

ENVY

DESCRIPTION

Envy is a unique water emulsifiable polymer concentrate, which can be used on most trees, vegetables and flower crops. When dry, Envy forms a semi permeable, biodegradable film, which reduces transpiration and protects plants from climatic extremes.

PRODUCT FEATURES

- Envy can increase frost tolerance by as much as 4°C.
- Envy can reduce moisture losses through transpiration by up to 50%, reducing drought stresses and irrigation.
- Envy will not impede photosynthesis and normal plant growth.
- Envy is non-toxic, pH neutral and biodegradable.

GENERAL APPLICATION RATES

FROST PROTECTION		
Use	Product	Application
First Application	5 % dilution, up to a maximum of 20L/Ha	Use sufficient water to ensure complete coverage.
Second Application	3 % dilution, up to a	

PRE-HARVEST TO REDUCE FRUIT DROP AND SUNBURN		
Product	Water	Application
10L/Ha	Minimum 250-1000L	Use sufficient water to ensure complete coverage.
1% of water volume	1000-2000L	
See overleaf for application rates for specific crops.		

COMPATIBILITY

Do NOT combine with any other pesticide or fertilizer in spray tank.

APPLICATION

All anti-transparent spray applications must be applied for full coverage or used as a dip.

Envy should not be applied during flowering as it can create a barrier to pollination. Envy should be applied 24 hours before adverse weather conditions. Apply when there is sufficient daylight time to dry, minimum 4 hours of sunlight. Foliar fertilizers and pesticides should be applied prior to an application of Envy or 2 weeks after application, as Envy may inhibit absorption of some systemic products. Avoid foliar application when ambient air temperature exceeds 35 degrees Celsius.

Before Use: Use only when water and air temperatures are above 5°C.

Ensure equipment is thoroughly rinsed.

Mixing: Water must be of good quality or coagulation of Envy may occur. Wetting agent should not be necessary. Agral 600 or similar may be used if required. Avoid foaming by adding Envy to spray tank after water has been added.

Spraying: Apply in high volume with small droplet size recommended, spray to run off to achieve full coverage. All surfaces must have coverage.

Clean Up: Rinse well with water immediately. Dried Envy may be removed from machinery with a diluted ammonia solution e.g. 2-5% w/v. Ensure equipment is thoroughly rinsed after use.

Shelf Life: Envy may be stored, undiluted, for up to five years in a sealed container away from heat and light.

Withholding Period: Envy has no withholding period.

SIZES

Envy is available in five sizes:

500ml, 1 Litre, 5 Litre, 20 Litre, 200 Litre, 1000L

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USE	PRODUCT	APPLICATION
Winter Protection -		
To reduce winter damage caused by frost and cold desiccation.		
Apples	2.5L/100L	1st spray apply after petal fall and fruit set, 2nd spray 21 days later. Max-
Citrus	1L/100L	2000L water/Ha Early Winter for frost protection from scarring and marking.
Fruit Trees	2L/100L	Early Spring for bud protection. Spray after petal fall.
Vegetables	2.5L/100L	Early Spring/Autumn to reduce winter damage.
Vines	5L/100L, 2.5L/100L	Apply early Spring, 5 days after bud burst to reduce winter damage. To protect new growth spray again in 7, 10 and 14 days.
Nut Trees	2.5L/100L	Early autumn for frost protection. Repeat after fruit set and 30 days before harvest.
Tree Plantations	2L/100L	Wet all foliage as protection against frosts and dry out for established plantings.
Cotton	2L/100L	Min 100L/Ha spray 1st application at 1st flower, 2nd application 21 to 28 days later.
To reduce transplanting shock and other uses.		
Transplants	5-10L/100L	Water well 24 hours before transplant. Thoroughly saturate seedlings.
Bedding Plants	5L/100L	For frost and wilt stress spray before hardening off or transplanting. Spray before transportation to reduce damage.
Flowering Plants	5L/100L	Spray for transportation protection. Reduced wilt and extended flowering time.
Indoor Foliage	5L/100L	Spray for extend maintenance and leaf gloss.
Turf Transplants	5-10L/100L	Apply after watering and before lifting.
Deflasking	100ml/10L	Spray or dip plants when deflasking