

PHASES

PRE APPLICATION
CRITERIA

PREPARATION
FOR SPRAYING



SPRAYING

CLEANING
AFTER SEASON

PRE APPLICATION CRITERIA

- Check weather forecast;
 - to ascertain no rain during and 2-3 days after application
 - to ensure calm weather at application
- Check if your sprayer and mixing device works properly
- Use 1,5-2 mm diameter nozzle for spraying

PREPARATION FOR SPRAYING

Mix necessary amounts of **GREENHOUSESHADER®** in a container with 8-10 times water of product's own volume as premix, ideally one night before, if not possible minimum 2 hours earlier than application. Complete the necessary amount of water before or after stand-by time.

Clean dirty surfaces with water and if necessary use brush, as **GREENHOUSESHADER®** sticks poor and gets washed off by rain easily if greenhouse surface is dirty

SPRAYING

- 1- Make calibration for necessary water volume for treatment area
- 2- Wait until all surfaces to dry after washing dirty surfaces
- 3- Fill some water into sprayer tank and pour pre mixed **GREENHOUSESHADER®** into sprayer tank. Fill up the tank as calibrated while mixing device of sprayer is on. Keep mixing until the end of application.
- 4- Hold the sprayer lance at approximately 45° angle while spraying on the surface
- 5- Spray homogeneously all surfaces without leakage.

CLEANING AFTER SEASON

In case of insufficient rain on summer; clean the treated surface with high pressure water, and if necessary use brush to clean the surface

NO ADDITIONAL SOLVENT REQUIRED TO CLEAN



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PROMOTIONAL VIDEO

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This brochure prepared to the best of our knowledge at the time of publication.

GREENHOUSESHADER®

Professional Greenhouse
Coating Product



DOĞAL

www.greenhouseshader.com

Special formulation for seasonal shading in your Greenhouses

SUN - Pros and cons



Pros: Sunlight is one of the key inputs for crop growth,

Cons: Excess sun light causes crop damage and yield loss.

- ✗ High light & high temperatures
- ✗ Solar stress & Sun damage
- ✗ Photosynthesis slowdown
- ✗ Lower yield and low quality
- ✗ Higher transpiration, Higher water and energy consumption
- ✗ High cost of production
- Difficult environment for worker, lower efficacy of worker

DISADVANTAGES OF..

- Lime, mud kind of unprofessional methods blocks also photosynthetic lights
- Most sun protectant products are in 20-25 kg packages and most of them require another solvent to clean

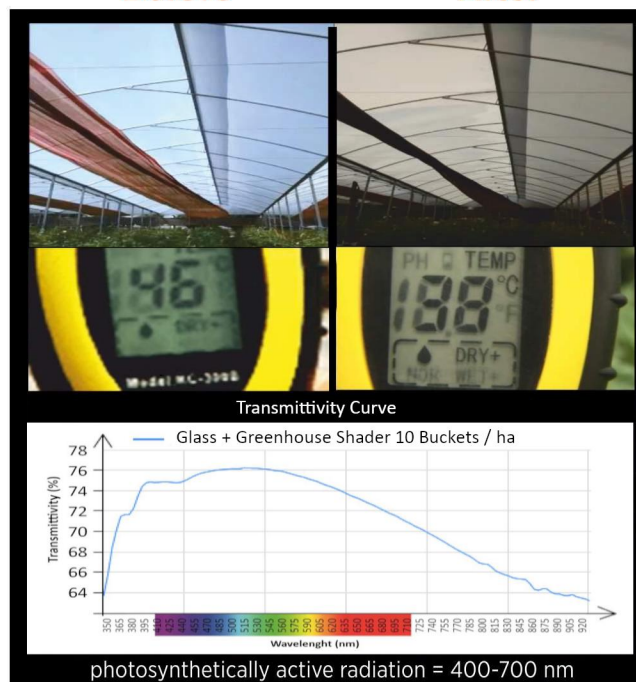
GREENHOUSESHADER®

- ✓ Filtrates suitable wavelengths for photosynthesis
- ✓ Logistics & handling advantage with 6L packaging and does not need an additional solvent to clean, only water.
- ✓ Same efficacy with lower dosage



Before

After



- ✓ Prevents excess sun light
- ✓ Decreases temperature to a suitable level for photosynthesis
- ✓ Prevents solar stress and sun damage
- ✓ Better photosynthesis
- ✓ Higher yield and quality
- ✓ Decreases transpiration, so less water and energy consumption
- ✓ Decreases cost of production

ADVANTAGES

- ✓ Better working conditions and more efficient workers
- ✓ Can be used on greenhouses growing all kinds of crops
- ✓ Extends the life of greenhouse materials
- ✓ Can be used on all kinds of greenhouses made from various materials
- ✓ Optimum lasting on the surface
- ✓ Easy to apply with horticulture sprayers
- ✓ Adjustable shade density; apply according to sun intensity and your crop's requirements



Sold in 6L buckets

DOSES L / 1000 m² surface area

- 50% of shade 6L (1 bucket) with 100-120L water
- Less shade 4L (2-3 bucket) with 100-120L water
- More shade 12L (2 buckets) with 150-160L water