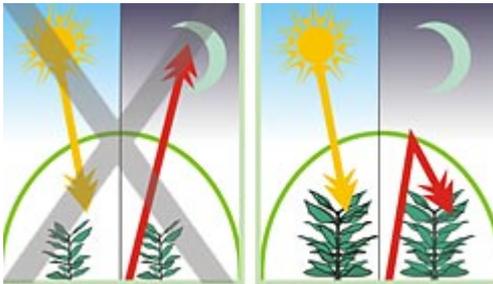


## Polythene

The polythene we use SunMaster SteriLite was the first commercially available film to block all the Ultra Violet light up to 380Nms. and won the award as the best new product at the Four Oaks Trade Show in the year it was introduced (1996).

Aphids see in UV light, so if you remove it they can't fly. They might enter the greenhouse but they won't colonise it, as they do with ordinary films. Botrytis and Mildew are very short lived and also need UV light to keep renewing themselves. Take the UV away and they struggle to survive. This also helps increase post harvest storage as there are less viable spores on the crop. This is known as Photological control and you don't have to use any chemicals so SteriLite is ideal for organic growers.

SteriLite SuperThermic diffused films also have an additive which reflects part of the infra red thermal spectrum. This reflection will not only make the greenhouse up to 10% cooler than a clear film in high sunlight conditions, but also gives a much more pleasant working environment. More importantly when there is a lot of IR A/B it lowers leaf temperatures, reducing tip burning and reducing moisture stress on the leaf and plant.



The Diffusion reduces the overall light levels, compared to a clear film, by about 1%. However winter light levels under SteriLite diffused are considerably higher than under glass or clear polythene films. This is because the light is deflected into the structure by the diffuser, rather than being reflected off again.

SteriLite SuperThermic can save up to 25% of your heating costs and give up to 7 deg C frost protection without heat.

Flower growers who have problems with disease prefer SteriLite film. If they have problems with short stems SteriLite will also increase stem length.

Flower growers use SunMaster SuperThermic Diffused UV natural films to increase colour intensity of the flowers, and sometimes to reduce stem length. SunMaster SuperThermic Diffused also reduces flower and leaf stress in strong sun conditions. Should bring forward harvest in spring and lengthen the growing season in the autumn.