



1. Why should I apply whitewash?
Whitewash is necessary to protect crops against excessive heat and/or light. ReduSol Xtra offers protection against excessively bright light, it lowers the temperature, and has a favourable effect on atmospheric humidity.

2. What are the best conditions for applying ReduSol Xtra?
The surface should be dry and there should be sufficient drying time after spraying. The coat should be dry before nightfall since a wet coat might be adversely affected by dew. The best temperature is 10°C to 25°C.

3. What's the minimum permissible temperature for application?
ReduSol Xtra can be applied from 5°C. Application under 5°C might cause frostwork.

4. Can I apply multiple shading coats of ReduSol Xtra over one another?
Yes, you can apply it to fresh coats as well as to partially worn coats without any problem. This allows you to build a screen in stages and it provides a more constant climate for the crops.

5. How wear-resistant is ReduSol Xtra?
With a mixing ratio of 1 kg of ReduSol Xtra to 2 litres of water, the resistance to wear is 5 to 6 months. The higher the dilution ratio, the shorter the period of wear resistance. Check the climate disc for details. (Refer to Question 17.)



6. Will ReduSol Xtra provide diffuse light?



7. Can I remove ReduSol Xtra with rooftop sprinklers?
Yes, you can. But after ReduSol Xtra has dried, the rooftop sprinklers should be thoroughly rinsed with water.

8. Is ReduSol Xtra / ReduClean harmful to crops?
ReduSol Xtra is harmless. Roof windows that do not close properly may cause white ReduSol stains. Crops are usually not harmed. ReduClean may cause contact damage due to the presence of salts and the relatively high pH value. This varies depending on the crop.

9. Can I remove ReduSol Xtra partially?
ReduSol Xtra can be removed partially by splashing ReduClean.

10. Can ReduSol Xtra be sprayed over other types of whitewash?
Yes, it can. But if you use ReduClean for removal, it will only remove ReduSol Xtra.

11. Holes have formed in the coat of ReduSol Xtra and flakes were found in the gutter as well as inside the greenhouse. What could have caused this?
This is probably due to the development of an excessively thick layer after application. The combination of an excessively low temperature and a high concentration (1 to 1.5) will cause excessively high viscosity





12. Does ReduSol Xtra become transparent during rain?

Yes, ReduSol Xtra becomes more transparent. Rain will increase the light transmission rate of ReduSol Xtra by 20% to 30%.

13. What is the best ratio for shading a wall?

That would be a ratio of 1 kg of ReduSol Xtra to 2 litres of water. Higher dilution ratios might cause the film to become too thin and thus reduce the shading effect.

14. Is ReduSol Xtra frost-resistant?

Yes, but it should still be stored in a frost-free location in order to prevent the formation of cracks in buckets.



15. Why is the use of ReduSol Xtra with ReduClean economical?

Due to its excellent wear resistance, one application of ReduSol Xtra is usually sufficient for the entire whitewash season. Using ReduClean on ReduSol Xtra

16. What is Mardenkro Black?

Mardenkro Black is a colouring agent designed as an addition to ReduSol Xtra in order to further increase the shading effect. It permits screening rates of up to almost 90%.



17. Are any tools available to obtain the best possible shading effect?

Mardenkro offers the following tools:

1. The Mardenkro Disc:

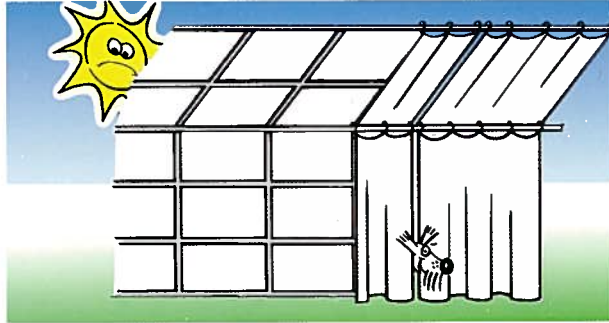
This useful tool shows you the amount of ReduSol Xtra required to obtain the desired shading effect for the number of square metres you need to cover.

2. The Mardenkro CD-ROM:

This tool was specifically developed

to provide advice on shading for many types of crops grown in greenhouses worldwide. A few clicks is all it takes to





- 18. I use interior shade cloth. Should I also use ReduSol Xtra?**

The ideal climate is obtained with a combination of permanent shading (ReduSol Xtra) and adjustable shading. Permanent adjustable shading used inside allows the heat to enter the greenhouse while ReduSol Xtra reflects the heat on the outside. ReduSol Xtra prevents the temperature from becoming too high.

- 19. Is the ReduSol Xtra / ReduClean system environmentally safe?**

All components are biodegradable, harmless to the environment, and therefore environmentally safe.

- 20. How does the use of ReduSol Xtra and ReduClean affect my spraying equipment?**

ReduSol Xtra contains finely ground chalk. Frequent usage will cause the pump to wear slowly.



- 21. I have my assimilation lights on all night and this bothers my neighbours. How do I solve this problem? Use ReduSol Xtra in a mixing ratio of 1 kg of ReduSol Xtra to 2 litres of water.**

Add Mardenkro Black and spray it onto the walls. This will significantly reduce the light.

- 22. I have splashes of ReduSol Xtra on my car. How do I remove these?**

These are best removed by diluting 1 litre of ReduClean to 10 litres of water in a bucket and by applying it on ReduSol Xtra using a soft sponge. Then rinse with water.



- 23. Can I use ReduSol Xtra on new plastic?**

Yes, provided that it has been exposed to sunlight and rain for a short period.

- 24. How much ReduClean do I need for one hectare?**

One hectare requires approximately 2000 litres of spraying liquid. ReduClean is used in a ratio of 1 to 7. (250 litres of ReduClean)

- 25. Is there a problem if ReduClean gets into my basin?**

This should be no problem, provided that the basin is





26. What is the best time to apply ReduClean?
ReduClean should be applied to a dry surface. The ideal time is a few hours before expected rain fall, although a few days before rainfall is also acceptable.

27. Can I apply ReduClean to ReduSol Xtra with rooftop sprinklers?

Yes, provided that all areas are reached and subsequently rinsed with sufficient amounts of water.

28. Is ReduClean frost-resistant?

No, frost may reduce its effectiveness.

29. Do I need protective clothing when using ReduSol Xtra / ReduClean?

Not with ReduSol Xtra. When using ReduClean, we recommend that you wear gloves and clothes that fully cover your body. While ReduClean does not have any vapour effects, its mist may cause irritation of the respiratory system.



30. Can I use ReduClean to remove ReduSol Xtra from plastic film?

Yes, you can. After applying ReduClean, rinsing is



If you have any unanswered questions, please call us or our dealer.

