

HYDROSMART AND TURF

Hydrosmart is having a significant impact within the Turf and Sports Field industry and continues to provide solutions to turf growers that experience an array of problems as a direct result of the available water supply being less than ideal. Hydrosmart allows turf growers to utilise water supplies previously considered unsuitable, greatly increasing viability and longevity in current and ever changing climate conditions. The leading IONISING approach, shows the way to provide the Turf & Sports field industry a cost effective water treatment alternative which is completely sustainable, chemical free and environmentally friendly.



HEALTHY TURF IN HIGH SALINITY WATER

Research into overcoming chloride attack discovered that one of the main protagonists for the corrosive process happens to be sodium chloride, the same chemical compound that causes salinity issues. By targeting this compound to solve the corrosion problem, Hydrosmart bond breaking technology has accidentally provided a solution to problems caused by salinity.

Consistently providing users with the ability to grow a wide range of healthy plants in water with salinity levels normally considered toxic. Because of the potential threat to sustainable agriculture, salinity issues have the highest profile at the present time and certainly attract the highest level of funding for scientific research.

The good news for the growers is that Hydrosmart technology has been resolving salinity issues in a very cost effective way, for commercial growers in a variety of soil types and salinity levels, for many years. All the evidence from many years use suggests that the IONISING bond breaking process is not only effective but sustainable.

MAINTAINING IRRIGATION SYSTEMS - Iron, Calcium, Magnesium build up is converted to nutrient

Hydrosmart's computer generated resonance frequencies provide chemical free de-scaling and scale prevention. It does this by changing large, reactive mineral crystals into tiny non-reactive particles, effectively preventing scale from forming. The resonance frequencies remain active in water for several days and progressively break down any already existing scale or bio-films. The first bonds to be broken are those between the pipe work and the scale, which can sometimes break off in lumps and flow towards the end of the irrigation system, making it important to flush out the broken down scale during the first few weeks of the de-scaling process. Other more conventional treatments require the use of acid which can end up in the soil, with Hydrosmart there are no potentially harmful additions to the soil so lower soil health issues ensue.

After being treated with Hydrosmart, minerals remain in the flow as a non bonding particle that will pass through any dripper, filter or spray nozzle bigger than 4 microns and become a bio-available plant nutrient. Treating an irrigation system with Hydrosmart can provide considerable savings in maintenance costs relating to labour and associated consumables as well as ensuring even irrigation.



BENEFITS FOR TURF GROWERS

- No blocked sprinkler heads
- No seed-head problems
- Stronger better quality turf
- Healthy turf in high salinity water
- Reduction in fertiliser
- Reduction in wetting agents
- Reduction in pesticides
- Reduced mowing
- Improved growth
- improved water penetration = less water use



Palm Grove Golf Complex, WA

TURF CUSTOMERS

- Adelaide Oval (SA)
- Walkerville Council Oval (SA)
- Marne Valley Turf (SA)
- Streaky Bay Area School (SA)
- Corny Point Caravan Park (SA)
- Azzuri Soccer Club (SA)
- Albion Park Bowling and Recreation Club (NSW)
- Ararat City Council (VIC)
- Ballarat Golf Club (VIC)
- Geelong Council (VIC)
- Bentleigh Bowls Club (VIC)
- Barker Creek Cricket Club (VIC)
- Mooney Valley Council (VIC)
- West Wimmera Council (VIC)
- Bunbury Golf Club (WA)
- Cambridge Bowls Club (WA)
- Cromer Golf Club (NSW)
- Gin Gin Turf (WA)
- Collie Golf Club (WA)
- Ironpot Golf Club (TAS)
- Jabiru Golf Club (NT)
- Katherine Country Club (NT)
- Jamestown Lawn Tennis Association (SA)
- Mercure Continental Inn (WA)
- Plantation Equestrian Centre (Dubai, UAE)
- Palm Grove (WA)
- Tea Tree Gully Council (SA)
- Victor Harbour Bowling Club (SA)
- Geraldton Council Parks (WA)
- Rockhampton Showgrounds (QLD)
- St Leonards Golf Club (VIC)
- Pittwater Council Ovals (NSW)
- Tam O'Shanter Golf Club (TAS)
- Tanunda Caravan & Tourist Park (SA)
- Smithfield Cemetery (SA)
- Centennial Park Cemetery (SA)
- Karrakatta Cemetery (WA)
- West Coast Turf (WA)
- Dardanup Council (WA)
- Cloncurry Council (QLD)
- Earls Turf (NSW)

HYDROSMART™

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