



Evolution From ECO-WRP

ECO-WRP Field trials

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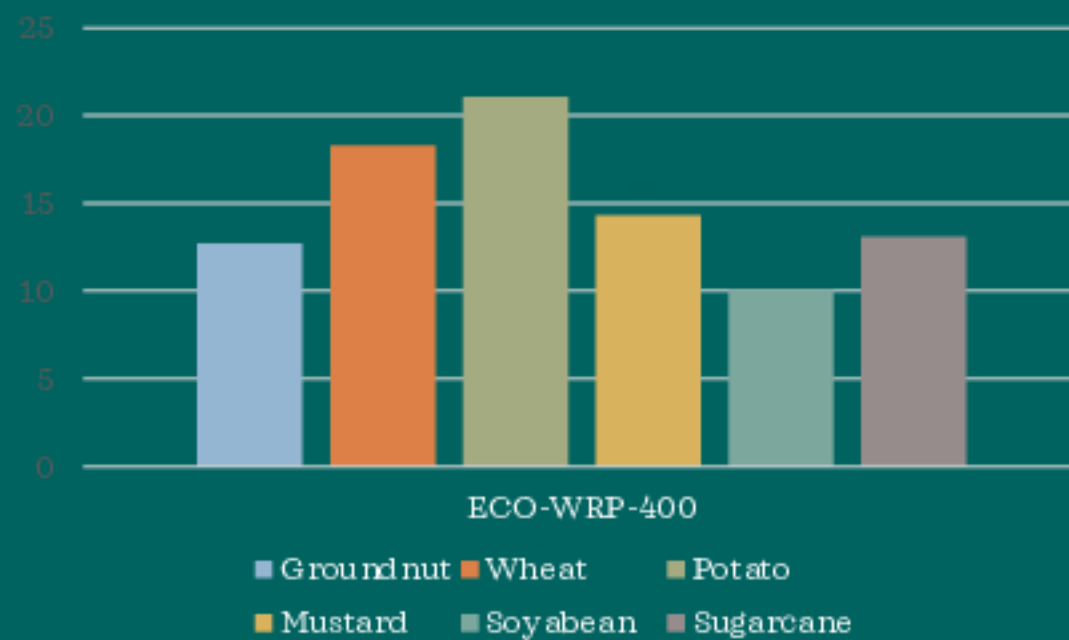
Evolution Timeline of ECO-WRP

- 2019. 2021 Field trials initiated in India by Dyacare Biotech LLP
- 2021. Presented at COP26 as a solution to soil moisture reservoir and retention of fertiliser nutrients within root zone
- 2023. Product evolved into ASCOGEL with addition of saponins, polysaccharides, betaines, vitamins and alginic acids
- 2023. Field trials of ASCOGEL initiated within the UK
- 2023. Dyacare Biotech LLP acquired by NGAG Inc, USA
- 2023. Presented ASCOGEL at ChangeNow climate conference in Paris
- 2023. Sign exclusive UK & EU distribution agreement with Nature Soak Ltd
- 2023. ASCOGEL rebranded as Nature Soak for UK & EU market

ECO-WRP

Increased the yield and quality of crops

ECO-WRP % YIELD INCREASE OVER CONTROL

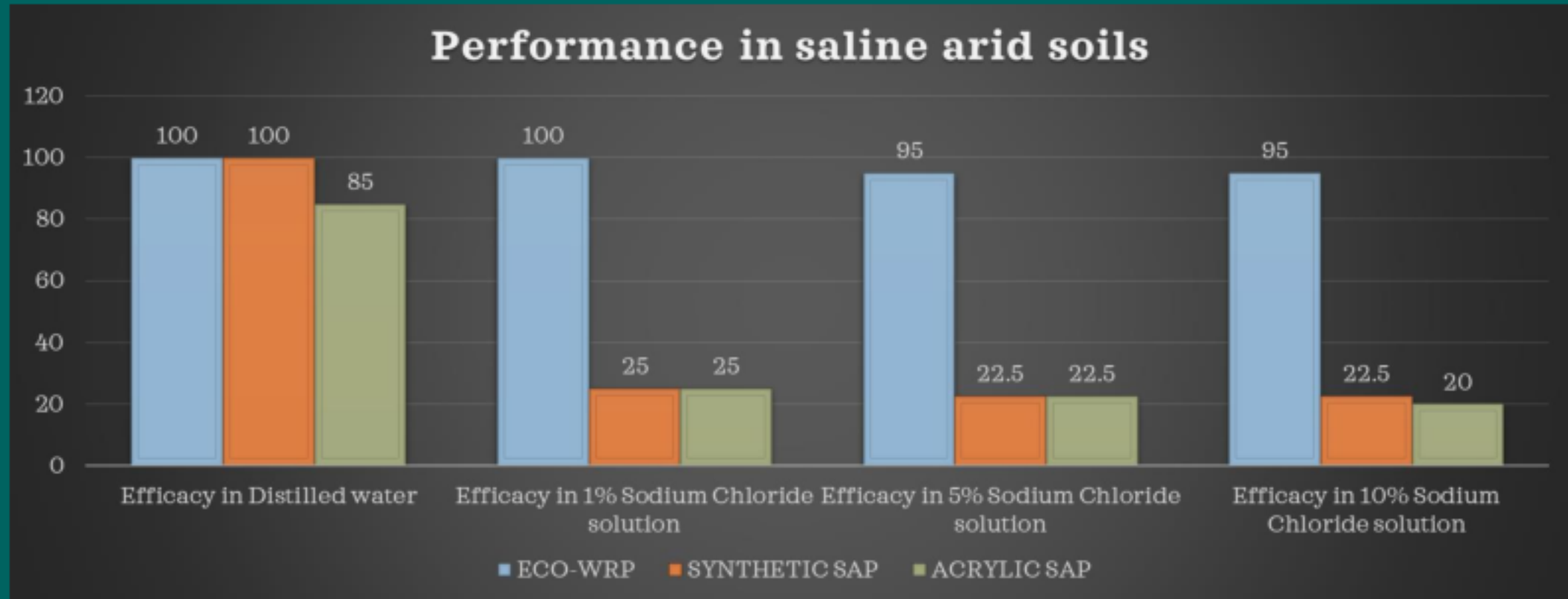


ECO-WRP

Trials conducted during 2019/2020 – 2020/2021 seasons

Crop	Dose kg/ha	Study period (Year)	% Yield over control	Irrigation
Onion	2.5	1	67.9	Drip
Cauliflower	2.5	1	100	Drip
Tomato	2.5	1	52.3	Drip
Sugarcane	2.5	1	13.1	Foliar
Soybean	2.5	1	10.1	Foliar
Mustard	2.5	2	14.3	Rainfed
Wheat	2.5	2	18.27	Rainfed
Groundnut	2.5	2	12.7	Rainfed
Potato	5.0	2	21	Rainfed

Comparative study of absorption



Not all water retaining polymers are the same!

Comparative study of various water retaining polymer features

	Poly carbohydrate	Semi bio-polymer	Synthetic chemical
IONITY	ECO-WRP NON IONIC	ANIONIC	ANIONIC ACRYLIC
PRODUCT NATURE	NATURAL BIO-POLYMER	SEMI-NATURAL	SYNTHETIC
SALINE RESIDUE	NONE	SODIUM	POTASSIUM
SALINE EFFECT	NONE	INCREASED ALKALINITY	INCREASED ALKALINITY
EFFICACY IN SALINE SOILS	EXCELLENT	FAIL	FAIL
TEMPERATURE TOLERANCE	EXCELLENT	GOOD	POOR
HARMFUL RESIDUES	NO RISK	MEDIUM RISK	HIGH RISK
PRODUCT COST	LOW	HIGH	HIGH



The Evolution of ECO-WRP To Nature Soak

With the addition of Saponins, Betaines, Polysaccharides, and Alginic Acid to Optimise Nutrient Absorption, Stress Tolerance, Increased Soil Structure and Aeration, Bio-Stimulant Properties & Disease Resistance



Revolutionise farming & gardening with Nature Soak

A new business with significant experience

The evolution of ECO-WRP to Nature Soak now a carefully crafted formula which combines the natural potency of Saponins, Betaines, Polysaccharides, and Alginic Acids to address the challenges of hydrophobicity, enhance stress resilience, and optimize nutrient assimilation. Nature Soak is designed to transform arid soil surfaces into thriving, moisture-loving havens for plant life.

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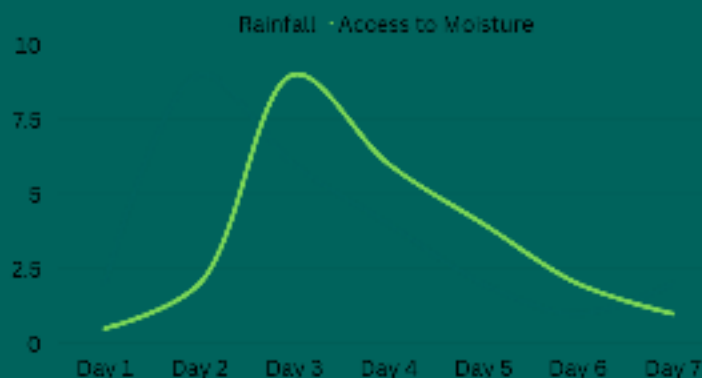




How it Works

The Problem

Access to moisture is the most important factor in plant growth, but water usually filters through soil and away from plant roots quickly, giving inconsistent access to the moisture which is often reflected in inconsistent rates of growth.



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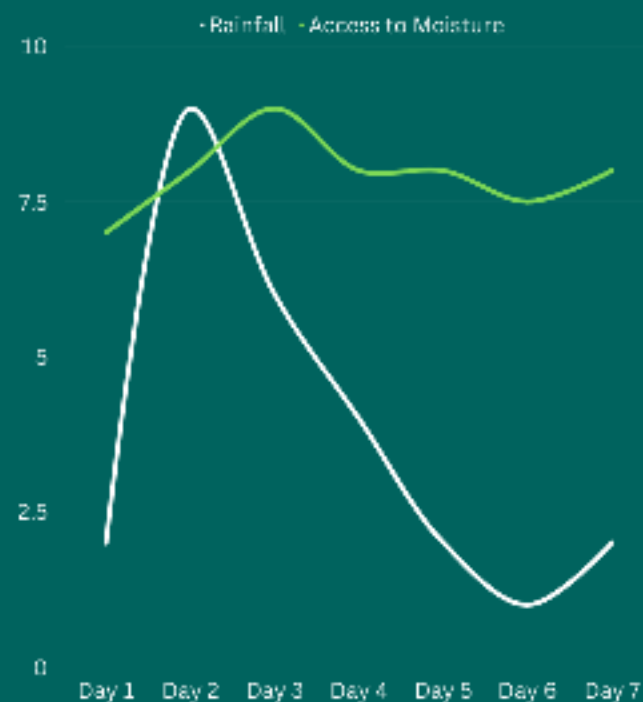


Nature Soak Gel holds water & nutrients in the soil around the plants roots

The Solution

When mixed with water Nature Soak forms a natural water-binding gel which, when applied to the plant-base area forms a reservoir of moisture held in the soil around the plants roots, giving consistent and sustained access to the moisture essential for growth.

The gel also contains 100% natural nutrients and growth stimulants, giving the plant consistent and sustained access to everything it needs to grow & thrive



Product Pillars



Pillar 1

Nature Soak forms a natural water-binding gel which, when applied to the plant-base area forms a reservoir of moisture held in the soil around the plant roots, giving consistent and sustained access to the moisture essential for growth



Pillar 2

Hydrophobicity Reversal
Nature Soak's Saponins work tirelessly to combat hydrophobicity, effectively releasing soil surfaces from their water-repellent nature. Say goodbye to parched, unyielding soil and welcome a new era of water absorption and retention.



Pillar 3

Stress Resilience
Betaines, the unsung heroes of Nature Soak, empower your plants to stand strong against both biotic and abiotic stresses. Watch your greens flourish even in the face of challenges, as Nature Soak helps bolster their natural defences.



Pillar 4

Nourishment
Polysaccharides are the lifeblood of soil and plant health. Nature Soak's unique blend feeds the soil ecosystem, fostering a nutrient-rich environment that nurtures not only your crops but also the essential microorganisms that contribute to their vitality.



Pillar 5

Nutrient Superhighway
Alginic Acids pave the way for improved nutrient assimilation, ensuring that your plants absorb the goodness they need for robust growth. Say hello to healthier, more vibrant vegetation that thrives from root to leaf.



Benefits

Reduced run off and water pollution
Increased yields and consistent qualitative growth



50-70%
less Nutrients/ fertiliser



40%
less water
required



30%
increase in
growth



100%
plant based & chemical
free



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