



# GREENHOUSE COATINGS



Define | Design | Develop | Deliver

# Light Moderating Technology from



## MACCloud



## MACClearSky

### EFFECTIVE, ECONOMICAL, AND ENVIRONMENTALLY FRIENDLY SUNLIGHT-MANAGEMENT FOR OPTIMIZED GROWTH

MAC Coatings offers a proven line of light and heat moderating coatings tailored for greenhouse operators. Designed to perform in all seasons and weather conditions, our products allow for easy customization. By adjusting the concentration or blend of our specialized coatings, you can achieve the ideal balance of light and temperature for optimal plant growth. Experience the benefits of MAC Coatings and elevate your greenhouse environment today.



### MAC IR

Protection against heat



### MACDiffuse

Increases light transmission



### MACCloud

Apply/remove on-demand technology formulated for protection against light and heat



### MACCloud+



### MACClearSky

High performance cleaner for removing all MAC shading products



# Light Moderating Coatings for Greenhouse Operations

At MAC Coatings, we collaborate closely with greenhouse growers to develop a comprehensive range of shade coatings specifically engineered for the greenhouse and agricultural industry. Our expertise extends to specialized coatings designed for elevated-temperature environments, including pipe enamels, boiler paint, and durable floor coatings.

Additionally, we offer an innovative line of light-moderating coatings that enhance plant growth by optimizing light conditions. With a commitment to quality and performance, MAC Coatings proudly serves greenhouse operators across North America, providing solutions that drive success in every growing season.



PRODUCT	OPTICAL PROPERTIES	USAGE INFORMATION*	CLEANING PROPERTIES
<b>MAC IR</b> 	Efficiently lowers elevated levels of infrared radiation (heat)	5 x 13.5 L /acre = 20% Haze 7 x 13.5 L /acre = 40% Haze 9 x 13.5 L /acre = 60% Haze	Five (5) 20 L pails MACClearSky recommended per 1 acre for complete removal
<b>MACDiffuse</b> 	<ul style="list-style-type: none"> <li>• Maximum light transmission</li> <li>• High PAR light diffusion rate</li> <li>• Does not reduce heat (NIR)</li> </ul>	4 x 13.5 L /acre = 60 % Haze 5 x 13.5 L /acre = 80 % Haze	Five (5) 20 L pails MACClearSky recommended per 1 acre for complete removal
<b>MACCloud</b> 	<ul style="list-style-type: none"> <li>• Reflects both light and heat</li> <li>• Coating can be adjusted to have longer or shorter life cycle</li> </ul>	2 x 15 L / acre = 20% Shade 3 x 15 L / acre = 30% Shade 4 x 15 L / acre = 40% Shade	Complete removal using MACClearSky
<b>MACCloud+</b> 	<ul style="list-style-type: none"> <li>• Maximum weather resistance</li> <li>• Reflects both light and heat</li> <li>• Coating can be adjusted to have longer or shorter life cycle</li> </ul>	2 x 15 L / acre = 20% Shade 3 x 15 L / acre = 30% Shade 4 x 15 L / acre = 40% Shade	Five (5) 20 L pails MACClearSky recommended per 1 acre for complete removal
<b>MACClearSky</b> 	<ul style="list-style-type: none"> <li>• Removes all MAC shading products</li> </ul>	5 x 20 L / acre <b>RECOMMENDED DILUTION:</b> Helicopter, Drone (1:4 dilution rate) Automatic, Manual (1.5 dilution rate)	

\*Usage information based on laboratory analysis and projections. Actual field results may vary.

To learn about our other products engineered exclusively for greenhouse growers, please visit us at [www.maccoatings.ca](http://www.maccoatings.ca)



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