

**INDUSTRY
SOLUTIONS.**

**Agricultural
Solutions.**

CHT

**SMART CHEMISTRY
WITH CHARACTER.**



AGRICULTURAL CHEMICALS

AUSTRALIA

AGRICULTURAL CHEMICALS AUSTRALIA

Today's modern farming practice expects a high performance from its chemical program as well as the need to be environmentally and ecologically compliant to best practice and regulation. CHT's Sustainable Chemistry philosophy and technology provides today's agriculture chemicals users with the newest supplements and adjuvants for soil and foliar applications to help the farm deliver on its KPIs, be they commercial, qualitative or compliant.



OPTIMISING WATER STRATEGIES WITH GERMAN CHEMISTRY.

When thinking about managing water movement through soils, CHT Australia provides a range of Chemical products for today's precise irrigation techniques that will help you with:

- ▶ Retard Slaking
- ▶ Reduce Erosion
- ▶ Increase water retention
- ▶ Modify dispersion
- ▶ Displace sodium
- ▶ Activates capillary potential of soils
- ▶ Improve drainage
- ▶ Reduce run off
- ▶ Reduce nutrient leaching
- ▶ Take control of your charge balance
- ▶ Improve root growth
- ▶ Reduce plant stress
- ▶ Optimise irrigation cycles
- ▶ Maximise your yield

AQUA-SIL SOIL CONDITIONER

The expected benefits from using AQUA-SIL in irrigation on Australian soils will come from its ability to retard Slaking behaviour and promote the movement of water in and through the soil, which will allow the further optimisation of irrigation management program.

Specifically designed for dispersive, slaking and Sodic Clay soils, AQUA-SIL will provide the ion exchange mechanism to flush out sodium from the soil, and make the soil more friable without affecting the pH or other important cations. In today's farming, sometimes too much water is being used because soil structures makes it difficult to get enough water and treatments to the plant where it needs it most.

Used as supplement to agricultural treatments, AQUA-SIL provides the farms that additional control to reduce the overall chemical consumption as well as to overcome leaching in high draining environments. Because AQUA-SIL activates capillaries, water is now retained marginally below the saturation point of the soil, promoting its movement through the soil rather than it being lost through run off.

AQUA-SIL SOIL CONDITIONER looks to modify the soil. Attach to the soil and conditions it to a hydrophilic state that has been shown to retard slaking, increase soil capillary activity and thereby increase water retention in soils, optimising irrigation activity.

AQUA-SIL 2650

Specially designed for high Infiltration soils AQUA-SIL 2650 will modify the soil to slow the movement water through the soil while making water more available for easier plant uptake and reduce run off of irrigation water.

AQUA-SIL LSN 50

Specifically designed for low Infiltration and high run off non sodic soils, AQUA-SIL LSN 50 will assist in overcoming hydrophobic soils and compacted clay loams increasing the water infiltration and drainage and aeration properties.

AQUA-SIL Dew (Coming Soon)

Specifically to help guard against frost damage, and slippery turf, AQUA-SIL DEW will modify the leaf surface for improved run off of dew condensate and thereby reducing the formation of ice during cold spells.

HERBICIDE, PESTICIDE & FERTILISER — ADJUVANT

HANSA ADD 1055

First quality product at high yield is the ultimate objective of all farm spray programs. Optimising the performance of the spray program can be achieved with HANSA ADD 1055 universal adjuvant, particularly for ground based pests and weeds, HANSA ADD 1055 offers superior wetting and penetration of the active ingredients into pests and weeds resulting in faster more efficient treatments, reducing pest damage and freeing up water that would have been taken up by weeds.

You can only make your treatments more effective with AQUA-SIL.

CLEANING SYSTEMS

HANSA AC WASH ULTRA

The proper function of irrigation drippers is paramount to efficient irrigation management.

Established irrigation networks tend to build silt that block the lines and membranes of the drippers. HANSA AC Wash Ultra is a safe method of cleaning these lines and deferring or avoiding expensive replacement costs.

HANSA AC 1533

A specialized alkaline, cleaning agent, for reverse osmosis and ultra-filtration systems, specifically designed for organic soil removal.

HANSA AC 1540

A Specialized acidic, cleaning agent for reverse osmosis and ultra-filtration systems that are specifically used to remove inorganic salts and scale including iron scale deposits.

ANTI-SCALING AGENTS

HANSA AC P5

This product is a specialized anti scaling agent that is used for reverse osmosis and ultra-filtration systems.

HANSA AC NE

This product is a specialized biodegradable anti scaling agent that is used for reverse osmosis and ultra-filtration systems.

HANSA AC NV 200

A mild citric acid cleaning and anti-scaling solution for use on Reverse Osmosis and Ultra-filtration systems in order to control scaling in acidic water.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods that are beyond our control.



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Please call us to discuss how we can show you the benefits of CHT Chemistry on your crops.

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