



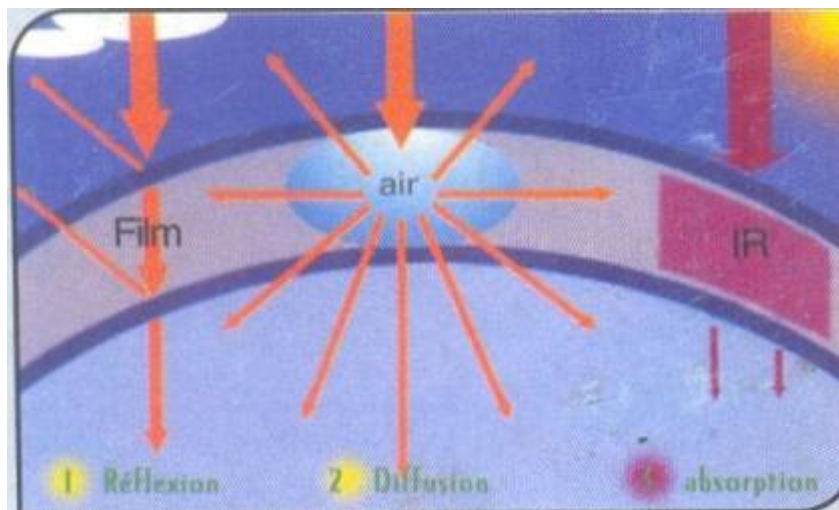
Oasis Irrigation Equipment Company Limited The "Rain Maker"

Oasis Irrigation Equipment Co Ltd, P-6, Scheme-VI, M(S), C.I.T, Kolkata-700054
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Oasis Poly Sheet

Technical Efficiency of Oasis Poly Sheet



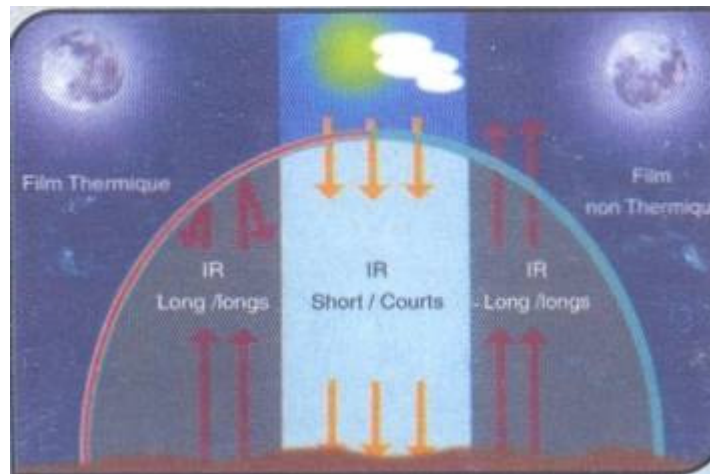
Cooling Effect:

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The cooling effect is achieved by combination of 3 effects:

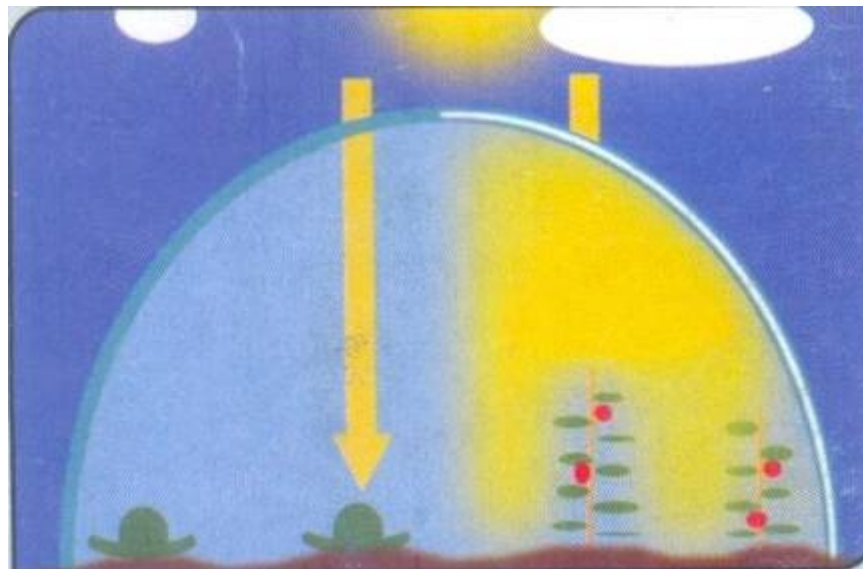
1. Reflection of light from the surface of the Film
2. Diffusion of light from the Film
3. Absorption of Short IR Rays by the Films.

Oasis Cooling Films combine these three effects ideally in order to allow the optimum photosynthesis of the protected crops.



Thermal Effect:

During the day the Short Rays (Short IR) enter the warm green house air and soil. During the night green house cools and the soil releases the heat stored (Long IR). These films better retain the long IR to improve the protection of the crop from frost, and ensure a better and earlier yield.

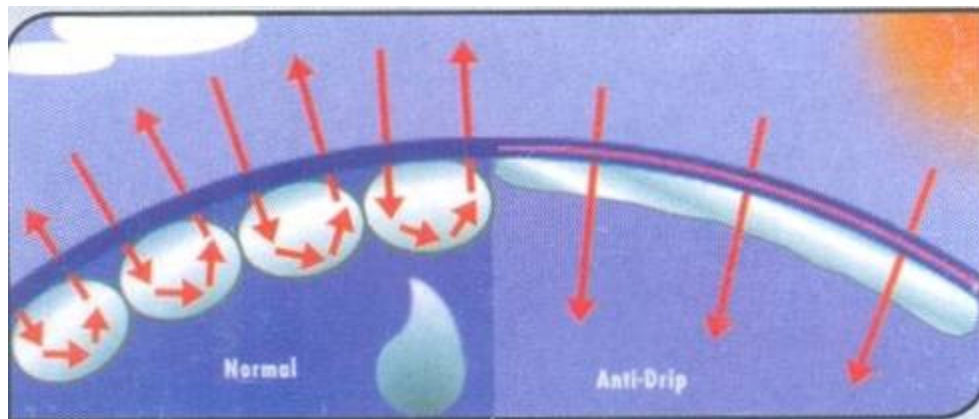


Direct or Diffused Light Effect

As opposed to diffusing films with dispersed scattered rays, crystal films allow rays of light to penetrate directly to the plant.

We offer a wide range of Crystal and Diffusing Films adapted to each crop.

1. Diffusing Films specifically for High Crops, which optimize photosynthesis, reduce burns and allows early harvest.
2. Crystal Films in order to capture maximum light for low crops and then improve the yield.



Anti Drip Effect

The condensation of water droplets on the Films has an important influence on crops.

- Reduction of light transmission due to refraction of light by the droplets.
- Plant burning due to Magnifying Glass Effect
- Weakening of certain crops from Dripping
- We propose range of Anti Drip Films which prevents formation of water droplets by creating a continuous layer of water which simply flows down the side wall of green house

Anti Dust Effect

Poly films have a tendency to attract dust. Over along period of exposure, considerable dust particles accumulate in the film. It leads to reduction in light transmission. This effect has a negative impact on growth of the plants resulting in lower yield and slower growth. Special additives in the films prevent permanent accumulation of dust particles.

There are 4 kinds of Poly Films which are best suited for Green House in India.

1. 200 Micro Meter UV Stabilized, Colourless and Diffused.
2. 200 Micro Meter UV Stabilized and Yellow Diffused.
3. 200 Micro Meter UV Stabilized, Yellow Diffused, Thermal, Sulphur Resistant, UV Blocking for Anti Blackening including Cooling Effect.
4. 200 Micro Meter UV Stabilized, Diffused with Cooling Effect.

Poly Films are available in standard length of 50 X 7 M.