



MP STRIKE

**PENETRATES FAST
FOR ENHANCED INFILTRATION**

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

TECHNOLOGY

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 the MATCHPLAY soil moisture products, MP SHIELD and MP SUSTAIN. MP TRIPLEPLAY combines all three products in a dry granular form.

The soil complexing organics in MP STRIKE are included at formulation for their root stimulating effects, their enhanced wetting and soil conditioning. Even at the high rate of 20 L per hectare, when applied as directed, MP STRIKE is safe for use on all turf surfaces.

USE PATTERNS

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.

MP STRIKE is versatile as a tank mix for most turf chemistry, however 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.

PRODUCT INFORMATION

Composition

Translucent Brown Liquid

PRODUCT SPECIFICATIONS

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

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

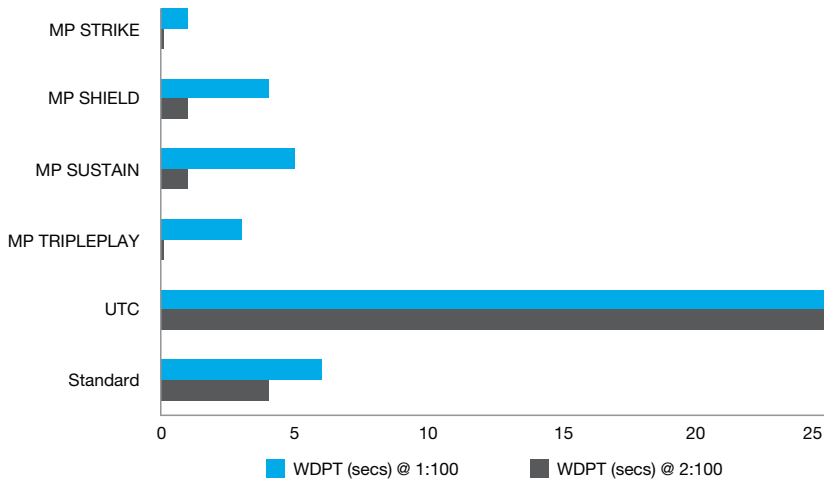
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TRIAL INFORMATION

WATER DROPLET PENETRATION TEST



Test description

Water droplets from candidate solutions were placed on surface of 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 other 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 root zone of turf. MP STRIKE is safe on all turf when used as directed on the label.

SOIL MOISTURE RANGE

MP STRIKE enhances penetration which is a fundamental requirement for soil moisture care.

When both penetration and protection against dry patch is required, the solution is **MP SHIELD**.

To promote soil moisture holding on free draining soils, **MP SUSTAIN** is designed as a booster to extend the gap between irrigation events.

MP TRIPLEPLAY combines all three products in a dry granular form.

MP SUSTAIN is not available in New Zealand.

**PENETRATE.
PROTECT.
PROMOTE.**