



## BIOGREEN'S SOIL CARBON IMPROVER

**Biogreen™ soil carbon improver** is a great way to **improve** and **protect** your soil, save on **water**, and enhance **yield** quality and quantity through an improved soil environment. Current farming techniques mine the soils valuable carbon source ultimately reducing future agricultural productivity. Biogreen's pelletised soil carbon improver is high in organic matter and can replenish and restore **soil organic carbon**. Furthermore, the peat has been scientifically proven to have **disease suppressant** properties and is certified by the Biological Farmers Association of Australia (BFA) as being **100% organic**.

Apply to *sandy/loamy soils* to:

- Improve **soil structure**, sandy soils typically lack structure adding soil carbon improver will create a better environment for your root system
- Improve **water holding capacity**, Biogreen's soil carbon improver holds up to 230% its own weight in water
- Improve your nutrient holding capacity – Biogreen's soil carbon improver has a very **high cation exchange capacity** (60-100meq/100gm). The pellets have a net negative charge giving it the ability to attract and hold nutrients in the soil, returning them to plant available form when required by the plant.
- Improve **trace element** levels in the soil- peat contains a wide range of trace elements, not sustained in sandy soils, vital for plant growth.

Apply to *heavier clay soils* to:

- **Ameliorate** the soil, Biogreen's carbon soil improver contains  $\approx$  80% organic matter that will improve soil structure and aeration of heavy soils
- Enhance **nutrient availability**; heavy soils can lock up key nutrients. Biogreen's carbon soil improver has a high humus content for better **sustained release** of nutrients in soil
- Peat carbon soil improver is very high in **humic and fulvic acids** which can encourage roots to penetrate deeper into heavy soil profiles

Available in bulk or **flexible** pelletised **format – to order** - to facilitate transport, handling and spreading efficiencies.

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Biogreen's Soil Carbon Improvers' key analytical parameters

	Unit	Result
Total Nitrogen	%	1.89
Total Phosphorus	%	0.14
Total Potassium	%	0.11
Total Sulphur	%	0.53
Total Calcium	%	1.92
Total Magnesium	%	0.49
Total Sodium	%	0.11
Total Iron	ppm	7341
Total Manganese	ppm	45
Total Zinc	ppm	8.3
Total Copper	ppm	12.5
Total Cobalt	ppm	2.3
Total Boron	ppm	90.7
Total Molybdenum	ppm	1
Total Selenium	ppm	2.57
pH	1 : 5 water	5.3
Electrical Conductivity	µs/cm	1301
Total Organic Carbon	%	81.6
Moisture Content	%	41.4

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Control



Grown with 1.2T/acre  
**Biogreen**™ Soil carbon improver