

H₂Pro[®]

Get a grip
on water



*A complete
range with
advanced
technologies*

Wetting agents and dew dispersants

AICL



Water is a precious resource that is essential for premium quality turf

Get a grip on water management

Our unique and flexible range of wetting agents and dew dispersants are designed to optimize water use and moisture management.

In liquid, granular and tablet form, these products have been developed to fit into your existing water management strategy. Using patented technology, the range offers preventative and curative products suitable for wet and dry conditions, with the flexibility for application at any time of year.



	Page	Formulation	Type	Greens	Tees	Fairways	Greens Surrounds	Greens Collars & Approaches	Stadia Pitches	Sports Pitches	Outfields	Racecourse/Gallops	Lawns	Turf Production	Cricket Table	Lawn Tennis
H2Pro TriSmart	4	Liquid	Penetrant, Spreading, Holding	★	★	✔	★	★	★		✔		★			
H2Pro FlowSmart	5	Liquid	Soil penetrant	★	★			★	✔						★	★
H2Pro AquaSmart	6	Liquid	Penetrant, Water retention		★	★	✔	✔		★	★	★	✔	✔		
H2Pro DewSmart	7	Liquid	Dew dispersant	★	✔			✔							✔	✔
H2Pro SaltSmart	8	Liquid	Salt reduction	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔			
H2Pro Tablet	9	Soluble tablet	Spot treatment	★	✔		★	★					★		✔	✔
H2Pro Granules	10	Granular	Spot treatment	★	✔		★	★					★			

★ Ideal for purpose ✔ Suitable for purpose



H2Pro TriSmart

A high quality wetting and water conservation agent

H2Pro TriSmart is formulated with three water management surfactant technologies to provide great water penetration, even water spread through the rootzone and to improve the water holding capacity of sandy rootzones.



Benefits

- Highly effective triple action formulation
- Very effective against localized Dry Patch development
- Evenly distributes moisture through the upper soil profile
- Significantly reduces irrigation requirement

Characteristics

Formulation type: **Liquid**
 Technology: **Surfactant**
 Pack size: **5 litre & 120 litre**
 Pack coverage: **5,000m² (5 litre)**
120,000m² (120 litre)
 Longevity:* **4 weeks**
 Type: **Soil moisture optimiser**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

Application information

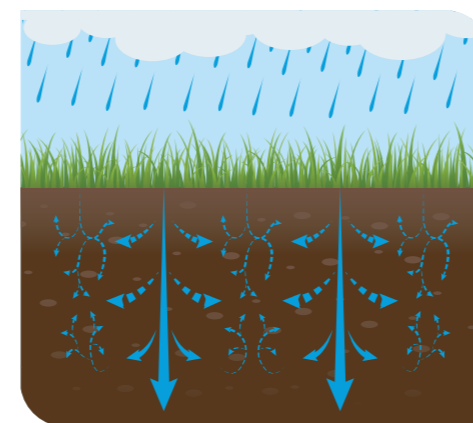
Application rate: **Full programme: 10 L/ha monthly.**
Late start programme: 25 L/ha then 10 L/ha monthly
 Water volume: **600-1,000m²**
 Frequency: **Monthly**

Areas of use

- Greens
- Tees
- Fairways
- Greens Surrounds
- Greens Collars & Approaches
- Stadia Pitches
- Outfields
- Lawns



Penetrates, spreads and retains



H2Pro FlowSmart

A specialist super penetrant

H2Pro FlowSmart is a high performance penetrant wetting agent for use on a wide range of turf surfaces. The FlowSmart formulation combines polymer and super-penetrant surfactant technologies to optimize performance for up to 4 weeks. FlowSmart works by reducing the surface tension of water to promote quick water infiltration and penetration through receptive soil profiles.



Benefits

- Helps surface water penetrate quickly
- Creates drier and firmer year-round playing surfaces
- Assists with the flushing of carbonates and salts from rootzones
- Can be used as part of an integrated disease reduction plan

Characteristics

Formulation type: **Liquid**
 Technology: **Surfactant**
 Pack size: **10 litre & 120 litre**
 Pack coverage: **10,000m² (10 litre)**
120,000m² (120 litre)
 Longevity:* **4 weeks**
 Type: **Soil penetrant**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

Application information

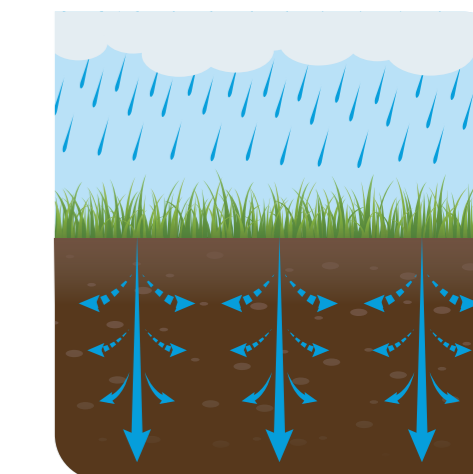
Application rate: **10 L/ha**
 Water volume: **250-600 L/ha**
 Frequency: **Monthly**

Areas of use

- Greens
- Tees
- Greens Collars & Approaches
- Stadia Pitches
- Lawn Tennis
- Cricket Table



Water infiltration and penetration through the rootzone





H2Pro AquaSmart

A cost-effective wetting and water conservation agent

H2Pro AquaSmart is an outfield wetting agent for a low rate application to provide a cost-effective programme. The agent for low rate application provides a greater water-use efficiency by slowing drying and then allowing quick rewetting of the soil, so maintaining a healthy plant and a quality surface.



Benefits

- Improves water efficiency for outfield areas
- Helps reduce incidence of Dry Patch
- Flexible application rates
- Protects turf quality through periods of dry conditions

Characteristics

Formulation type: **Liquid**
 Technology: **Surfactant**
 Pack size: **5 litre & 120 litre**
 Pack coverage: **10,000m² (5 litre)**
240,000m² (120 litre)
 Longevity:* **4-6 weeks**
 Contains: **Soil moisture optimiser**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

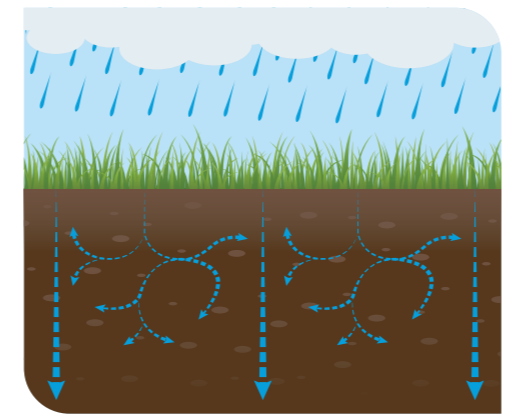
Application information

Application rate: **5-10 L/ha**
 Water volume: **400-800 L/ha**
 Frequency: **Every 4-6 weeks**

Areas of use

- Tees
- Fairways
- Greens Surrounds
- Greens Collars & Approaches
- Sports Pitches
- Outfields
- Lawns
- Turf Production
- Racecourse/Gallops

Specialist super penetrant



H2Pro DewSmart

Dew dispersant for turf

H2Pro DewSmart is designed to prevent or reduce the formation of dew on the grass leaf.

This is ideal as part of an integrated turf management approach to help minimize the risk of disease outbreaks and to improve surface quality.



Benefits

- Under optimum conditions, 3-4 weeks control of dew can be achieved
- When used as part of an integrated disease management programme, DewSmart can help reduce the risk of disease attack
- Reduces the need for regular early morning switching of dew from greens
- Greens can be clear of dew for a cleaner cut and for the early morning golfer

Characteristics

Formulation type: **Liquid**
 Technology: **Surfactant**
 Pack size: **10 litre & 120 litre**
 Pack coverage: **10,000m² (10 litre)**
 Longevity:* **Up to 21 days if applied in optimum conditions**
 Type: **Dew dispersant**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

Application information

Application rate: **10 L/ha**
 Water volume: **300-400 L/ha**
 Frequency: **Every 14 days**

Areas of use

- Greens
- Tees
- Greens Collars & Approaches
- Cricket Table
- Lawn Tennis

Application notes

Best performance is achieved when applied under optimum conditions. Apply to a dry surface. Cut or brush grass before foliar application. Use nozzles suitable for a foliar application.

Tank-mixing instructions

Mixing H2Pro DewSmart with other products may adversely impact performance.



H2Pro[®] SaltSmart

A specialist penetrant sodium remover

H2Pro SaltSmart is a penetrant surfactant plus calcium macro-polymer. Designed to move water and exchange cations, thus reducing the impact of salt on turf. The product allows water to penetrate, dissolve salts and flush salts below the rooting level or out into the drainage system.



Benefits

- Specialist penetrant sodium remover
- Moves water and exchange cations
- Reduces impact of salt on turf

Characteristics

Formulation type: **Liquid**
 Technology: **Surfactant**
 Pack size: **5 litre**
 Pack coverage: **833-2,500m²**
 Typical turf response:* **Immediate**
 Type: **Salt reduction**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

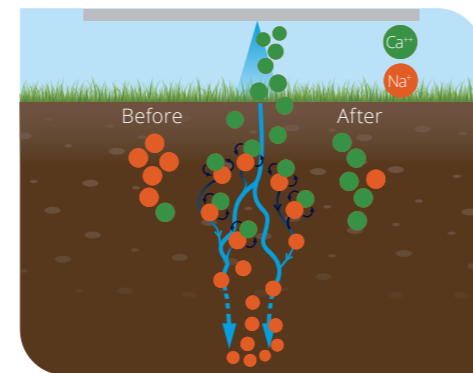
Application information

Application rate: **20-60 L/ha**
 Water volume: **800-1,000 L/ha**
 Frequency: **Monthly**

Areas of use

- Greens ✓
- Tees ✓
- Fairways ✓
- Greens surrounds ✓
- Greens Collars & Approaches ✓
- Stadia Pitches ✓
- Sports Pitches ✓
- Outfields ✓
- Racecourse/Gallops ✓
- Lawns ✓

Penetrates, dissolves and flushes salts



H2Pro[®] Tablets

A hose-end applied wetting agent for effective hand-watering

H2Pro Tablet is especially effective for the treatment of localised Dry Spot and for helping to reduce overall irrigation requirement.



Benefits

- Effective rewetting through the rootzone
- Excellent water spreading and penetration characteristics
- For spot-treating problem areas and to complement a main wetting agent programme

Characteristics

Formulation type: **Soluble Tablet**
 Technology: **Surfactant**
 Pack size: **6 x 250g tablets**
 Pack coverage: **6 x 500m²**
 Longevity:* **2-4 weeks**
 Type: **Spot treatment**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

Application information

Frequency: **As required**

Application notes

Apply using an H2Pro application gun.

Areas of use

- Greens ✓
- Tees ✓
- Greens Surrounds ✓
- Greens Collars & Approaches ✓
- Lawns ✓
- Cricket Table ✓
- Lawn Tennis ✓

H2Pro Tablet

Applicator	Product	Spray Time (Minutes)	Area Treated (m ²)
H2Pro Pellet Pro Gun	1 x 250g Tablet	5-10	250-500





H2Pro Granules

A granular wetting agent, ideal for spot treatments

H2Pro granular formulation is easy to apply across wide or localized areas to improve water management and for the treatment of localised Dry Patch.



Benefits

- › Easy to apply by hand or spreader
- › Unique curative and preventative action against Dry Patch
- › Can be used at any time during the growing season
- › Ideal for use on bunker tops

Characteristics

Formulation type: **Granular**
 Technology: **Surfactant**
 Pack size: **10kg**
 Pack coverage: **500m²**
 Longevity:* **4 weeks**
 Type: **Spot treatment**

* depending on environmental factors

Recommended period of use

J F M A M J J A S O N D

Spreader settings

Spreader Type	Cone Setting	Spreader Width (m)	Application Setting (20g/m ²)	
			1x Pass	2x Pass
Accupro 2000	5	4.0	M	J
Drop Spreader SS-2	n/a	0.91	4 ¾	3 ¾
Classic Drop Spreader	n/a	0.55	6 ½	-

Areas of use

- Greens** ★
- Tees** ✓
- Greens Surrounds** ★
- Greens Collars & Approaches** ★
- Lawns** ★

Application information

Application rate: **20g/m²**
 Frequency: **As required**

Application notes

Wash in immediately to move wetting agent into the soil.

What users throughout Europe say...

Steve Robinson, Course Manager, Moortown Golf Club, Leeds, United Kingdom

"I trialed TriSmart throughout this season applying it on a monthly basis from April. Despite a wet year I was very happy with the firmness of the greens. The product didn't cause the greens to hold on to excessive moisture in the upper profile creating unwanted soft playing conditions."



Jon Palmer, Course Manager Grange Golf Club, Dublin, Ireland

"This year we trialed the new TriSmart wetting agent from ICL here at Grange golf club. We started applying the product in May and have applied 4 applications over all our 27 greens. We have found the product to be easy to apply and has given good results. This Summer has not been particularly dry but we have not had any issues with dry patch or low moisture level percentages in the rootzone. During wet conditions we did notice that water moved through the rootzone quickly and didn't experience any excess moisture. The firmness of the greens have been excellent and I felt very comfortable in any dry spells during the year. I would have no hesitation in using the product again."



Matt Short, Course Manager, Sand Martins Golf Club, Wokingham, United Kingdom

"I trialed H2Pro TriSmart through the summer 2016 on the greens at Sand Martins Golf Club. I tank mixed the wetting agent with WSF SeaMax and it gave a great result. I was really happy with the colour, quality and health of the sward throughout the summer. It significantly improved my root development as well. I even had members commenting how good the greens looked."



Ricardo Llorca, Greenkeeper, Golf Course Escorpion, Valencia, Spain

"My greens are 50% Poa annua, so using TriSmart provided me with security over the hot summer in Spain. I got greater longevity from each application compared with previous wetting agents so we were able to reduce irrigation water inputs, and reduce the time spent hand watering. The rootzone moisture was deeper giving healthy roots so during the high summer temperatures the grass was less stressed and I had less disease. I was very happy with TriSmart"



Stefano Contarin, Golf Club Padova, Italy

"This year I trialed H2Pro TriSmart on my greens using a monthly application from May to September. With average summer temperatures of over 25°C the results were excellent. In the past I have had problems with Localised Dry Spot developing; this year there was no problem."



Interested in more testimonials? Please visit icl-sf.com/H2Pro for more information.

More information?

Do you have any questions? Would you like free advice tailored to your situation? Please contact one of our local sales advisors or visit our website.

icl-sf.com/H2Pro



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