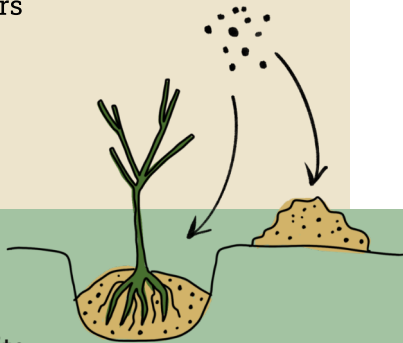
Sustainable,
Australian
biochar for soil
improvement,
plant health,
agriculture &
carbon storage.



greenmanchar.com.au

Benefits of Biochar

- ✓ Improves soil structure, increases water & nutrient retention
- ✓ Stimulates beneficial soil microbes and mycorrhizal fungi
- ✓ Reduces fertiliser requirements
- ✓ Stores carbon in the ground
- ✓ Sustainably produced in Australia using our CharMaker technology and locally-sourced waste biomass
- ✓ Unlike fertiliser or compost, biochar doesn't break down easily – it's highly stable in the soil and can last hundreds, if not thousands, of years



How to Apply

- Apply with your favourite compost or nutrient mix.
- Target root zones – mix into soil, potting mix & planting holes, or top-dress annually.
- 1 to 5 litres per square metre, 1 to 10% soil volume for pots, or ~1 litre per planting hole for trees.

Learn more at greenmanchar.com.au

Biochar range

Biochar

A fine-grained biochar suitable for most purposes including soil improvement, compost booster, potting mixes and animal feed additive.

Blended Biochar

A blended mix of our Ultra-Fine, normal and coarse biochar – the benefits of all grades in one. Root zone application, compost additive, potting mix component.

Ultra-Fine Biochar

A very fine biochar good for lawns, sandy soils, top-dressing and aqueous slurry application.

Horticultural Charcoal

Large, irregular biochar pieces for orchid potting mix and improving drainage.



Other Green Man Products

Frass

Frass is a locally-produced, all-natural fertiliser made using waste from insect larvae. It's rich in plant nutrients and chitin, and has millions of beneficial microbes.

Frass

A rich fertiliser blend containing 80% frass with 20% biochar and wood vinegar.

Biochar + Frass

A complete soil conditioner and fertiliser containing 80% biochar and 20% frass.

Wood Vinegar

Wood Vinegar is a natural liquid bio-stimulant that enhances plant growth, improves seed germination and deters pests.

Highly concentrated, dilute 1:200.

Supercharge

Supercharge your biochar by soaking it for a few days (up to two weeks) in a mix of water and compost or other nutrient-rich fertiliser like worm castings, seaweed solution, fish emulsion or synthetic NPK.

Or try our Biochar+Frass, enriched with nutrients and ready to use!



Compost

Add biochar to boost microbial action in your compost and make an enriched mix ready to use in your garden.

Add 10% of compost volume at any stage of the composting process, at least two weeks prior to using the compost.

Use any grade of biochar, particularly Blended Biochar.

