

MP STRIKE

PENETRATES FAST FOR ENHANCED INFILTRATION

5 UNIQUE FEATURES

- Increases penetration for faster infiltration
- Repairs the effects of dry patch by uniformly rewetting soils
- Useful in optimising placement of soil applied drenches
- Helps drain soils to reduce the effects of cold, wet weather
- Added soil complexing organics enhance nutrient availability

MP STRIKE is a penetrant that helps speed infiltration and thoroughly wet the most hydrophobic of soils. A solution for faster and better wetting, MP STRIKE is designed specifically to complement its soil moisture care colleagues, MP SHIELD and MP SUSTAIN. MP TRIPLEPLAY combines all three products in a dry granular form.

MP Soil Moisture Range

The most fundamental requirement for soil moisture care is enhancing penetration (MP STRIKE). Where both penetration and protection against dry patch is required, the solution is MP SHIELD. While to promote soil moisture holding on free draining soils, MP SUSTAIN is tailored as a booster to extend the gap between irrigation events, so that at risk turf survives for longer.

MP STRIKE is effective at rates as low as 5 L/ha. To capture some rewetting activity out to two weeks, apply at the higher rate of 20 L/ha.

The soil complexing organics in MP STRIKE are included at formulation as much for their root stimulating effects, as they are for their enhanced wetting and soil conditioning capability. Turf friendly is an important attribute that stands MP STRIKE apart from its competitors. Even at the high rate of 20 L per hectare, when applied as directed, MP STRIKE is safe for use on all turf surfaces.

MP STRIKE is versatile as a tank mix for most turf chemistry, however as for most product a simple jar test is encouraged prior to first time inclusion to confirm compatibility. In this capacity, MP STRIKE will enable less water to be required in the delivery of turf chemistry to the root zone when that is what's required.

PRODUCT SPECIFICATIONS

A blend of short and medium chain polymeric wetting agent compounds, with biologically active substances derived from humates.



PRODUCT INFORMATION

Composition

Translucent Brown Liquid

Net Volume

*20 L

**200 L

Coverage

*1-4 hectares

**10-40 hectares

SOIL MOISTURE RANGE

A systems approach to water use efficiency. MP STRIKE works well on its own but it has been designed to work best when used in a system with MP SHIELD and MP SUSTAIN.

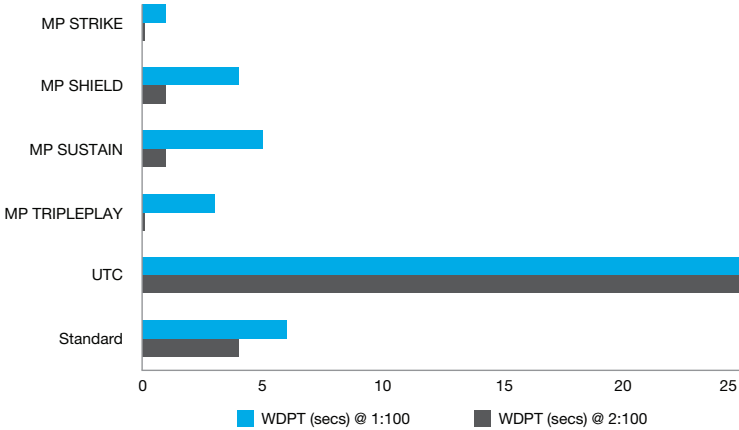
**PENETRATE.
PROTECT.
PROMOTE.**

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TRIAL INFORMATION

WATER DROPLET PENETRATION TEST



Test description

Water droplets from candidate solutions were placed on surface of a soil with demonstrated hydrophobicity and the time taken to soak away was measured.

This test shows how MP STRIKE provides more effective wetting, resulting in less pooling and runoff with more soil water being held against drainage. The efficiency provided makes valuable irrigation go further by maximising the potential of each and every soil pore space.

Results

MP STRIKE demonstrates excellent penetration when compared to its fellow MATCHplay wetting agents, and especially against the untreated control. Even at the 1/200 dilution rate, MP STRIKE moves water quickly into the hydrophobic test medium.

Apply MP STRIKE alone, or in combination with materials that require uniform delivery into the rootzone of turf. MP STRIKE is safe on all turf when used as directed on the label.



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MP STRIKE - DIRECTIONS FOR USE

Situation	Rate	Comments
Greens, fine turf, sportsturf, fairways, lawns and landscape	5-20 L/ha	Apply where increased infiltration of rainfall or applied irrigation is required, or where soils are affected by severe hydrophobicity and uniform rewetting is required. Boom spray application should use a minimum dilution of 10 parts water to 1 part MP STRIKE (20 L-200 L water). Injection through irrigation should aim to achieve a minimum delivery of 5L MP STRIKE/ha.

For more information visit www.livingturf.com