

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING
KEEP OUT OF REACH OF CHILDREN**



Carbon Trader®

Typical Analysis:

75% Carbon
2.2% Nitrogen
3.4% Phosphorus
8.6% Potassium

To keep Dormant Turf Green in Colour throughout the Dormancy period and to Enhance and Maintain Turf Colour, Turf Health and Appearance of Turf, including greens and surrounds.

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT



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DIRECTIONS FOR USE**Restrictions:**

DO NOT tank mix with any chemicals or surfactants.

DO NOT apply through an injection/fertigation unit.

Situation	Purpose	Rate	Critical Comments
<p>Established Turf, Newly seeded Turf and Newly laid instant sod Turf as listed:</p> <p>For Golf & Bowling Greens, General Turf areas & Lawns, containing turf-grasses as named:</p> <p>Buffalo (<i>Stenotaphrum secundatum</i>),</p> <p>Common couch (<i>Cynodon dactylon</i>),</p> <p>Hybrid couch (<i>Cynodon dactylon x Cynodon transvaalensis</i>),</p> <p>Kikuyu (<i>Pennisetum clandestinum</i>),</p> <p>Paspalum (<i>Paspalum vaginatum</i>),</p> <p>Qld Blue Couch (<i>Digitaria didactyla</i>),</p> <p>Ryegrass (<i>Lolium spp.</i>),</p> <p>Zoysia (<i>Zoysia japonica</i>)</p>	<p>To keep Dormant Turf Green in Colour throughout the Dormancy period.</p>	<p>35 – 65 kg per ha</p> <p>(350 – 650 grams per 100 m²)</p>	<p>Apply before colour loss occurs due to dormancy.</p> <p>Repeat applications are required as needed, once the colour of the turf starts to fade. This is usually 8 - 10 weeks after the initial application.</p>
<p>Bent grass (<i>Agrostis tenius</i>),</p> <p>Fine Fescue (<i>Festuca spp.</i>),</p> <p>Winter Grass (<i>Poa annua</i>)</p>	<p>To Enhance the Turf colour, Turf health and appearance of Turf on greens and surrounds</p>	<p>20 – 30 # kg per ha</p> <p>(200 – 300 # grams per 100 m²)</p>	<p>Apply in 800 – 1600 L of water per ha (8 – 16 L of water per 100 m²).</p> <p>Even spray coverage is essential for optimal performance.</p> <p>See SPRAY PREPARATION & MIXING instructions below for further important details.</p> <p>Newly seeded cool season turf should have a minimum of 6 cuts (mowing's) before a Carbon Trader application.</p> <p>DO NOT use on cool season turf varieties when temperature is above 28°C.</p> <p># Use only the low rate during warm, summer-like conditions. Irrigate with 6mm of irrigation within 24 hours.</p>

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

DO NOT feed grass clippings from treated areas to poultry or other livestock

GENERAL INSTRUCTIONS

Carbon Trader contains 750 g/kg activated charcoal in the form of a water-dispersible granule (WDG).

Application

Apply with a calibrated garden backpack or tank via hose and fish-mouth nozzle, with **mechanical** agitation (not jet and or bypass agitation).

Boom Sprayer application with jet and or bypass agitation is not recommended. Whilst some boom sprays with jet / bypass agitation have been found to cope with Carbon Trader's **physical** agitation requirements in the past, many boom sprays have not.

Furthermore, new boom sprayers (post 2015) that are deemed to have good agitation usually are not aggressive enough in their agitation to keep Carbon Trader in suspension throughout the spraying process. Carbon Trader is a heavy product hence difficult to keep in suspension, the main active constituent 'activated charcoal' is non-soluble. Hence **mechanical** agitation (not jet and or bypass agitation) is recommended for Carbon Trader applications.

Good **mechanical** tank agitation is required AT ALL TIMES.

Apply in a minimum of 800 L water per hectare (8 L water per 100 m²).

Carbon Trader may deactivate any systemic post-emergent herbicides sprayed in the 3 days prior to a Carbon Trader application.

Carbon Trader may deactivate any pre-emergent herbicides working in the soil.

Even spray coverage is essential for optimal performance.

Continuous **mechanical** agitation is required AT ALL TIMES.

Spray Preparation

If Screens / Inline Filters are being used, then use of 50-MESH or coarser screens placed after the tank and before the nozzles / fish mouth nozzle (in-line filter) are required for this product. MESH screen (filter) sizes of 100 – 200 may cause blockages.

Nozzle filters need to be removed prior to spraying to avoid blockages.

Good **mechanical** tank agitation is required AT ALL TIMES.

Apply in 800 – 1600 L of water per ha (8 - 16 L of water per 100 m²).

Mixing

Carbon Trader is a water-dispersible granule which disperses in water.

1. Half fill the spray tank with the required water for the application.
2. Engage **mechanical** agitation system.
3. Fill a mixing bucket with approx. 10 - 15 L of water and add 5 kg of Carbon Trader, mix well using a paddle of some sort. Once the 5 kg in 10 - 15 L of water is thoroughly mixed pour through the basket filter into the tank. Any residue left behind on the basket filter can be easily washed through into the tank with water. If the tank does not have a basket filter incorporate Carbon Trader slowly into the tank.
4. Repeat Step 3 (above) until you have reached the amount of Carbon Trader required in the tank for your application.
5. Maintain good spray tank **mechanical** agitation AT ALL TIMES – from mixing to spraying (including throughout the spraying process).

COMPATIBILITY

Carbon Trader is NOT compatible with any other products, such as:

- Fertilisers (organic, synthetic, crystalline or liquids) including chelates and kelps
- Surfactants (non-ionic or ionic, penetrates etc.)
- Chemicals / Pesticides (Herbicides, Fungicides, Insecticides or Plant Growth Regulators)

Mixtures of this type will result in either poor efficacy of Carbon Trader and/or poor efficacy of the tank-mixed partner.

DO NOT mix with anything except water for spraying.

PRECAUTION**Re-Entry Period**

DO NOT enter treated areas until the spray has dried, unless wearing chemical resistant gloves and footwear.

SPRAYER CLEAN UP

This can be achieved by rinsing thoroughly with clean water until no black colouring is evident. Ensure that all filters are dismantled and cleaned thoroughly.

EQUIPMENT

One of the Carbon Trader active constituents, carbon (activated charcoal), is an abrasive material and may cause more rapid wear of spray equipment.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto nearby plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the product or the used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Dispose of containers via any local authority landfill or recycler.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. When opening container, preparing spray or using prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and goggles. If product on skin, immediately wash area with soap and water. If product or spray in eyes wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID INSTRUCTIONS

If poisoning occurs, contact a doctor or Poisons Information Centre. *Phone Australia 13 11 26.*
If swallowed, DO NOT induce vomiting. Give a glass of water.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which is available from the supplier or from the distributor's website: www.turfculture.com.au

CONDITIONS OF SALE

The use of Carbon Trader being beyond the control of the manufacturer, no warranty expressed or implied is given by Turf Culture regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Turf Culture accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

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In a Transport Emergency Dial 000 Police or Fire Brigade

Poisons Information Centre
Telephone: 13 11 26 from anywhere in Australia