

HOW BIOCHAR IMPROVES SOIL DYNAMICS

BIOCHAR IMPROVES SOIL STRUCTURE AND
INCREASES POPULATIONS OF BENEFICIAL
BACTERIA AND FUNGI SUCH AS MYCORRHIZAE.

OTHER MAJOR BENEFITS OF ADDING BIOCHAR TO SOIL

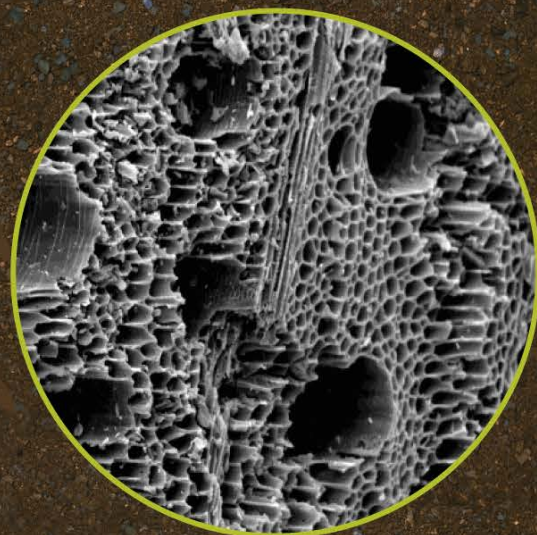
INCREASED WATER HOLDING CAPACITY

Biochar alters the physical nature of soil, making it a stabiliser of relative humidity in soils.

INCREASED ADSORPTION OF NUTRIENTS AND WATER The porous nature of biochar reduces leaching and irrigation requirements.

INCREASE IN PLANT PRODUCTIVITY Via reduction in soil acidity; improved cation exchange capacity; accelerated decomposition and improved habitat for beneficial soil microorganisms.

HIGHER NUTRIENT RETENTION Biochar influences the nutrient value of soil, increasing efficiency of fertilisers and leading to reduced inputs.



WWW.CARBONGOLD.COM