

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 2 ml 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 (i.e Mix 6lt **GREENHOUSESHADER**® with 50-60 lt water), ideally one night before, if not possible minimum 2 hours earlier than application

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 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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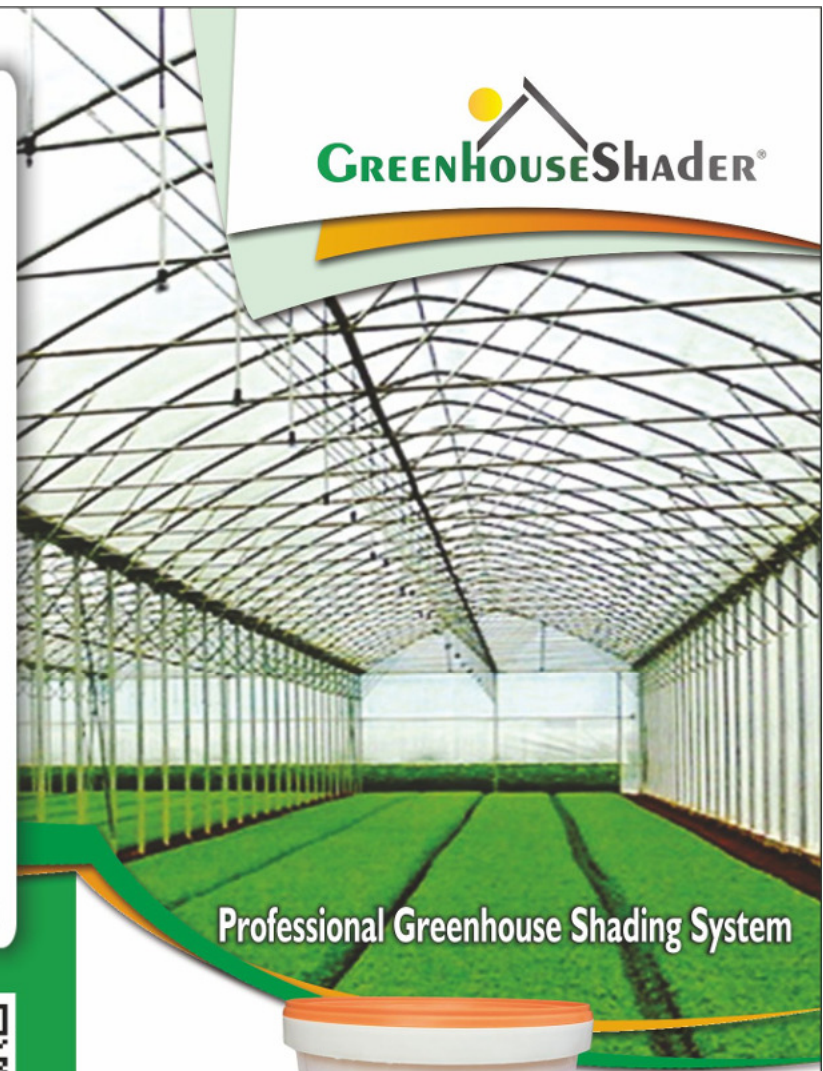
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GREENHOUSESHADER®



Professional Greenhouse Shading System



DOĞAL

KİMYEVİ MADDELER VE ZİRAİ
İLAÇLAR SAN. VE TİC. A.Ş.

www.dogaltrm.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.

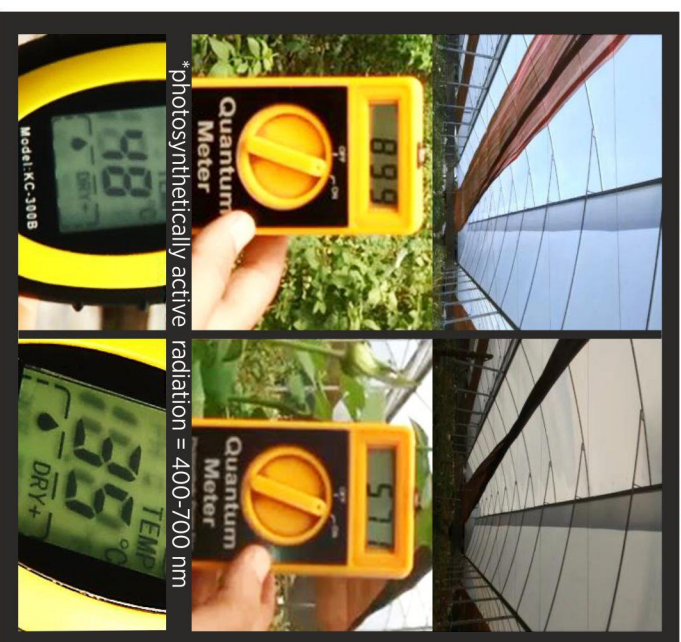
- ✗ High light & high temperatures
 - ✗ Solar stress & Sun damage
 - ✗ Photosynthesis Slowdown
 - ✗ Lower yield and low quality
 - ✗ Higher transpiration, Higher water and energy consumption
 - ✗ High cost of production
 - ✗ Difficult environment for worker, lower efficacy of worker
- DISADVANTAGES OF:**
- Lime, mud kind of unprofessional methods blocks also photosynthetic lights
 - Other sun protectant products are in 20 - 25 kg packages for 1000m² surface and require another solvent to clean

- ✓ **GREENHOUSE SHADER**
- ✓ Filters suitable wavelengths for photosynthesis – Only PAR* pass
- ✓ Logistics & handling advantage with 6 lt packaging and does not need an additional solvent to clean, only water.



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 crops' requirements



DOSES lt / 1000 m² surface area

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