

CARBON GREEN[®] (120sgn)

9-1-9

Activating, Buffering, Hydrating
Carbon + Ca + Mg + Humate
Slow release N as MU (93%)

- High Carbon formula builds healthy soils
- Slow release Nitrogen powers sustainable turf growth
- Homogeneous formulation for uniformity of distribution
- Calcium and magnesium to balance soil chemistry
- Concentrated humates enhance nutrient turnover & availability
- Unique organics increase soil hydration and buffering

TECHNOLOGY

Carbon Green[®] contains Leonardite brown coal, which is commonly known as the best source for extraction of high grade potassium humate, a powerful soil conditioner. As a fertiliser additive, Leonardite is credited with increasing the availability of nitrogen, phosphorus and trace elements. By employing this unique additive, Carbon Green[®] is able to deliver significantly higher quantities of pure element carbon than liquid humic fertilisers.

USE PATTERNS

Carbon Green[®] can be applied as a maintenance fertiliser as well as at renovation or after aeration when inclusion into the root zone can be achieved. After irrigation or rainfall, Carbon Green[®] will release its powerful soil building components into the root zone.

Apply Carbon Green[®] at 250 kg / ha for maintenance feeding or 500 kg / ha for renovation. This formula has an intentionally low nitrogen content to enable an adequate dose of carbon, organics and humates to be delivered in each application.

GUARANTEED ANALYSIS

Total	%
Nitrogen (N)	9
Ammonium	0.5
Methylene Urea	7.5
Phosphorous (P)	1
Potassium (K)	9
Sulphur (S)	8.3
Calcium (Ca)	4.1
Magnesium (Mg)	1.3
Carbon (C)	7
Humate	11.6

Technology inside

SPREADER SETTINGS

	Desired rate	
	2.5 kg / 100 m ²	5 kg / 100 m ²
Scotts Accupro 2000 (Cone Setting 8) Swathe width approx. 3.3 m	M	P
Lesco (letters)	J	M
Lesco (numbers)	21	26
Spyker	4 ³ / ₄	6
Gandy	28	34
Vicon	26	32

*The spreader settings are close approximations. Trial calibration is recommended before wide spread use.

GENERAL INFORMATION

A regularly mown turf sward is a 'carbon hungry' ecosystem that often moves toward deficit without any visual signs of depletion. Carbon Green® has been designed specifically to replenish soil organic carbon reserves and in turn build soil microbial populations, reduce nutrient lock up and encourage beneficial soil biota to buffer against potentially damaging pathogens and pests.

Soil organic carbon is a dynamic entity. The amount of organic matter in a given soil can increase or decrease depending on numerous factors including climate, turf type, nutrient availability and management practices. In free draining, managed turf soils (sand) however, organic carbon is most always depleted at a much faster rate than it is replaced by natural processes.

Carbon Green® also contains added Calcium (Ca) and Magnesium (Mg), which play major roles in the chemical balance of turf soils for structure and nutrient availability. They are also critical nutrients for the development of plant cell walls, photosynthesis and other major plant functions, especially during the cell division stage.