

# Envy

## CROP PROTECTANTS

### TECH SHEET

Bio-shield polymer for protection against summer heat and winter frost.



### 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.

### 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 fertilisers 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.

### ANALYSIS

#### COMPOSITION

Carboxylated Hydrophilic Polymer

### PRODUCT CHARACTERISTICS

COLOUR	S.G.	pH
Opaque White	1.00 - 1.05	11 - 12

### SIZES

5 Litre, 20 Litre, 200 Litre, 1000 Litre

### APPLICATION RATES

#### APPLICATION FOR FROST PROTECTION

USE	RATE / WATER	COMMENTS
First Application	5 L/100 L	Use sufficient water to ensure complete coverage
Temperature Sensitive Crops	10 L/100 L	
Supplementary Application	3 L/100 L	General application ranges from a minimum of 10 L/ha to a maximum 20 L/ha
High Water Rate Application	1 L/100 L	

#### PRE-HARVEST TO REDUCE FRUIT DROP AND SUNBURN

RATE	WATER	COMMENTS
10L/ha	Minimum 250 - 1000 L	Use sufficient water to ensure complete coverage
1% of water volume	1000 - 2000 L	

NOTE: For specific application rate's contact 1800 802 801 for our product information sheet

#### REDUCE TRANSPLANTING SHOCK

USE	RATE / WATER	COMMENTS
Transplants	5 - 10 L/100 L	Water well 24 hours before transplant Thoroughly saturate seedlings
Bedding Plants	5 L/100 L	For frost and wilt stress spray before hardening off or transplanting Spray before transportation to reduce damage
Flowering Plants	5 L/100 L	Spray for transportation protection Reduced wilt and extended flowering time

### OTHER INFORMATION

All AgroBest nutrition products should be applied in conjunction with a specific nutrition program recommend by an AgroBest consultant based on soil/sap analysis. Do NOT combine this product with any other pesticide or fertiliser in spray tank. Ensure all product labels are read carefully. Refer to AgroBest's Compatibility chart for further information. In all cases a check for compatibility prior to tank mixing is essential. Adding Agro Chelate to tank mix will assist in compatibilities.

