



# Maximiser G

Maximiser G is a premium granular soil wetting agent with penetrant and retention properties, specially designed and formulated for Turf areas.

## Technical Brief

- Active Ingredient:** 100% Proprietary blend of specialty non-ionic surfactants with Premium Penetrant and Retention Properties coated onto a 0.8—1.2 mm Bentonite granule.
- Formulation:** Granular (active ingredient coated onto a Bentonite granule)
- Mode of Action:** Maximiser G 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 would normally drain and dry out quickly.

## Benefits

- Gives water quick and even penetration to ensure limited evaporation and runoff losses.
- Ensures uniformed distribution, movement and availability of moisture/water in the root-zone.
- Alleviates problems associated with water repellency and dry patch (localised dry spot) from hydrophobic soils in all turf areas.
- Allows hydrophobic soils to be re-wet and prevent dry patch.
- Gives 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.
- Particularly beneficial in situations where dry application is required and where irrigation cannot be followed up immediately.

## Soil Wetting Management

Situation	Application Rate	Critical Comments
<b>Turf Management:</b> Golf Greens, Bowling Greens, Croquet Lawns, Tennis Courts, Golf Fairways, Sports Fields, Racetracks, Turf Farms, Premium Maintained Lawns, General Turf areas	300 kg/ha or 3 kg per 100 m <sup>2</sup>	Spread evenly upon surface. Maximiser G will release wetting agent under irrigation or rainfall. Follow normal irrigation schedule.  Apply every 2 - 4 weeks to maintain consistent water penetration through the soil profile and as required by conditions to overcome hydrophobicity and prevent Dry Patch (localised dry spot).
<b>Turf Management:</b> Golf Fairways, Sports Fields, Racetracks, Turf Farms, Maintained Lawns, General Turf areas, Sodding, Seeding & over sowing	150 - 300 kg/ha or 1 - 3 kg per 100 m <sup>2</sup>	To ensure Maximiser G is not removed from the treated area prior to soil incorporation, irrigate the treated area before the next mowing with at least 4-6 mm of rainfall equivalent.  Sodding: Apply to surface before & after laying sod.

Note: The above table represents only a modified extract from the full product label. Always read the full product label before use.

## How to get the most out of your application

Maximiser G is a dual-action soil wetting agent that improves 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 G reduces the surface tension of the water molecule, improving the penetration and infiltration of applied irrigation water and rainfall.

By using Maximiser G, turf managers will be able to maintain consistent water penetration and distribution through the soil profile.

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## Application

For optimum results use a properly calibrated granule applicator. Maximiser G is a convenient ready to use formulation.

For turf application use a granular spreader that can be calibrated for even output and is capable of giving even application. Use a double application technique i.e. half rate – half width to achieve a full rate application. Apply under calm conditions, thereby reducing drift to non-target areas and optimising particle distribution for good soil wetting control.

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 G 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.

## Packaging

Pack size: 5 kg, 20 kg



All of Turf Culture's products come with a formulation guarantee, ensuring turf managers can be extremely confident they are applying a quality product.

" Innovative & Professional Turf Products "

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