



SULFUR SAFE

**A NEW GREENHOUSE FILM
TOTALLY RESISTANT TO SULFUR**

The most secure solution for your greenhouse!

The problem

In recent years the use of Sulfur in greenhouses has increased a lot, due to its low cost and to its effectiveness against certain diseases. Being a natural and harmless product, there is no restriction in its usage for vegetables and flowers.

However, Sulfur is known to have a negative impact on the lifetime of greenhouse covers. It reacts with HALS UV-stabilizers and neutralizes them, thus leaving the film unprotected against UV-radiation and causing it to fail.

PLASTIKA KRITIS and other film producers have developed greenhouse films stabilized with special HALS, to reduce the harmful effect of Sulfur on the film. Nevertheless, when the amount of Sulfur exceeds certain levels, even films with the most resistant HALS can be degraded prematurely.



Yellow films stabilized with "Ni-quencher" have a very high resistance to Sulfur but their light transmittance is a little lower than of colorless films - so many growers don't prefer them.

The grower has a difficult decision to make :

- **Use more Sulfur, as needed by his cultivation ?**
- **Or limit its use, to avoid a negative effect on the lifetime of his greenhouse film ?**

The solution

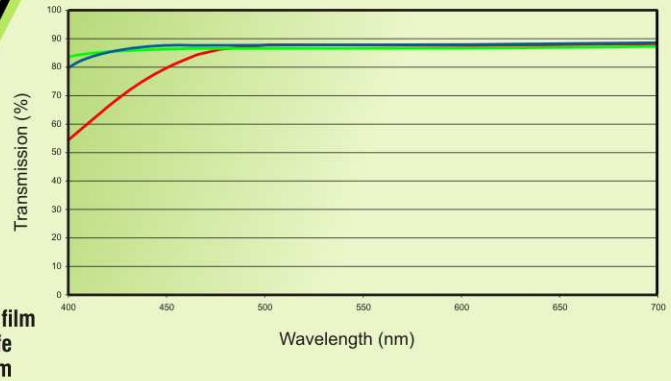
**PLASTIKA KRITIS PRESENTS "SULFUR SAFE" A
NEW FILM THAT COMBINES TOTAL SULFUR
RESISTANCE WITH HIGH LIGHT TRANSMISSION**

SULFUR SAFE

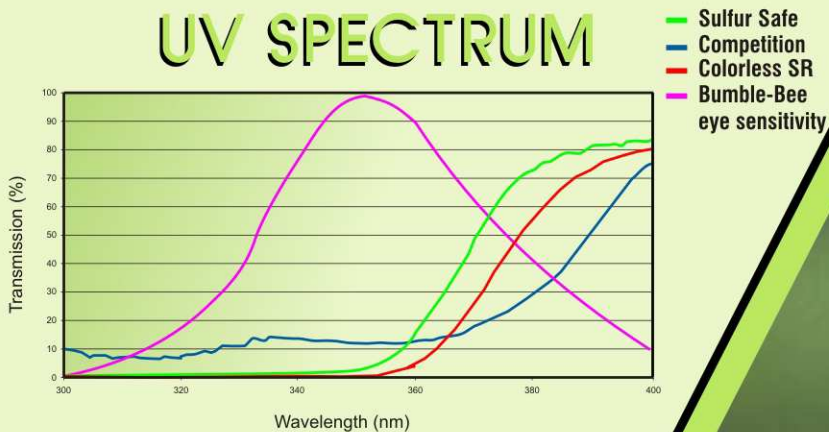
“SULFUR SAFE” films appear on the roll with a light greenish tint. However, when placed on the greenhouse the amount and quality of light received by the plants is similar to that of colorless films.

“SULFUR SAFE” films are more friendly to bumblebees and other pollinators, as they allow a larger window in the UV-spectrum for the bees to orient themselves and perform efficiently the pollination process.

PAR SPECTRUM



UV SPECTRUM



OPTIONAL CHARACTERISTICS

- Light diffusion
- Thermic effect
- Anti-dripping effect
- Anti-fogging effect
- Anti-dust
- Super strong

ATTENTION : Like every plastic product, “SULFUR SAFE” is sensitive to Chlorine, which damages not only the UV-stabilizers but also the plastic material itself ! To prevent damages from Chlorine, we recommend : i) spraying of Chlorine containing agrochemicals with care, as far away from the film as possible ii) avoiding the use of Chlorine containing detergents for washing the film or the structure iii) the use of VIF (films impermeable to gases) for the fumigation of greenhouses with chemicals containing Chlorine. **There is a limit on our guarantee regarding the level of Chlorine in the film.**