



## Greenhouse Films

A range of innovative, high performance films that deliver excellent agronomic results proven by the experience of growers and by development and evaluation programmes with universities and research institutes.

### Standard UVI Film

High light transmission, good mechanical properties and excellent durability make our standard UVI films ideal for applications where there is little to be saved on heat inputs and where condensation is not a potential problem to plant growth.

### Politherm™ Plus

The result of our on-going review and development programme, Politherm is a long lasting, anti-condensate film with good thermic properties and additives that help control the condensation of water on the film. Its improved formulation incorporates a UV blocker to help reduce the risk of disease by insects.

### Luminance THB™

This new generation film combines great thermic and light transmission properties. Its high diffusion characteristics make more light available for plant growth and can help to control peak temperatures and reduce plant scorching. Trials have demonstrated the production of high yields of excellent quality produce.

### Luminance THB AF™

Adds condensation control properties to all the positive attributes of Luminance THB, so further enhancing light transmission and reducing the risk of plant damage.

### Politherm™ & Luminal™

Thermic films that are further enhanced by long-lasting condensation control properties. When properly installed, water will condense uniformly on the film rather than as droplets. This, in turn, improves light transmission and reduces the risk of water falling on to the plants below, reducing the risk of damage and disease.

### Lumitherm™

A thermic film developed to help keep the growing environment warmer by reducing the heat lost through long wavelength infra-red radiation. Higher overnight temperatures encourage plant growth, can reduce plant losses and allow savings to be made on heating.

# Getting light, right.



## **FREVA™**

FREVA is a specially formulated fire retardant film that combines good light transmission and enhanced diffusion characteristics together with good flame resistant properties. It is particularly suited for garden centres and retail areas where it provides a good environment for plants whilst meeting stringent fire regulations.

## **Solatrol™**

Solatrol alters the ratio of red to far red light reaching the crop by absorbing light in the far red wavelength, removing the mechanism which can promote elongation and so reducing or eliminating the need for chemical growth regulators.



## **UV Transparent Film**

Unlike normal greenhouse films that prevent short wavelength UV light (UVB) from reaching plants, our UV transparent films allow UVB to enter the greenhouse thus enhancing the fragrance, taste and colour of the crops. In addition, UV transparent films promote plant anti-oxidants, which are good for health, and encourage stronger plants. This greatly benefits plant raisers and young plant growers as stronger plants can be easier to plant out thus saving time and raising productivity.

## **UV Blocking Film**

Visqueen UV blocking films absorb a much broader range of UV light than conventional greenhouse films, which usually only screen out the shorter wavelengths. UV blocking can help reduce insect infestations and the spread of diseases carried by insects, and can help control the spread of some fungal diseases such as botrytis. Screening out a wide band of UV light has also been shown to increase growth and yields of vegetative crops and plants grown for essential oils.