

How to:

Establishment

Lay the foundation for the best lawn in the street

Spring or Autumn is the best time to establish a new lawn from turf or seed in WA. Before the lawn is down, set the foundation to correct nutrient deficiencies, ensure good drainage and significantly reduce future water and nutrient requirements. If your lawn struggles due to poor soil preparation, it's susceptible to pest and disease attacks. Poor drainage and aeration can lead to build-up of harmful fungal soil diseases and water repellency can lead to uneven water penetration and dry patch.

Before broadcasting **TURFECT® Starter**, add your organics and any required amendments to your pre-existing soil or sand to improve texture, cation exchange capacity (your soils ability to hold nutrients) water holding capacity and stimulate soil biology.

- For sandy soils use **TURFECT® Starter** in conjunction with Baileys Clay & Compost, following the application rates on the bag.
- For heavy clay soils, use **Baileys Soil Improver Plus** and add Gypsum at this stage to help loosen.

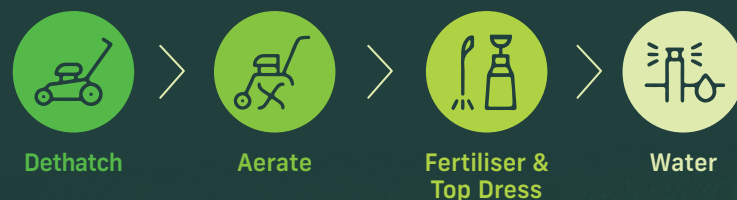
- Incorporate organics and amendments into the top 10-15cm, working in well using a rake or rotary hoe for uniform blending. Level and then broadcast

TURFECT® Starter at a rate of 75g/m². Water in well.

Once laid and during establishment, it's crucial a new lawn gets plenty of water, daily for the first two weeks. Aiming for 10-20mm per day. If you live in Western Australia, apply for a watering exemption from the day of planting. Keep an eye out for any sign of stress such as leaves changing colour, thinning or curling.

Renovations

Mid to late Spring is the best time to renovate your lawn, a term used to describe the process of removing thatch, aerating and improving the soil profile. All steps listed below may not be required every year, but are very beneficial to achieve the best results, and should be done in a particular order.



Dethatch

If your couch, buffalo or kikuyu feels spongy under foot, or there's lots of brown dead matter in the profile, it has a thatch build up and now's the time to remove this layer consisting of rotting stems, leaves and clippings. This slows the infiltration of moisture into the soil and can also be a starting point for fungal disease. There are several methods to dethatch, some better suited to different lawn varieties:

1. Bring in a vertimower, which cuts vertically down into the thatch and throws it up onto the surface for removal. Suitable for a big build up of thatch or a large area to cover.
2. Scalp the lawn by cutting the lawn down to the lowest setting and going over the grass two or three times. It's important to remove the clippings. Lower the mower for each cut across the entire area until all signs of green growth are removed and the lawn is brown. Be careful not to go too low using this method on varieties such as soft leaf buffalo which rely on above ground runners to recover from.
3. The third method involves the most energy and is only practical for smaller areas. Rake over the lawn with a fine tyne metal lawn rake with the idea of scratching out that material.

Aerate

Aerating compacted soils improves the amount and movement of oxygen, water and nutrients into the soil profile. Various forms of coring equipment can be hired for heavily compacted or large areas to make the job easier, or you can use a garden fork or aerating sandals for lightly compacted or smaller areas.

As a lawn corer moves over the lawn, it punches holes into the lawn and pulls out plugs of soil, thatch and lawn, leaving open holes in the lawns surface. Depending on your

soil profile, topdress and rake amendments into these holes to get the good stuff into the soil profile. Fertiliser, Top Dress & Water Fertilise with a quality, slow release, granular fertiliser which provides all turf macro and micro nutrients.

TURFECT® Energy is the perfect fertiliser to use now as the mini prill, microbial coating and added bio-stimulants can get into the soil profile and help your lawn recover fast. Make sure to spread evenly at a rate of 50g/m² WA's sandy soil profile benefits from a

topdress blend of fine, mature compost and mineral sands. The organics encourage greater populations of soil organisms, the wonderful creatures who make nutrients plant available.

Dress with **TURFECT® Topdress**, spreading thinly and evenly over the grass. Then massage this material into the lawn using the back of a flat steel rake or a specific lawn spreader tool. Water in well and make sure the topdress settles into the body of the grass.



TURFECT®

NEW BIOLOGICAL LAWN RANGE



DID YOU KNOW?

If you've attended a sporting event, enjoyed a local park, oval or reserve in WA, chances are it was fertilised with Baileys.

As industry leaders in the manufacture and supply of premium fertilisers for the commercial turf industry for over 50 years, Baileys' customers include iconic sporting venues, council parks & reserves, turf farms, schools, golf and bowling clubs, landscapers and developers.

Baileys manufacture and supply a variety of quality endorsed and environmentally conscious commercial grade turf products from their plant in Kwinana, WA. Their range includes fully granulated homogenous fertilisers, liquid fertilisers, organic and biologically enhanced fertilisers, slow release, top-dress, wetting agents, soil conditioners and amendments.

Baileys team of industry professionals and turf experts design nutrition programs for commercial turf managers and growers across the state, and now, Baileys are bringing their commercial expertise to the retail market, in the form of the **TURFECT® Range** of biologically enhanced liquid and granular fertilisers.

Designed to optimise soil health, root development, nutrient uptake and turf response in each season, the **TURFECT® Range** covers all bases - from soil preparation and lawn establishment, through to maintenance & renovation, leading you step by step to the best lawn in the street.

WHY USE FOLIAR FERTILISERS?

Foliar feeding is specifically effective for quick results or to correcting deficiencies. The nutrients in liquid fertilisers are almost immediately available to be absorbed through the turf leaf and roots. Liquid application is particularly helpful at by-passes issues with alkaline soils - which reduce the availability of key turf nutrients iron and manganese. Foliar feeding is also more effective in winter when the transfer of nutrients from soil to plant slows down and your lawn gets to a near dormant state.

Available at Bunnings



TURFECT® ENERGY

14%N, 1%P, 8%K, 11%S

Available in: 10Kg Bag

A breakthrough, biological lawn fertiliser, designed for establishment and maintenance of all lawn varieties. This complete, 3-in-1 fertiliser contains a fusion of fast and slow-release nutrients, soil improvers and bio-stimulants in the one, easy to apply mini granule.

- ✓ 3-in-1 formula replaces the need for several products
- ✓ Improves soil fertility while feeding both the soil biology and plant
- ✓ Uniform, mini granule settles into lawn sward quickly and provides even nutrient delivery
- ✓ Premium levels of nutrients produce deep green, thick leaf growth
- ✓ BIOWiSH® microbe technology enhances root mass, nutrient uptake and native microbe populations
- ✓ Added humates and organic soil improvers reduce leaching and sustain nutrient release



TURFECT® STARTER

9%N - 1%P - 8%K - 6%S

Available in: 5Kg Bag

A breakthrough, biological lawn fertiliser, designed to create the optimal soil environment for fast, deep root growth and establishment of new lawns. This complete, 4-in-1 blend contains a fusion of organic and slow release nutrients, beneficial biology, root and soil enhancers and wetting agent.

- ✓ Soil inoculant, boosts soil and root health
- ✓ Fusion fertiliser, organic and slow release
- ✓ Root stimulant, drives lawn establishment
- ✓ Wetting agent, improves water use



TURFECT® HUMIC

CONTAINS 25% HUMATE

Available in: 1L & 5L Containers

A highly concentrated humic and fulvic acid soil conditioner and biological inoculant to enhance soil fertility and capacity to support healthy turf growth.

- ✓ Highly concentrated for greater coverage and effect
- ✓ BIOWiSH® microbes boost root and soil health
- ✓ High cation exchange capacity improves fertiliser retention and uptake
- ✓ Activates and feeds beneficial biology



TURFECT® GREEN PLUS

9N-3K-6S-0.5MG-4FE-2MN

Available in: 1L & 5L Containers

Premium foliar fertiliser and inoculant for excellent growth and colour maintenance in all seasons. Provides all essential turf nutrients and soil stimulants for year round vigor.

- ✓ All seasons growth and colour
- ✓ Rapid uptake and action
- ✓ Humic acid improves nutrient efficiency
- ✓ Biowish microbes boost root and soil health



TURFECT® RAPID GREEN

5S-6FE-3MN

Available in: 1L & 5L Containers

Premium foliar fertiliser and inoculant for rapid and extended turf green up in all seasons. No nitrogen limits growth and mowing requirement.

- ✓ High Iron & Manganese for extended deep green
- ✓ Rapid uptake and action
- ✓ Humic acid improves nutrient efficiency
- ✓ Biowish microbes boost root and soil health



TURFECT® INVIGORATE

10N-2P-8K-0.3S-0.1MG-0.02FE-0.03MN 0.005CU-0.005ZN-0.007B-0.002MO

Available in: 1L & 5L Containers

Premium foliar fertiliser and inoculant for hardiness and recovery. Formulated to support turf health during summer stress, wear and after winter dormancy.

- ✓ High K and P improves water use and recovery
- ✓ Kelp improves root growth & turf vigour
- ✓ Humic acid improves nutrient efficiency
- ✓ Biowish microbes boost root and soil health

Turfect Maintenance Program

As the term describes, a maintenance program defines what, how and when you will apply nutrition, mow and renovate to maintain your lawn in tip top condition. Just like forming any good habit, routine is key and directly relates to the results you'll achieve. To get the best lawn in the street, your maintenance program will need to vary depend on the time of the year, as the amount of sunlight, water and soil temperature will differ thorough the seasons.

	September	October	November	December	January	February	March	April	May	June	July	August
Start of Month	Turfect® Green Plus 5ml/m²	Best time to: Establish New Lawn Clay & Compost or Soil Improver Turfect® Starter 75g/m² or Renovate Existing Lawn	Turfect® Humic 5ml/m²	Mini Granule Turfect® Energy 30g/m²	Turfect® Humic 5ml/m²	Turfect® Humic 5ml/m²	Mini Granule Turfect® Energy 30g/m²	Grosorb® Wetting Agent 50g/m²				
End of Month	Grosorb® Wetting Agent 50g/m²	Dethatch/Scarify, Aerate, Fertiliser & Top-dress Mini Granule Turflect Energy 50g/m² Turfect® Top-dress If not renovating, start to feed your lawn with a granular fertiliser this month, then every 6-8 weeks. 3.1.1. Plus 30g/ m²	Turfect® Invigorate 5ml/m²	Grosorb® Wetting Agent 50g/m² Turfect® Humic 5ml/m² Turfect® Rapid Green 5ml/m²	Turfect® Invigorate 5ml/m²	Turfect® Humic 5ml/m² Turfect® Rapid Green 5ml/m²	Turfect® Humic 5ml/m² Turfect® Rapid Green 5ml/m²	Turfect® Humic 5ml/m² Turfect® Invigorate 5ml/m²	Mini Granular Turfect® Energy 50g/m² Turfect® Rapid Green 5ml/m²	Turfect® Green Plus 5ml/m²	Turfect® Green Plus 5ml/m²	Turfect® Green Plus 5ml/m²
Notes	It's good practice to ensure your soil is wetting properly before applying nutrients. Use a quality product with proven longevity. Always water early morning, to reduce water lost to evaporation and ensure water is available when the plant is photosynthesising. Watering at night can promote turf disease. Remember water restrictions start now.	Read Detail on Establishing a New Lawn & Renovations Get on top of weeds before renovation or fertilising so you don't feed them also. When spring hits, regular mowing with a well-maintained mower is essential. Height will depend on your grass variety, generally 30-50mm. Check all sprinklers are working well and use catch cups to ensure coverage is even before summer. Aim for 10mm. Read detail on foliar fertilisers.	Applying bio stimulants like humic, fulvic, kelp and BiOWiSH® will supercharge root development, particularly important after laying a new lawn, renovations and leading into summer. Incorporated a liquid fertiliser into your schedule for best colour between granular applications. Read detail on foliar fertilisers.	Growth is in full swing, use slow release TURFECT® Energy to avoid surge growth. This fusion fertiliser contains both fast acting and organic nutrition. Avoid fertilising in the heat of the day & water in after application. Soils will be their most hydrophobic in summer, reapply Grosorb . If the lawn needs a quick green up intime for Christmas, TURFECT® Rapid Green saves the day.	Mow lawns more regularly and higher to conserve moisture. Ensure mower blades are sharp for a clean cut, this reduces damage to the leaf and moisture loss. Water restriction mean twice a week irrigation unless you're lucky enough to have a bore. On those scorching days, give the lawn a hose if you can. If you know a heat wave is coming up or you're off on holidays, prepare with TURFECT® Humic & TURFECT® Invigorate	TURFECT® Invigorate reduces summer stress. The high potassium analysis improves water translocation around the plant.	Your lawn is likely in need of some TLC after a hot Aussie summer. Make the most of coming autumn rain with the last application of Grosorb® for the season. Watch for fungal diseases in Autumn like dollar spot. High humidity makes them more common. Good aeration and drainage minimise likelihood.	Autumn fertilising prepares your lawn for winter, encouraging prolonged growth and thick coverage. These applications are the most important for the year. Split at half rates over April & May for best results. Last chance to top-dress if lawn is patchy after lots of summer wear. Get on top of weeds before it cools down and your lawn is more susceptible to infestation. Remove by hand if possible, to minimise chemical applications in your garden. Good time to apply a pre-emergent herbicide, a preventative strike on annual grasses and broad-leaf weeds by controlling seed germination.	Help your lawn adjust to the cooler temperatures and shorter days by increasing the height of your lawn mower. More leaf area absorbs more sunlight and nutrients. A healthy lawn heading into winter means it's better prepared for this slow growth period and to hold out weeds.	Foliar feeding (through the turf leaf) is more effective in winter when the transfer of nutrients from soil to plant slows down, as does the lawns growth, enters a near dormant state. Foliar feeding in also more environmentally friendly in the cool season, when less nitrogen is required and rain leads to run-off. Apply TURFECT® Green Plus now every 4 weeks.	Winter is a great time to give mowers and other equipment a service.	Good time to apply a pre-emergent herbicide.

Note: This program is design to give you the best lawn in the street. A healthy, green lawn can still be achieved by following the granular fertiliser and wetting agent applications in the warm season, and foliar applications in the cool season that are in bold text.