



a division of
Amgrow Australia Pty Ltd

PRODUCT INFORMATION SHEET

Umbrella 905 – Extender Sticker Spreader

Active Constituents: 905 g/L di-1-p-Menthene

Umbrella 905 from Barmac is a multipurpose spray adjuvant designed to extend the life of foliar applied pesticides and fertilisers in agricultural and horticultural situations. Umbrella 905 forms a rain fast film over the applied pesticide solution, securing it onto the leaf, reducing environmental losses and enhancing application efficacy. Umbrella 905 also optimises spreading and surface coverage on hard to wet plant surfaces, further improving application results.



Benefits:

- Premium multi-purpose adjuvant for use in a broad range of situations.
- Reduces off target drift, improving environmental safety
- Improves rain fastness of contact protectant chemistries
- Increases penetration efficacy of systemic chemistries into the plant
- Enhances spreading on hard to wet plant surfaces
- Soft on the plant's cuticle – excellent plant safety

Product Characteristics:

Colour	pH	Specific Gravity
Amber	Neutral	0.94

Pack Size:

Available in 5L and 20L packs

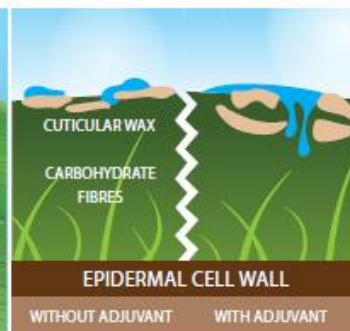
1 MINIMISE DROPLET REBOUND.



2 MAXIMISE DROPLET LEAF COVERAGE.



3 ENHANCE SYSTEMIC MOVEMENT.



4 REDUCES LOSSES TO ENVIRONMENTAL FACTORS.





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Application:

Umbrella 905 is an extender sticker spreader agent designed to control the life of pesticides. It is compatible in the spray tank with pesticides and fertilisers. Under most conditions, apply sprays containing Umbrella 905 with at least an hour of daylight, before anticipated rain. Sunlight is needed for the protective film to set. Umbrella 905 has the ability to allow secondary applications to penetrate.

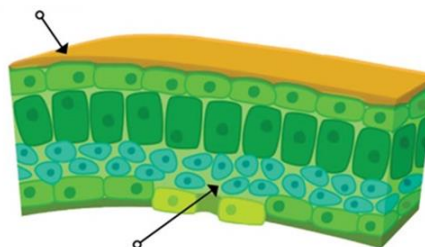
Add Umbrella 905 to the spray tank as the last ingredient. Rinse tank, lines and nozzles, immediately after spraying with water. After rinsing, there may still be a small amount of sticky residue in the tank. This will help to prevent rusting and corrosion. It will not clog nozzles when sprayer is next used. If spray happens to hit non-target surfaces, it can be removed with soap and water. If dried or set, use premium grade kerosene.

Directions for use (Refer to product label for more detailed instructions):

PURPOSE	FOLIAR RATE	SITUATION
AS A STICKER to control the life of the pesticide by forming a sticky elastic film that encapsulates and holds the pesticide on the crop foliage	200-300 mL/ha	For application to all crops with pesticides or foliar fertilisers
AS A SPREADER helps the pesticide spray spread out uniformly on hairy or waxy plant parts to get into cracks and crevices		
AS AN EXTENDER to extend the time between sprayings of some pesticides by up to 7 days*	1.2 L/ha	Do not apply Umbrella 905 within 30 days of harvest of food unless under specific spray applications. Specific Applications Caution: Umbrella 905 can be used with copper fungicides and tolerance exempt pesticides on food crops right up to harvest. The use of Umbrella 905 on tolerance exempt pesticides close to harvest may result in visible residues on crops that may render them unsaleable. If this becomes a problem, the rate of Umbrella 905 should be reduced or stopped altogether.

Cross section of leaf, showing how Umbrella 905 Extender Sticker Spreader interacts with the leaf structure and penetrates into the plant tissue

Umbrella Layer



Umbrella integrates with the wax cuticle of plants without damaging them

This helps systemic products and foliar fertilisers to easily penetrate into the plants tissue