

HYDRATION

Precise Water Management



AQUATROLSCOMPANY.COM



HYDRATION



PRECISE WATER MANAGEMENT

From tank to target.

The Aquatrols Company helps maximise the efficacy of water, improving results, and allowing precise control of water and other input applications.

For the risk-averse professional who deals with the shifting challenges of nature, budgets, expectations and regulations, The Aquatrols Company helps them to manage their properties more successfully.

Hydrate Your Turf with Aquatrols

Aquatrols has built a global reputation for innovation, reliability and value by delivering the results you need to achieve success. Now, more than ever, making the best use of water and other resources is essential – and Aquatrols is leading the way.

Our team of scientists and technical professionals are continually seeking more effective solutions to address the unique challenges facing the turf industry and individual turf managers. We offer a complete product line to fit every need and budget.



LOOKING FOR ADDITIONAL INFORMATION ON THE HYDRATION PRODUCTS?

Check online for product pages, labels, SDS, literature and more.

SCAN QR CODE
FOR MORE INFO >>



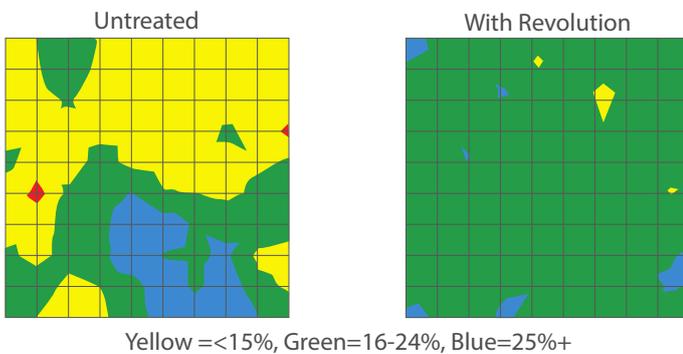


UNRIVALLED CONTROL OF THE ROOTZONE ENVIRONMENT FOR ULTIMATE PLAYABILITY

Revolution® is the world's leading soil surfactant and the only wetting agent that goes beyond addressing water repellency—it delivers complete water management. Its patented formulation forms a thin, continuous film of water throughout the soil profile, optimising air-to-water ratios, enhancing nutrient availability in the rootzone, and improving turf resilience under stress.

Revolution helps maintain turf performance even in severe deficit irrigation. By reducing the impact of daily stresses and accelerating recovery, Revolution strengthens turf throughout the season, ensuring consistent performance in all weather conditions.

When conditions are dry, it allows precise control over irrigation. When rainfall is excessive, it stabilises soil moisture, delivering a firm, uniform surface with unrivalled playability.



Trial plots at Wageningen University Research exhibited lower soil water repellency from July - October in two consecutive 12-month studies.

Key Benefits:

- **Complete Water Management** – Revolution® goes beyond addressing water repellency, forming a continuous film of water in the soil profile, to optimise air-to-water ratios and enhance nutrient availability.
- **Enhanced Turf Resilience** – Maintains turf performance even under severe deficit irrigation, reduces daily stress impact, and accelerates recovery for stronger turf throughout the season.
- **Unrivalled Playability** – Provides precise control over irrigation in dry conditions and stabilises soil moisture during heavy rainfall, ensuring a firm, uniform playing surface.

Application Recommendations:

- For intensively managed, natural turf surfaces apply monthly at 19 L/ha beginning at least one month prior to the onset of turf stress.
- Apply Revolution through conventional spray equipment in a minimum of 800 L of water per hectare.
- Irrigation is required after each application to position the technology deeply and evenly in the profile. For best results apply at least 7.5 mm of irrigation after application. If runoff or puddling occur, water in using cycle/soak runs until 7.5 mm is achieved. Irrigate before next mowing.

PACKAGING:

10 L , 208 L, 1022 L

USE RATES:

19 L/ha monthly or as needed



**UNIQUE FORMULATION TO MAINTAIN
TURF QUALITY AND CONSISTENCY**

Zipline Pro is your solution for healthier turf, improved hydration, and exceptional performance under diverse conditions.

Zipline Pro features a dual-action surfactant blend specifically designed for turf managers looking to get the most out of their playing surfaces while maintaining turf quality and consistency. This advanced formulation soil surfactant from Aquatrols has been successfully awarded EU FPR certification. It contains a blend of two high performance proven chemistries to aid with water management. The inclusion of cold pressed seaweed provides numerous plant health benefits, thanks to its rich composition of nutrients and bioactive compounds that enhance the soil microbiome.

Zipline Pro delivers consistent results on all turf types.



Key Benefits:

- **Advanced Turf Health Solution** – Combines a blend of two high performance proven chemistries to aid effective water management with cold pressed seaweed to provide numerous plant health benefits.
- **Optimised Nutrient Availability** – Supports resilient, healthy plant growth and enhanced root development to help access water more efficiently.
- **Consistent Moisture Management** – Ensures even moisture distribution and deeper water infiltration, promoting fast, firm, fine turf under optimal conditions.

Application Recommendations:

- Truly flexible application rate of 6 - 26 L/ha for use across all types of natural turf surface.
- The higher the application rate the greater the depth that water is moved to in the profile; the better the surface consistency; the more moisture that is held within the profile.
- Apply Zipline Pro through conventional spray equipment in a minimum of 400 L of water per hectare. Irrigate before next mowing.

PACKAGING:

10 L , 110 L

USE RATES:

6 - 26 L/ha monthly or
as needed



**CONTROL YOUR WATER,
CONTROL YOUR RESULTS**

Dispatch Sprayable is a patented soil surfactant technology designed to maximize water infiltration and penetration, promoting healthier turf while reducing water and energy use.

Even low levels of water repellency can hinder proper infiltration, but Dispatch Sprayable improves infiltration and penetration, ensuring irrigation and rainfall are more effectively absorbed for optimal plant uptake.

By enhancing water efficiency in the soil, Dispatch Sprayable supports essential turf functions like photosynthesis, allowing for sustained plant health with less water. Proven to reduce irrigation needs by 25-50%, Dispatch Sprayable helps maintain turf performance even under periods of heat and moisture stress.

Additionally, Dispatch Sprayable reduces surface runoff by 20% or more on sloped natural turf, making it an excellent choice for autumn and winter applications. It helps maintain surface infiltration, delivering firmer, drier playing surfaces even during periods of high rainfall.



Key Benefits:

- **Maximises Water Infiltration and Penetration** – Optimises turf performance and improve irrigation efficiency while reducing water and energy use.
- **Reduces Irrigation Requirements by 25-50%** – Ensures resilient turf under periods of heat and drought stress.
- **Reduces Surface Runoff by 20% or More** – Maintains firmer, drier playing surfaces even during periods of high rainfall.

Application Recommendations:

- Commonly applied monthly @ 2 L/ha, alternatively apply at 0.6 L/ha weekly, 1.2 L/ha every two weeks or 1.8 L/ha every three to four weeks.
- Dispatch Sprayable does not need to be watered in following application and can be used to treat turf under stress without concern for scorch.
- Apply through conventional spray equipment in a minimum of 400 L of water per hectare, irrigate before next mowing or leave boxes off.

PACKAGING:

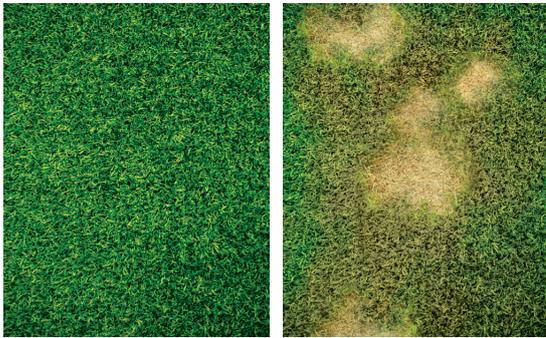
10 L, 110 L

USE RATES:

2 L/ha monthly or as needed

Aqueduct Flex is a granular surfactant which effectively treats and prevents drought stress symptoms across all turf varieties. Its fast-acting, dual-action, easy spread formula delivers superior performance, offering turf care professionals flexible solutions for managing drought stress, including localised dry spot.

At the treatment rate, Aqueduct Flex provides rapid turf recovery, delivering visible results in as little as 3 days. When applied monthly at the lower preventative rate, it offers up to 30 days of protection against localised dry spot.



Rapid recovery in as little as 3 Days



Safe for use on all turf types and areas—including golf course greens, tees, fairways, sports fields and residential lawns—it is also suitable for ornamental gardens, landscapes, trees, and shrubs.

Key Benefits:

- **Fast-acting Granular Surfactant** - treats and prevents drought stress across all turf varieties, including localised dry spot.
- **Rapid Recovery in as Little as 3 Days** - when applied at the treatment rate, with up to 30 days of protection at the preventative rate.
- **Versatile and Safe** - for all turf and landscape areas, including golf courses, sports fields, residential lawns, ornamental gardens, trees, and shrubs.

Application Recommendations:

- For treatment of drought stress or localised dry spot apply at 1.25 Kg/100 m². Reapply at 1.25 Kg/100 m² on a weekly basis until full recovery is achieved.
- For preventative treatment of drought stress apply at 0.5 Kg/100 m². Reapply monthly for up to 30-day protection against symptoms of drought stress.
- Aqueduct Flex does not need to be watered in following application. Irrigate before next mowing or leave boxes off.

PACKAGING:

20 kg

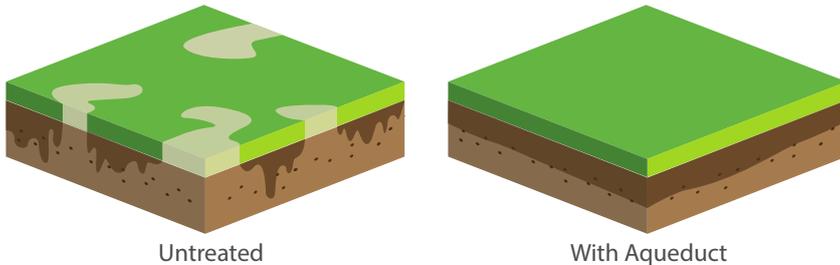
USE RATES:

0.5 - 1.25 Kg/100m²

Aqueduct is a fast-acting soil surfactant designed for rapid recovery from drought stress and water management issues. It quickly reduces water repellency, minimises turf wilt, and restores stressed turf to optimal health.

Its curative formulation targets existing problems such as localised dry spot, moving water deeply into affected areas to rehydrate the rootzone and restore moisture balance.

Aqueduct can also be used as a pre-treatment tool, effectively resetting problem areas before transitioning to a regular, preventative surfactant programme.



Achieve consistent moisture rehydration throughout the soil profile with Aqueduct.

Key Benefits:

- **Rapid Recovery Surfactant** - quickly reduces water repellency, minimises turf wilt, and restores drought stressed turf.
- **Curative Formulation** - penetrates deeply to rehydrate the rootzone and resolve localised dry spot.
- **Versatile Pre-treatment Tool** - for resetting problem areas, before starting a preventative surfactant programme.

Application Recommendations:

- To treat existing drought stress problems on natural sports and amenity turf apply 25 L/ha in 400 litres of water. Reapply at 12.5 – 25 L/ha on a weekly basis until problem is alleviated. Continue as needed before switching to a preventative surfactant programme.
- Aqueduct does not need to be watered in immediately after application and can be used to treat turf under stress without concern for scorch.
- Apply Aqueduct through conventional spray equipment in a minimum of 400 L of water per hectare, irrigate before next mowing or leave boxes off.

PACKAGING:

10 L

USE RATES:

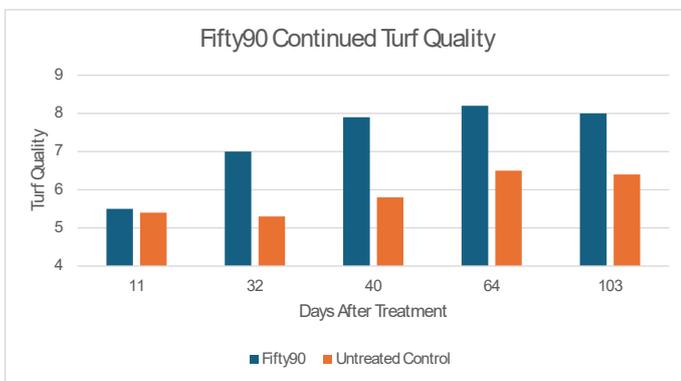
12.5 - 25 L/ha



ENSURE LONG-LASTING HYDRATION AND ENHANCED TURF RESILIENCE

Fifty90 is a cost-effective, long-term soil surfactant that provides 90 days of guaranteed protection against water repellency. Engineered for extended performance, it remains active in the soil for up to three months, effectively reducing water repellency—the leading cause of localised dry spots—while promoting consistent turf uniformity.

The safe, non-scorch formulation ensures it won't discolour fine or stressed turf, delivering reliable performance in all environmental conditions. Even under extreme water stress, Fifty90 reduces the need for frequent applications while maintaining turf quality, ensuring long-lasting hydration and enhanced turf resilience. Safe for use on all turf varieties and economical to use on large turf areas like fairways and sports fields.



A trial conducted at the University of Florida showed that Fifty90 provided significant improvement in turf quality over a period lasting more than 100 days.

Key Benefits:

- **Long-Lasting Performance** – Provides 90 days of guaranteed protection against water repellency, reducing localised dry spots and promoting turf surface uniformity.
- **Safe and Reliable** – Non-scorching formulation prevents discolouration of fine or stressed turf and performs consistently in all environmental conditions.
- **Cost-Effective for Large Areas** – Reduced application frequency whilst maintaining turf quality, making it an economical choice for fairways, sports fields, and other large areas of turf.

Application Recommendations:

- Begin applications at least one month prior to the onset of stress conditions. Apply Fifty90 through conventional spray equipment in a minimum of 800 L of water per hectare.
- Apply at 50 L/ha for 90-day control or may be applied as a split cycle with an initial application at 25 L/ha followed 7-10 days later by an application at the same rate.
- Apply at 25 L/ha for control after the initial three-month period, following either of the above two strategies, for continued protection against water repellency.

PACKAGING:

10 L, 208 L, 1022 L

USE RATES:

50 L/ha every 90 days

Primer Select is a high-performance soil surfactant that forms the foundation of an effective rootzone management programme. Water naturally follows the path of least resistance, leading to channelling or “fingered flow,” which can cause uneven moisture distribution and increased water repellency.

Primer Select establishes matrix flow—a uniform downward and lateral movement of water and solutes—creating a consistent wetting front that prevents water-repellent conditions. By promoting deeper water infiltration and addressing water repellency throughout the rootzone, Primer Select optimises water utilisation, strengthens turf resilience, and enhances resistance to stress and disease.

Its advanced surfactant chemistry helps improve moisture retention, making it particularly effective for new constructions, sand based and natural sand rootzones.

With flexible application rates and frequencies, Primer Select can be tailored to various climates, soil types and spray programme intervals. Safe for all turf species and weather conditions, it delivers reliable performance throughout the growing season.



Key Benefits:

- **Establishes Matrix Flow** – Ensures uniform downward and lateral water movement, preventing water-repellent conditions and promoting consistent moisture distribution.
- **Enhances Turf Health** – Optimises water utilisation, strengthens turf resilience, and improves resistance to stress and disease.
- **Improves Moisture Retention** – Ideal for new sand-based constructions, sand-based or free-draining rootzones, with flexible application rates to suit various soil types and spray interval programmes.

Application Recommendations:

- On new constructions, sand-based or free draining rootzones a standard programme would comprise an initial application at 19 L/ha followed by monthly applications at 12.5 L/ha.
- On less free draining soils or under cooler climatic conditions make an initial application at 12.5 L/ha followed by monthly applications at 6.5 L/ha.
- Apply through conventional spray equipment in a minimum of 850 L of water per hectare. Irrigation is required after each application, for best results apply at least 7.5 mm each time. If runoff or puddling occur, water in using cycle/soak runs until 7.5 mm is achieved. Irrigate before next mowing.

PACKAGING:

10 L, 208 L

USE RATES:

6.5 - 19 L/ha monthly



IMPROVE INFILTRATION & DISTRIBUTION

Firmway enhances the infiltration and distribution of both irrigation water and rainfall, ensuring optimal moisture management across turf surfaces. This advanced formulation combines two proven soil surfactant technologies, delivering a balance of rapid water infiltration and effective moisture retention to improve turf health and performance.

Designed for cost-effective, large-scale application, Firmway offers flexible rates to suit diverse water management needs, making it ideal for sports turf and amenity areas. Its highly concentrated formula allows for lower application rates, providing efficient and economical turf care.

Safe for all turf varieties, Firmway is suitable for fine turf, including golf and bowling greens, as well as tees, fairways, sports fields, and residential lawns.



Key Benefits:

- **Optimises Moisture Management** – Enhances water infiltration and distribution while retaining essential moisture to support healthy turf.
- **Cost-Effective and Efficient** – Highly concentrated formula allows for lower application rates, making it ideal for large-scale turf management.
- **Versatile and Safe** – Suitable for all turf varieties, including fine turf, fairways, sports fields, and residential lawns.

Application Recommendations:

- **Initial Application:** Apply 4–6 L/ha for optimal infiltration and moisture management.
- **Maintenance Rate:** Follow up with 2–6 L/ha monthly to sustain performance.
- Apply Firmway through conventional spray equipment in a minimum of 500 L of water per hectare or sufficient water volume for even coverage, for best results irrigate after application.

PACKAGING:

10 L, 110 L

USE RATES:

2 - 6 L/ha monthly



SUPERIOR FORMULATION FOR IMPROVED HAND WATERING

Featuring a superior formulation, the Advantage+ line is a complete and balanced system for delivering improved performance during syringing and hand watering.

Along with the standard Advantage+ pellet, the Advantage+ Seaweed formulation is available for turf managers seeking additional benefits during hand watering.



Key Benefits of Advantage+:

- Superior Advantage+ formulation to improve hand watering
- Distributes applied water more uniformly into the soil profile
- Pellet stays intact and dissolves evenly during application

Key Benefits of Advantage+ Seaweed

- Promotes fast recovery of drought stressed turf
- Stimulates root growth
- Promotes healthy, resilient turfgrass

Application Recommendations:

- Apply as often as needed to relieve drought stress
- One Advantage+ pellet will cover 4 - 6 greens watering in at a rate of 20 - 30 minutes per green

PACKAGING:

6 each

USE RATES:

1 pellet will typically cover 4 - 6 greens





The
Aquatrols[®]
Company

AQUATROLSCOMPANY.COM