



Encase Anti-transpirant

Improvement in heat, drought, transplant or cold desiccation stress.

Product Overview

- ENCASE is a water emulsifiable polymer concentrate for use on plants to reduce water transpiration and protection from climatic extremes. The soft, flexible film formed after the spray application dries, will significantly assist in the reduction of moisture loss from the plant foliage
- ENCASE is an Anti-transpirant for use on ornamentals to enhance transplant stress, cold desiccation or summer scald
- For use in Turf maintenance to reduce drought and heat stress and to provide a reduction in irrigation requirements
- For use in Turf maintenance to reduce cold desiccation and stresses associated with cooler growing conditions (eg. Frost)
- For use in Turf Production to assist in reducing harvest stress and improve replant establishment.

How Encase Anti-transpirant works

The active ingredients in ENCASE are non toxic, film-forming short chain polymers called Cyclohexane polymers. These polymers mechanically limit plant transpiration. Cyclohexane polymers are derived from specific fractions of pine resin materials. The cyclohexane polymers in ENCASE when sprayed on the leaf surface and exposed to sunlight and air, undergo a process of polymerisation to form longer chain, higher weighted molecules. After the water applied with ENCASE evaporates, a soft, flexible, multi-layered film is formed which degrades slowly over time, layer by layer. The film provided with ENCASE mechanically limits plant transpiration and moisture loss, providing a range of plant benefits including improvements in heat, drought, transplant and cold desiccation stress.

Use Rates

ENCASE Anti-transpirant can be used on all growing plants including: Turf, Roses, Flowering plants, Trees (Deciduous and conifers), Evergreens and Christmas trees.

Turf: ENCASE Anti-transpirant is applied at a rate of 5-20 L/ha (50 - 200 mL/100 m²) in turf situations. Ensure full coverage of the turf leaf, to maximise performance. No additional spreader is needed with ENCASE. Apply ENCASE at least one hour, during daylight, before an anticipated rainfall event. Sunlight for this time period, is critical for the protective film to set. ENCASE dries on plants to form a clear, glossy film which retards normal moisture loss without major interference to plant growth or respiration. Ensure turf being treated with ENCASE is not stressed (high or low temperatures or lack of water or waterlogging) before application. It is important to maintain adequate soil moisture prior to and post application of the anti-transpirant.



Images are illustrations, actual products may vary.



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Ornamentals and landscape plants: Spray or dip foliage before transplanting, to reduce transplanting shock. Use on established plants during the growing season to reduce summer scald and moisture imbalance stresses. Good spray coverage can usually be achieved on low growing plants with 1200 L/Ha of the spray mix. Be certain the bottoms as well as tops of leaves are covered by spray. ENCASE Anti-transpirant beautifies plants by leaving shiny leaf surfaces. For dip applications, maintain agitation by stirring the dip emulsion during the entire dipping period. DO NOT dip plant roots or wash/spray ENCASE solution into the root zone.

Features and Benefits

Features	Benefits
Improves plant performance in cold conditions	Better turf and ornamental plant quality year round
Reduces irrigation requirements	Reduces summer stress
Improves Plant Appearance	Provides a shiny leaf and allows for a better plant appearance following application
Improves quality of stock postharvest in turf production systems	Better turf quality, better success after laying
Minimal impact on Plant Growth and respiration.	Unlike some other anti-transpirant products, ENCASE doesn't impact negatively upon plant growth functions, other than limiting plant transpiration.



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