METAMORF

Metamorf Engineering
[Incorporating SDA Engineering]

METAMORF BIOCHAR

BIOCHAR BRILLIANCE

A carbon residue derived from waste biomass through pyrolysis (high temperature and limited oxygen).

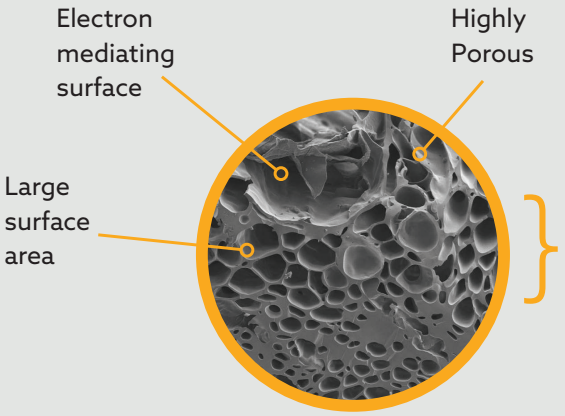
Suitable for all primary industries, councils and soils.

Industrial biochar's can also be made.

NO OTHER SUBSTANCE CAN ACHIEVE ALL OF THIS FOR AGRICULTURE

- Enhanced soil
  - Aeration and structure - by breaking compacted soils and aerating, enhancing root growth.
  - Fertility and plant health - by storing the nutrients the plant needs increasing N cycling and uptake of minerals.
  - Health - by storing the food and feeding vital microbials.
  - pH regulation, by helping to neutralize soil pH, making it more hospitable for a variety of plants.
- Improved
  - Fertiliser and lime and gypsum efficiency – by reduced leaching and denitrification.
  - Seed germination – by stimulation and water supply.
  - Water availability – by storing water and supplying in dry times and supporting infiltration.
  - Increased crop yields and quality – by growing healthier and more disease and pest resilient plants.
- Reduced fertiliser costs and inputs.
- Pollutant remediation – by absorption reducing impact on the environment.
- Climate change mitigation by sequestering carbon in the soil.

BIOCHAR PROPERTIES



- High bulk density
- High carbon content
- Lasts for 100s of years

Biochar has a range of properties contributing to its multiple benefits for agriculture.

Metamorf adjust the biochar production system to individual feedstocks, cereal waste, nuts, timber, and more to ensure these properties are maximized.

Biochar can also be enhanced or combined with a range of additives to make the resultant product specific for its intended application.

METAMORF BIOCHAR

- Starts from $90 per cubic metre.
- Custom biochar can be made for specific - applications /soil types.
- Aligns with industry standards.
- Metamorf offer agronomic support and biochar application, consultations and advice.
- Metamorf can assist with estimating soil carbon outcomes and paybacks.

GET IN TOUCH TODAY TO PURCHASE BIOCHAR OR EXPRESS INTEREST IN USING OUR CHARCELL™ TECHNOLOGY.

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METAMORF™

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