

LLEAF

Luminescent-Light Emitting Agricultural Films
Supercharge Sunlight for
Supergrowth

About Us

We are an agricultural technology company that has created a unique technology that will allow growers to harness the power of sunlight better to increase yield and boost profit. LLEAF product is a retrofit film for greenhouse that contain luminescent material. This unique light modifying property will give plants more beneficial light spectrum that will improve not only yield but also give growers control over the timing of harvest. LLEAF film is easy to install, virtually zero operational cost, giving grower sustainable option to improve profitability.



Vision

To create the world most exciting agricultural material that will increase world food supply by harnessing the power of sunlight better.



Mission

Sunlight for supergrowth.
To accelerate the world's sustainable food

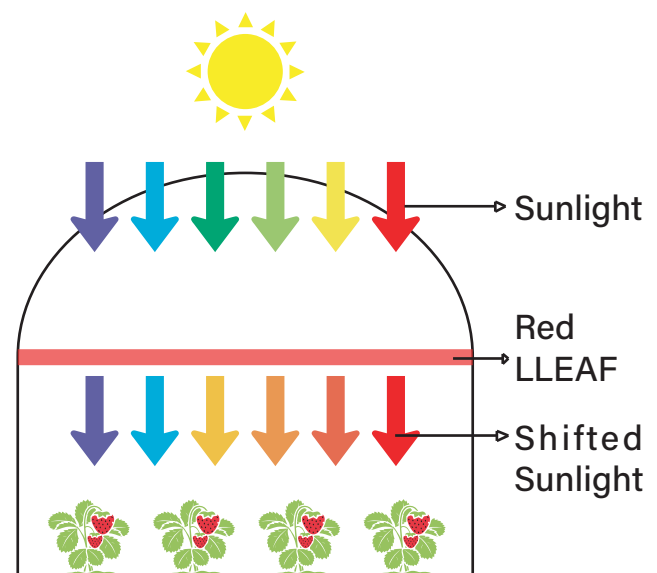


Benefits

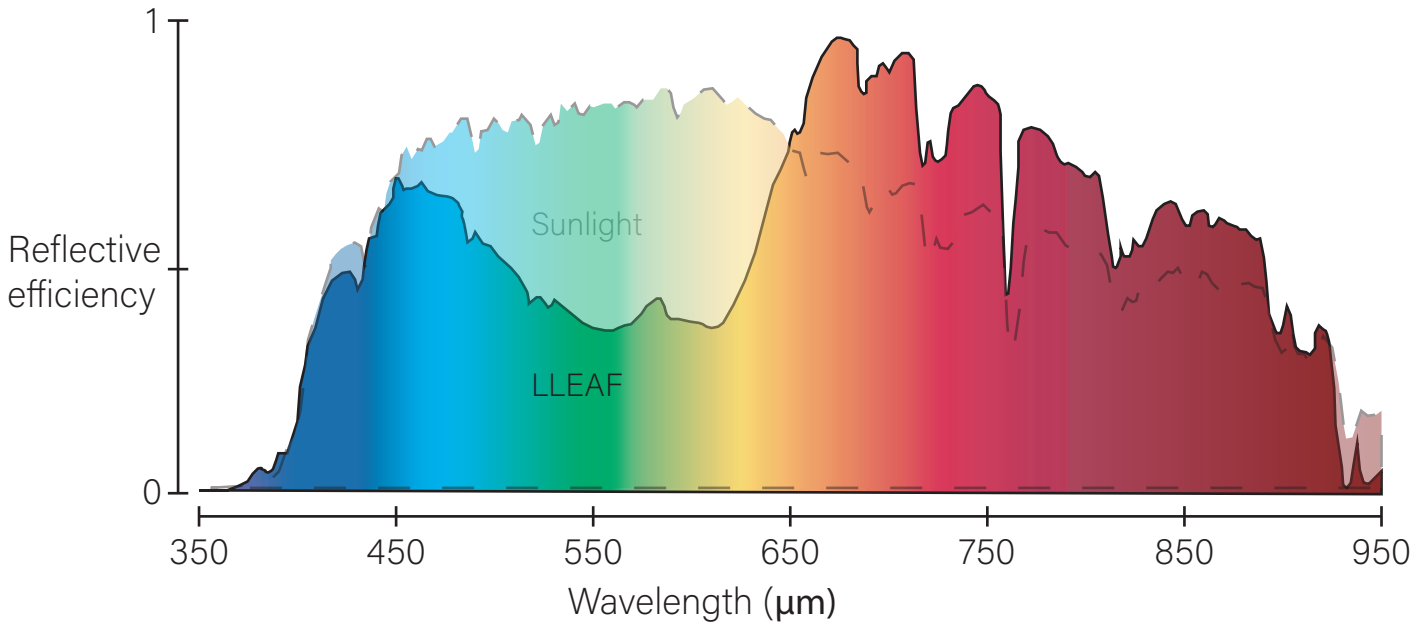
1. Boost yield
2. Harvest control
3. Virtually 0 OPEX
4. Fit into your greenhouse

How It Works

LLEAF material SHIFTS non-optimal light wavelengths or colors of sunlight to a more optimal one to enhance plant growth. i.e; Red LLEAF material shifts green (non-optimal) wavelength/color to red portion of the light spectrum.



Light Spectrum of LLEAF



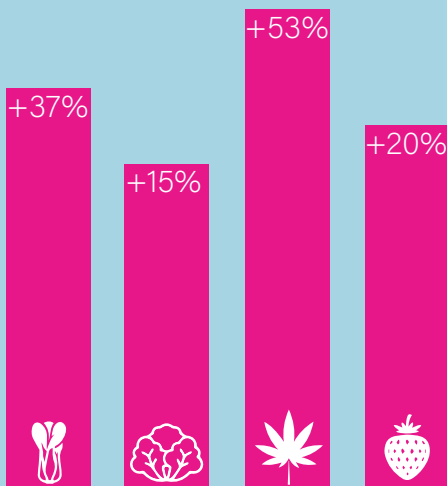
Our Product



We have range of different colours for different crops at different stages

*artist impression

Field Results







mini trials was done in various settings and measured in increase biomass except for cannabis (accelerate growth).

Tech Specification

Emission Wavelength	600nm or can be customized
Colour Composition	Can be customized
Film Thickness	350 µm
Film Width	1m

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