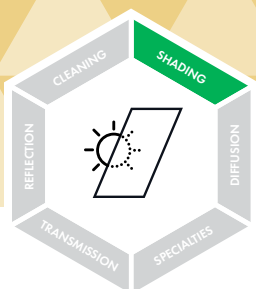


## TEMPORARY GREENHOUSE SHADING AGAINST EXCESS SUNLIGHT AND HEAT



SprayChalk is a temporary shading coating that supplements other ReduSystems coatings during very hot summers. Specially developed to provide short-term shading as needed during short peaks of high radiation. Liquid SprayChalk gives in comparison with powder chalk, a more even coating on the greenhouse.

The shading effect can be easily adjusted. SprayChalk can be used for temporary additional shading on ReduSol, ReduHeat, ReduFuse, ReduFuse IR, and ReduFlex Blue during very hot summers. SprayChalk will be washed away from the greenhouse cover after a few rain showers.

### PROPERTIES

- ✓ Suitable for glass, acrylate, polycarbonate, and plastic film.
- ✓ Can be used as an extra layer on top of other ReduSystems products.
- ✓ Adjustable shading percentages.
- ✓ Disappears from the greenhouse cover after a few rain showers. (2-3 rain showers.)



SPRING



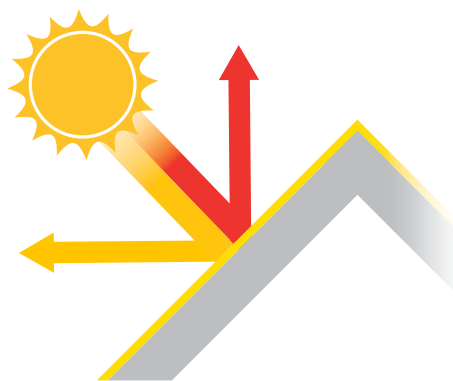
SUMMER



AUTUMN



WINTER



● Light ● Heat ● SprayChalk

## HOW TO APPLY?



**DRONE**



**MACHINE**



**HELICOPTER**



**MANUAL**

**The best results are obtained when the coating is applied to a dry greenhouse roof, as follows:**

- ✓ Apply SprayChalk only under fast-drying circumstances. ( $T > 5^{\circ}\text{C}/41^{\circ}\text{F} + \text{RH} < 80\%$ )
- ✓ Fill the mixing tank with the required quantity of clean water and add SprayChalk, stirring continuously.
- ✓ Stir the spray liquid frequently liquid during application.
- ✓ Apply SprayChalk evenly to the greenhouse surface.
- ⊗ Do not use any non-ReduSystems shading products in combination with SprayChalk.

BUCKETS PER HECTARE	BUCKETS PER ACRE	NET PAR SHADING	NET NIR SHADING
10	4	58%	55%
5	2	32%	30%

**Values are based on Wageningen University & Research measurements. The values mentioned are the maximum shading values possible and applied in laboratory circumstances. Depending on the application method, weather, and greenhouse type, shading values in practice can differ.**

**Note:** The number of buckets (each containing 20KG/3.2 US gal) can vary depending on the crop, climate, and type of greenhouse. **Products need to be mixed with water,** and the total amount of spraying liquid (water + coating) varies according to the application method. Net shading does not include structure.

## HOW TO REMOVE?

SprayChalk will gradually wash off the greenhouse with a few rain showers.

**Contact us for more information and technical advice:**

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ReduSystems® is the global leading brand in developing coatings and cleaners for greenhouse cultivation. The products control the incidence of natural light and heat to optimise the climate for the crop in every season - from a cooler climate in summer and more light in winter, to diffuse light and changing the light spectrum.

ReduSystems is a brand of Lumiforte®

**ReduSystems®**