SOAK-N-WET †

For SOIL WETTING and WATER RETENTION

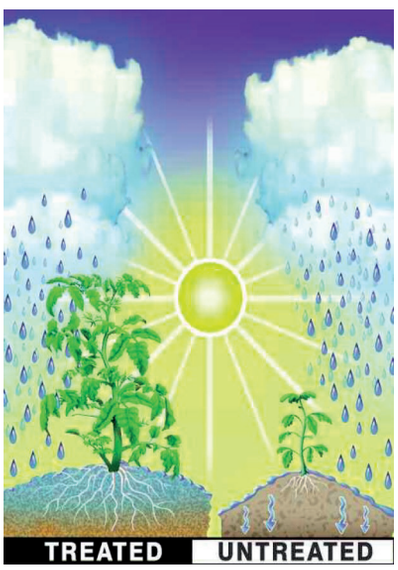
- Provides excellent wetting of all soils including hydrophobic soils
- Promotes even penetration of water into the soil profile reducing run-off
- Increases water availability for plants by retaining water in the root-zone, reducing evaporation and leaching
- Improves re-wetting of treated soil

Product Description

Soak-N-Wet is a soil wetting and retention aid containing a non-ionic wetting adjuvant and water a retaining polymer which can be used in many situations including broadacre, horticulture, viticulture, orchards, turf and home garden.

Product Performance

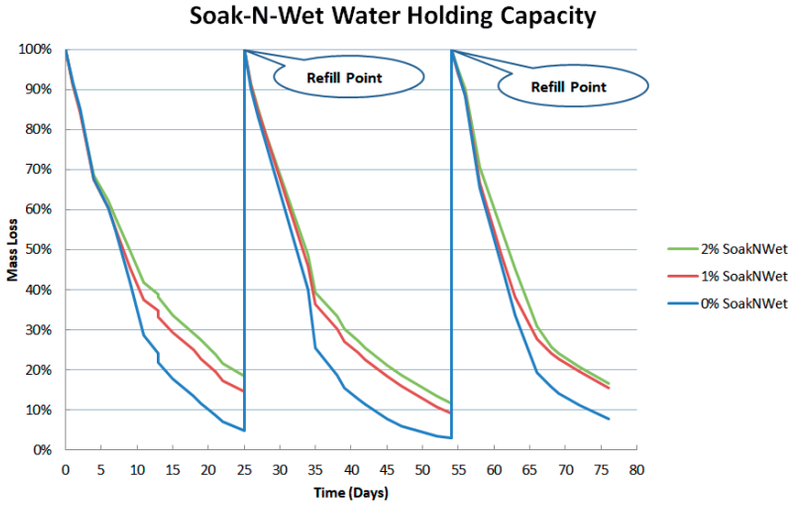
WATER RETENTION: Soak-N-Wet contains a wetting agent system which helps spread water both across and through the soil as well as a water retention polymer which holds water in the root-zone slowing the evaporation rate and minimising leaching.



Laboratory experiments compared different application rates of Soak-N-Wet with untreated soil to measure water retention in the soil profile. A packed, open column of dry hydrophobic sandy soil was treated with Soak-N-Wet at a 1% and 2% of water dilution. The columns were then allowed to stand so that the water could evaporate. Once dry, at day 24 and 54 each soil sample was re-wet with standard volume of water and allowed to again evaporate.

The graph below demonstrates Soak-N-Wet retaining more applied water over the 75 day period with three continuous wetting and drying cycles. One application of Soak-N-Wet was applied on day zero.

Soak-N-Wet Water Holding Capacity



Product Bulletin

SOAK-N-WET†

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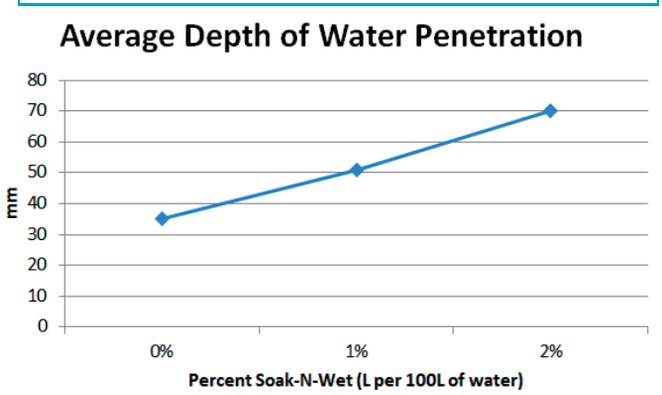
Soil Wetting

WETTING: Soils can become resistant to absorbing water (hydrophobic) due to vegetative degradation or fungal and microbial activity that builds up as waxes on the soil particles. The soil then becomes water repellent causing run-off, channelling of water and erosion. Soak-N-Wet can overcome this water repellence by thorough wetting of even the most hydrophobic soils, allowing an even penetration of water into the soil profile.

Penetration Data



Key Benefits

- **Excellent wetting even the most hydrophobic soils**
- **Retains water in the root-zone**
- **Increases water availability to plants**
- **Improves re-wetting of soils**

The Company

Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.

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Suggestions for use

Typical use rate for all applications of Soak-N-Wet 2 to 10L/ha diluted in 500 – 2000L/ha of water (see label for more detailed instructions for use rates and mixing)

- **Broadacre** – apply as banded spray directed behind press wheels.
- **Horticulture, viticulture, orchards and gardens** — apply to beds or directed to above root-zone. Avoid direct contact with sensitive foliage as burning may result.
- **Irrigation Systems** – pre-dilute 1 part Soak-N-Wet in at least 100 parts water before adding into feed line. Apply to irrigation feed line at start of irrigation period.
- **Turf** – apply in a minimum of 2000L of water per hectare. Watering after application is recommended to protect turf from burn and to ensure Soak-N-Wet enters the soil.

General Specifications

Appearance	**Clear Liquid**
Specific Gravity (20ºC)	**1.02**
pH	**7**

Victorian Chemical Company Pty. Limited
83 Maffra Street, Coolaroo, Victoria 3048, Australia
Telephone: (03) 9301 7000 Facsimile: (03) 9309 7966
Website: www.vicchem.com Email: products@vicchem.com

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