

Whatever you grow - We've got it covered

SunMaster[®]

SmartBlue[®]



Poly Tunnel Covers

USE SunMaster SmartBlue FOR

All bedding plant production.

Nursery stock where you want height reduction.

Good success has also been reported as a holding area for plants which are ready for sale, but not yet required.

Specification	
UV Guarantee	5 years
Life expectancy	7-8 years
Thickness	150 mu
Polymer make up	co extruded Pe/MLLdpe/EVA
Diffused	no
UV status	full UV transmission
Thermic	thermic ~ 85%
Anti Fog	yes
Light Transmission	~68%
Appearance	blue

DESCRIPTION

SunMaster SmartBlue is a new generation "smart" film which was developed specifically to give growth control. Since bedding plants are routinely dosed with chemicals for height reduction we could see big cost savings for bedding plant growers in developing this technology.

SmartBlue exploits the photoreceptors which all plants have and which monitor the spectrum of light which is available to the plant. We are exploiting the area of sensitivity which triggers a natural response in plants to reduce internodal length. For instance Spring Pansies will be about half the height under SmartBlue than if they were grown under a normal clear polythene. Not only do plants become more compact but the shelf life of bedding plants is increased to about 1 month. Flowering may be delayed by up to 2 weeks. The response will vary from plant to plant, some showing a greater response than others, but none of them will be any worse than growing under any other type of film.



SmartBlue is only Blue in colour because of the interference chemical we use to change the spectrum. It is very difficult to make a film which retains the spectral effect over such a long period and to our knowledge this is the only film on the market capable of doing so.

Grower trials have shown that SmartBlue makes a massive difference in the Spring but because of the reduction in light levels the effect for autumn crops is not as pronounced.

Bedding plant growers who have taken up SmartBlue comment that they don't know how they managed before switching to this technology.

Since it's original introduction 8 years ago we have been able to improve SuperBlue by also making it both Thermic and UV open. Normal films and glass block the UV below 350 Nms. but SunMaster SmartBlue transmits the same full spectrum of natural UV light that plants would get if they were grown outside giving you those same natural flower and leaf colours associated with outdoor grown plants. In addition SunMaster SmartBlue can save up to 15% of your heating costs and give up to 5 deg C frost protection without introducing any heat.

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