



*The next generation in
surfactant technology...*

Growth Products Hydro-Smart NG (Next Generation) is the very latest in soil surfactant technology.

A unique wetting agent formulation with excellent product longevity and ability to reduce rootzone hydrophobicity, due to the length and make-up of the surfactant ingredients. The formulation has extensive trial data, surpassing current market leaders.

The formulation majors on triblock copolymers, longer than current market competition, allowing improved longevity of product, with a high affinity to hydrophobic rootzones.

HydroSmart NG contains four water management surfactant technologies providing strong penetration of the upper horizon, a balanced and consistent spread of moisture across the profile and the vitally important retention of water within the rhizosphere.

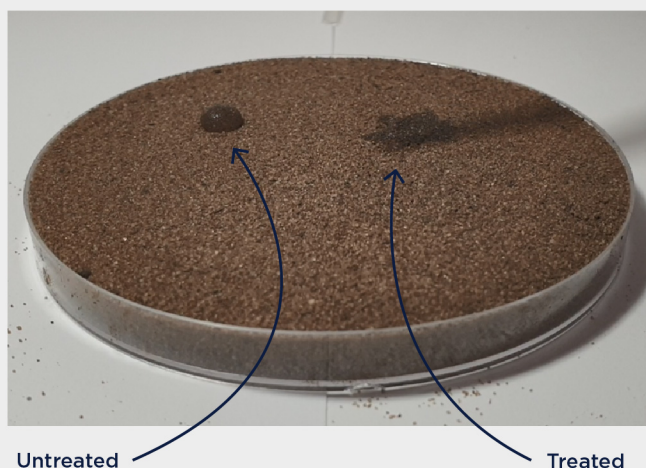
Benefits

- Utilises longer chain triblock copolymers than current market competition allowing improved longevity of product.
- Improved wetting of hydrophobic soil zones due to increased ratio of hydrophobicity in triblock copolymers.
- Effective at enhancing water distribution in the rootzone in both hydrophobic and hydrophilic conditions.
- Non-ionic blend of surfactants with low risk of phytotoxicity.
- Reduced irrigation requirements.
- Conforms to current biodegradability standards.
- Fully compatible with bio-stimulants for mutually beneficial rhizosphere application.



Droplet Test

Untreated vs HydroSmart NG @ 10l/ha



Product	Pack Size	Rate	Water Volume
Hydro-Smart Liquid	10ltr	5-20ltr/ha	500-900ltr/ha
Hydro-Smart Granules	20kg	30g/m ²	Water in after application
Hydro-Smart Pellets	6x250g	4-7 greens per pellet avg.	Apply at 6 -8.5 bar

Usage Period											
J	F	M	A	M	J	J	A	S	O	N	D
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

UK Trial Data Summary

The trial took place on greens with little hydrophobicity and treatment effects took time to build up with turf stress evident on the untreated plots by the end of the trial.

The trial demonstrated the benefits of the HydroSmart NG programme with significant benefits to moisture, NDVI and turf quality at various points throughout the trial.

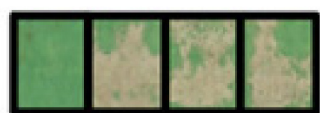
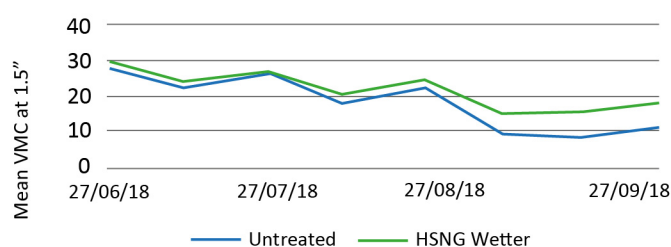
HydroSmart NG performed better than the leading competitor wetting agent on the UK and global market.

HydroSmart NG continues to demonstrate excellent responses in trials with performance comparable or better than any other product on the market.

(Suffolk Heathland Golf Course, 2021 / Staffordshire Golf Course, 2019)

HSNG Greens

4 years of positive data in the UK and global market demonstrating excellent wetter properties



Untreated



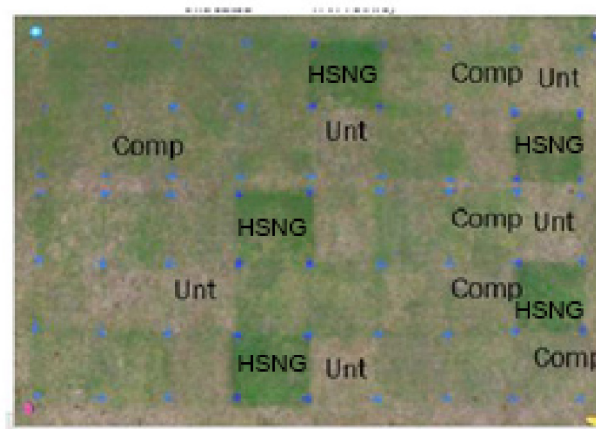
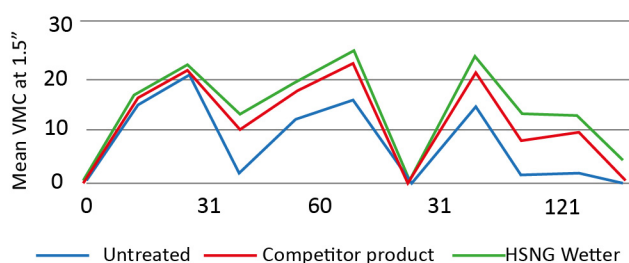
Competitor product



HSNG Wetter

HSNG Fairway

2 years of positive data in the UK and global market demonstrating excellent wetter properties



Competitor product applied at 19ltrs/ha



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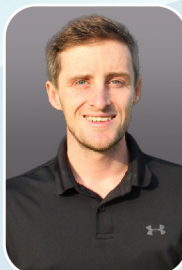


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