PHASES

PRE APPLICATION CRITERIA

SPRAYING

PREPARATION FOR 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 surcafes 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 surcafes 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 45^0 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

DOGAL
KIMYEVI MADDELER VE ZIRAI ILACLAR SAN. VE TIC. A.S.

Toplaronu Sok. No 16 Anadoluhisari
34810 Istanbul - TURKEY
Phone: +90 216 308 65 87
e-mail: info@dogaltrm.com

Technical support:
e-mail: halilozkan@dogaltrm.com Mob.:+90 539 5938377

PROMOTIONAL VIDEO

CERTIFIED ISO 9001:2015 COMPANY

CERTIFIED ISO 14001:2015 COMPANY

CERTIFIED OHSAS 18001:2007 COMPANY

GreenHouseShader®

Professional Greenhouse Coating Product

DOGAL

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..

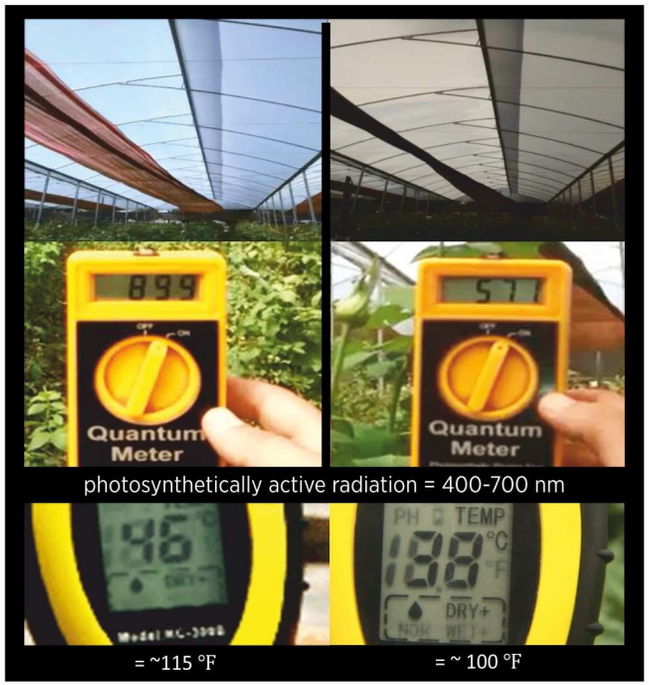
- Lime, mud kind of unprofessional methods blocks also photosynthetic lights
- Most sun protectant products are in 20-25 kg packages and most of them require another solvent to clean

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

GreenHouseShader®

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