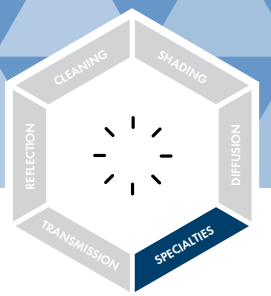
ReduCompact

REMOVABLE GREENHOUSE COATING FOR INCREASED BLUE LIGHT AND COMPACT GROWTH





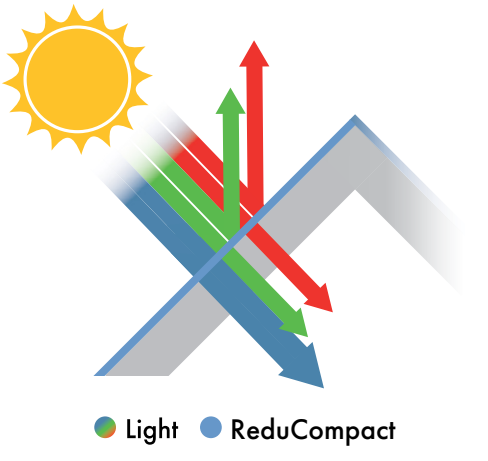
ReduCompact is a photo-selective coating that transmits more blue light in relation to red light. This encourages more compact plant development and reduces the need for plant growth regulators.

Positive results have been observed in ornamental greenhouse crops, particularly in pot and bedding plants such as Pelargonium x hederaefolium 'Decora', Zonale, and Sunrise XL Elara. ReduCompact is suitable for all commonly used greenhouse coverings and is highly wear-resistant in higher concentrations. It can be easily and safely removed with ReduClean.

PROPERTIES

- Suitable for glass, acrylate, polycarbonate, and plastic film.
- Highly wear-resistant.
- Easily combined with other ReduSystems products. Note: when using multiple layers, ReduCompact should always be the first layer on the greenhouse.
- Enhances the blue-to-red light ratio to promote compact plant growth
- Reduces the need for plant growth regulators

SPRING SUMMER AUTUMN WINTER



DO YOU WANT TO MAKE OPTIMAL USE OF SUNLIGHT ALL YEAR ROUND?

REDUSYSTEMS.COM

HOW TO APPLY?



DRONE



MACHINE



HELICOPTER



MANUAL

The best and longest-lasting results are obtained when ReduCompact is applied to a clean, dry greenhouse roof, as follows:

- ✓ Apply ReduCompact only under fast-drying circumstances. (T > 10°C/50°F + RH < 80%)
- ✓ Fill the mixing tank with the required quantity of clean water and add ReduCompact, stirring continuously.
- ✓ Stir the spray liquid frequently during the application.
- ✓ Apply ReduCompact evenly to the greenhouse surface, preferably using a spraying machine.
- ✗ Do not use any non-ReduSystems shading products in combination with ReduCompact.
- ✗ Do not apply when rain is expected within 12 hours, respect drying time.

BUCKETS PER HECTARE	BUCKETS PER ACRE	NET SHADING	BLUE TO RED RATIO
20	8	25%	3:2
16	6	15%	5:4

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 15KG/3.91 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?

- ReduCompact can be easily removed using ReduClean. For optimal results, dilute 250 liters of ReduClean per hectare (26 US gal/acre) with water at a ratio of 1:5 to 1:7. Ensure it is evenly spread over a dry greenhouse surface. Do not spray during rainy conditions or when strong winds exceed 2 m/s.
- When cleaning mechanically allow ReduClean to soak minimal 15 minutes before brushing. Alternatively, ReduClean can be applied when a considerable amount of rain is expected within one week. The rain will wash off the ReduCompact layer.



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®