

Prevention from damage from heat and wind

ScudoTherm



Damage from heat and wind

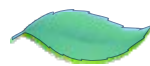
The high summer temperatures, wind and solar radiation increase transpiration beyond the absorption capacity of the roots. First occurs a progressive wilting, dehydration of the cells and oxidation of the compounds present in the vacuoles which cause browning up to the possible appearance of burns.



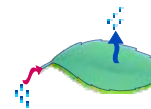
The action of ScudoTherm

The product is an antitranspirant that when is sprayed on vegetation it self-crosslink and form a semipermeable membrane that regulates the water exchanges.

The membrane formed by **ScudoTherm** limits the exit of water, electrolytes and other solutes, and therefore reduces the propagation of burns phenomena.



Self-crosslink and form
a semipermeable
membrane



Avoid excess
of transpiration



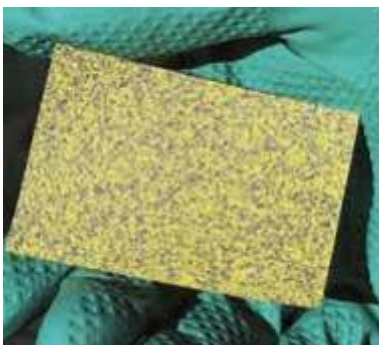
The application of ScudoTherm

Foliar application: For best action, apply 18-24 hours before the atmospheric event. The product maintains its effectiveness for about 10 days; this duration is influenced by climatic conditions, in particular by precipitation.

The membrane, although elastic, is unable to follow the growth of the plant; for plants in full development, it is necessary to repeat the application to ensure the effectiveness on the newly formed parts.

Dose for protection from sunburn from heat and wind:

10-15 ml/L (min. 5 L/ha).



Application warnings

The indicated dose refers to a **quantity of water of 300 L/ha**. If a **low volume system** is used (150 L/ha or less), it is advisable to use the minimum indicated dose of 3.5 L/ha and make sure that the distribution completely covers the surface of the leaves; otherwise, the product cannot be completely cross-linked and cannot provide complete protection, leaving uncovered parts of the vegetation.

In low and ultra-low volume systems **do not use the recuperator**.

We recommend the use of water sensitive papers to verify correct and even distribution.