

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



Maximiser Elite

SOIL WETTING AGENT

100% Proprietary blend of specialty non-ionic surfactants
with Premium Penetrant & Retention Properties

For Application in Turf Situations

Maximiser Elite is a premium soil wetting agent with penetrant and retention properties, specially designed and formulated for High Value Turf areas (*i.e. Golf & Bowling Greens, Premium Sports Fields*) and Broadacre Turf areas (*i.e. Golf Fairways, Sports Fields, Racetracks, Turf Farms, Reserves & Parks, Polo Fields, Cemeteries, Well Maintained Lawns, General Turf areas*).

Maximiser Elite has key ingredients that penetrate and retain the moisture in the soil profile and root-zone, enabling turf managers to reduce moisture stress and dry patch (localised dry spot) and hold moisture in the root-zone that usually drains and dries out quickly.

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

MAJOR FEATURES

- IMPROVES WATER PENETRATION & RETENTION
- MAINTAINS TURF HEALTH & VIGOUR
- ALLEVIATES & PREVENTS DRY PATCH IN TURF
- PROVIDES LONG-LASTING PROTECTION FROM WATER REPELLENCY



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DIRECTIONS FOR USE

Ground Application (i.e. boom spray, pedestrian application from tank, knapsack)

Situation	Application Rate	Critical Comments
Turf High Value areas such as Golf Greens, Bowling Greens, Croquet Lawns, Tennis Courts, High Value Golf Fairways, Premium Sports Fields, Premium Racetracks, Turf Farms, Well Maintained Lawns	10 L/ha * or 100 mL per 100m ² *	Apply in 400 to 2500 litres of water per hectare (4 to 25 litres of water per 100m ²). Follow normal irrigation schedule. Apply monthly or as required. * Monthly applications are recommended for best results. Maximiser Elite does not usually require watering in, however turf should be irrigated before next mowing.
Turf Broadacre areas such as Golf Fairways, Sports Fields, Racetracks, Turf Farms, Reserves & Parks, Polo Fields, Cemeteries, Lawns, General Turf areas	5 to 10 L/ha * or 50 to 100 mL per 100m ² *	If applied in very dry conditions (above 28°C), irrigate immediately with 3 mm of rainfall equivalent. To ensure Maximiser Elite is not removed from the treated area prior to soil incorporation, irrigate the treated area before the next mowing with at least 4 to 6 mm of rainfall equivalent.

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

GENERAL INSTRUCTIONS

Maximiser Elite is a dual-action soil wetting agent that improves both the penetration, infiltration and retention of water (irrigation and rainfall) in the soil profile.

Soil science research has shown that organic coatings surrounding soil particles inhibit the infiltration of irrigation or rainfall. Hence during high heat stress or drought periods turfgrass can suffer drought injury or death due to the lack of plant available soil moisture.

Maximiser Elite reduces the surface tension of the water molecule, improving the penetration and infiltration of applied irrigation water and rainfall.

Maximiser Elite will

- give water quick and even penetration to ensure limited evaporation and runoff losses.
- ensure uniformed distribution, movement and availability of moisture/water in the root-zone.
- alleviate problems associated with water repellency and dry patch (localised dry spot) from hydrophobic soils in all turf areas.
- allow hydrophobic soils to be re-wet and prevent dry patch.
- give even retention of moisture in the soil profile depth/root-zone ensuring plant available moisture to promote uniform turf quality, root growth and root depth whilst improving nutrient availability and uptake.

Maximiser Elite is designed for use on all professionally managed turf areas and well-maintained lawns / turf surfaces. For optimum turf quality Maximiser Elite should be used in conjunction with turf management practices that promote good turf health.

APPLICATION

Ground Application

Boom Sprayers: Spray nozzles should be uniformly spaced and of the same size, and should provide accurate and uniform application. Use spray nozzles that produce a medium spray quality. To ensure accuracy, calibrate sprayer before use and calibrate frequently. Apply at a volume of >400 L of water

per hectare. Good even coverage with the spray is essential for optimum results. Observe sprayer nozzles frequently during the spraying operation to ensure that the spray pattern is uniform. Avoid overlapping of spray runs. Avoid application under conditions when uniform coverage cannot be obtained or when spray drift may occur. Shut off spray booms while starting, turning slowing and when stopped.

Pedestrian Application from Tank: Hand nozzle (i.e. fish mouth) should have a uniformed spray pattern. Applicators should calibrate their spraying process to ensure their walking speed, pump pressure and hand nozzle movement (i.e. sweeping action) is even and consistent with the water volumes and the product application rate required.

Knapsack: It is important to apply the correct quantity of Maximiser Elite to a known area of turf. It is important good coverage is achieved. Apply between 5 to 10 L of water / 100 m² of turf.

This product is to be used and applied according to the label directions by professionals (turf managers / greenkeepers) trained in the use of agricultural chemicals, using properly calibrated equipment.

Timing

Apply Maximiser Elite at approximately monthly intervals, beginning at least 1 month prior to the start of the irrigation season (before the onset of dry or heat stress conditions).

A preventive program will alleviate problems associated with the development of dry patch (localised dry spot) and ensure plant available moisture in the soil profile, whilst maximising the use of the water resources, whether that be irrigation water or rainfall.

Application is monthly or as required. Trial work and experience shows more consistent results are achieved with regular applications (i.e. monthly applications). Hence the greater the frequency of application the greater the water use efficiency.

Note: In extreme cases of water repellency and dry patch (localised dry spot) from hydrophobic soils additional applications should be applied between monthly applications, as required.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

DO NOT get in eyes, on skin, or on clothing. Avoid breathing vapours or mists. Repeated exposure may cause skin dryness or cracking. Use personal protective equipment as required. When opening the container and preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), rubber gloves and goggles or face shield. When spraying the product, wear rubber gloves and goggles or face shield. Wash hands after use. After each day's use, wash gloves, goggles or face shield and any contaminated clothing.

FIRST AID INSTRUCTIONS

If poisoning occurs, contact a doctor or Poisons Information Centre (*Telephone: 13 11 26 from anywhere in Australia*). If skin contact occurs remove contaminated clothing and wash skin thoroughly. Rinse skin or shower with water. IF IN EYES: hold eyes open, flood with water for at least 15 minutes, remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: seek medical attention. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

SAFETY DATA SHEET

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

CONDITIONS OF SALE

The use of Maximiser Elite Soil Wetting Agent 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.

In a Transport Emergency Dial 000 Police or Fire Brigade

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

GHS Statements (WHS Regulation 2011)

GHS Signal word: DANGER

HAZARD STATEMENT

Causes serious eye damage. Harmful to aquatic life with long lasting effects.

**PREVENTION**

Do not get in eyes, on skin, or on clothing.

Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

Immediately call a POISON CENTRE or doctor/physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of fire: Use carbon dioxide, dry chemical, foam, water fog, to extinguish.

STORAGE

Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool.

DISPOSAL

If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of SDS).