

A close-up photograph of several pink frangipani petals. The petals are a vibrant pink color with some white, irregular spots or lesions on their surface. The background is a blurred green, suggesting other leaves of the plant. A semi-transparent white horizontal band is overlaid across the middle of the image, containing the text 'Soil wetting agents'.

Soil wetting agents



Soil wetting agents

Hydraflo II

5.03

Hydraflo L

5.04



Hydraflo® II

Advanced dual action technology for better nursery, turf and landscape results

For immediate and long term response

The improved dual-action formulation of Hydraflo II and the easy-to-use granules deliver immediate action as a topdress application and improved efficacy incorporated in soils and potting mixes over a longer period of time. Hydraflo II creates an ideal balance of air and water that results in healthier, higher quality plants.



The ideal summer rewetter

Hydraflo II effectively decreases water surface tension and aids in the successful rewetting of soils in summer and dry periods. Hydraflo II allows for better water penetration and absorption which encourages deeper, stronger roots and healthier plants.

The ideal winter drainer

Hydraflo II encourages free drainage from waterlogged soils in winter and during heavy rainfall. This inhibits surface moss, algae growth and soil borne pathogens. When waterlogged soils drain, air is allowed into the root zone enabling the plant to take up valuable nutrients.

Made in Australia for varied conditions

Hydraflo II can offer real help for overcoming extremes in weather, as well as hydrophobic soil conditions.

Guaranteed analysis

Blended Non-ionic Surfactants	15%
Inert Carrier	85%

Turf application rates

Application Timing	Application rate (per 100m ²)	Water
Season Long	20-25 g/m ²	4-6 mm
Bi-monthly	10-15 g/m ²	4-6 mm

Nursery potting soils application method

Hydraflo II is an ideal additive to both peat and wood waste based nursery potting media, to aid in rewetting of dried mixes, and drainage in waterlogged mixes.

Rates of application

- For general nursery and greenhouse potting mixes – incorporate at the rate of 1kg per cubic metre of soil
- Propagation and plug mixes – incorporate at the rate of 0.3kg per cubic metre of soil

Key features and benefits

Feature	Benefits
Granular product	Easy to apply as a topdress or to incorporate in soil mix
Complete formula	No mixing required, minimises risk of application mistakes Safe for use in any season
Improved active ingredient	Improves soil drainage Greater efficiency of irrigation No dry spots Encourages deeper, stronger roots Inhibits the growth of moss, algae and soil borne pathogens Can increase water retention without decreasing air filled porosity Improves efficiency of soil fungicides and fertilisers Improves Cation Exchange Capacity (CEC) of soilless potting mixes Low rate of use significantly reduces cost per cubic metre

Hydraflo® L

A new generation wetting agent that can be used in nursery situations and on all types of sports and amenity turf without any adverse effect on soil structure

- Uniform wetting to avoid summer dry patch
- Long term performance enables rewetting of dry soils
- Aids infiltration and drainage for deeper stronger roots
- Safe for use on all ornamental plants including turfgrasses
- Available in 5L, 20L and 200L containers



General information

Hydraflo L is a liquid soil wetting agent that is as safe for use on delicate ornamental flowering plants as it is on turfgrass greens, sportsfields and lawns. Hydraflo L effectively decreases water surface tension aiding the successful rewetting of soils in dry summer periods, eliminating localised dry spots and increasing the uniformity of wetting throughout the soil profile. By allowing for better water penetration and absorption, Hydraflo L helps grow deeper stronger roots. Hydraflo L encourages free drainage from water logged soils in winter and during heavy rainfall. This inhibits surface moss, algae growth and soil borne pathogens. When water logged soils drain, air is allowed into the root zone enabling the plant to take up valuable nutrients.



Nursery and horticulture application rates

Situation	Rate	Application Frequency
Propagation and plug potting mixes. 150 mL Hydraflo L diluted in sufficient water to evenly distribute through 1m ³ .	1 : 1000 10 mL Hydraflo L to 10 litres water	4 months or as required
Nursery and greenhouse potting mixes. 75 mL Hydraflo L diluted in sufficient water to evenly distribute through 1m ³ .	1 : 500 20 mL Hydraflo L to 10 litres water	6 months or as required

Prepare sufficient solution of Hydraflo L with water (at the specified dilution rate) to treat the intended volume of growing media. Use this solution to thoroughly soak the soil media. No extra irrigation is required beyond initial drenching, other than normal irrigation practices.



Graphical Representation

(Left) Not treated by Hydraflo Application of coloured water demonstrates uneven water distribution and lack of moisture and nutrient retention in the root zone.

(Right) Treated with Hydraflo Treatment with Scotts Hydraflo ensures an even matrix flow retaining moisture and nutrients in the root zone.

Turf and amenity application rates

Situation	Rate	Application Frequency
Greens and fine turf, lawns and landscapes.	0.125 - 0.375 L/100 m ²	3 months or as required
Fairways, Sports turf, lawn turf and landscapes.	0.375 - 0.625 L/100 m ²	8 months or as required

Apply in advance of expected dry patch formation. Hydraflo L is a polymeric wetting agent that rewets readily after treated soil has been dry for extended periods.

Application through boom spray should use a minimum dilution of 1 part Hydraflo L to 200 parts water (1.0 litres Hydraflo L in 200 litres of water). Additional irrigation (3-6mm) should be applied to ensure the Hydraflo L is thoroughly watered into the soil profile.