

Baarle-Nassau, August 21, 2019

Thorough cleaning is essential, information about the use of GS-4 and GS-4 Xtra

The outside of the greenhouse roof can effectively be kept clean with a greenhouse roof washer. However, this does not apply to the inside. It is only possible to properly clean the inside of the roof when the greenhouse is empty. Therefore, the crop change is the ideal time to deal with the problem of dirty glass. In addition, a clean greenhouse reduces the chance of viruses.

Why GS-4?

- **Especially for greenhouse glass**

GS-4 is a glass cleaner specifically developed for the greenhouse sector. GS-4 effectively removes dirt without harming the glass. It removes dirt such as soot, dust, rust and algae. This cleaner works without the need for brushing. Simply spraying the surface with the right concentration and then rinsing with water effectively removes the dirt.

- **Safer**

Conventional cleaning agents contain hydrogen fluoride gas, which produces a harmful vapour. GS-4 does not contain any hydrogen fluoride gas and produces virtually no vapours due to the use of ammonium bifluoride. This makes it safer during use.

Note: a solution of ammonium bifluoride is toxic and corrosive. Avoid eye and skin contact by wearing safety glasses and protective clothing.

- **Biodegradable**

When GS-4 is used properly, the ammonium bifluoride is fully converted to ammonium hexafluorosilicate. This silicate reacts with substances in the ground to create compounds that already naturally occur in the ground. GS-4 rinse water may be discharged to surface waters (in accordance with Article 3.62 of paragraph 3.5.1 of the Netherlands Activities (Environmental Management) Decree). The active components of GS-4 are neutralised within the soil as a result of which no active substances remain after use.

We recommend that you do not let the rinse water flow into the water reservoir.

GS-4 and GS-4 Xtra

GS-4 is the cleaning agent of choice for greenhouses. GS-4 Xtra is a version of GS-4 with double the concentration. For the same surface area, you will need half the volume in comparison to GS-4, and it is therefore even more efficient in terms of use.

GS-4

GS-4 Xtra



ReduSystems®



Dosing

A total of 2,000 litres of spraying liquid per hectare is recommended for the machine application of the product. The amount of GS-4 or GS-4 Xtra litres is dependent on the degree of contamination as indicated in the table below.

	GS-4		GS-4 Xtra	
	Mixing ratio	Use per hectare	Mixing ratio	Use per hectare
Light contamination	5%	100 litres GS-4 + 1,900 litres water	2,5%	50 litres GS-4 Xtra + 1,950 litres water
Heavy contamination	10%	200 litres GS-4 + 1,800 litres water	5%	100 litres GS-4 Xtra + 1,900 litres water

Tips for using GS-4 and GS-4 Xtra

The product must be applied to the inside of the greenhouse when it is empty. Mix the product with clean water and apply uniformly on the glass with suitable spray equipment. Allow to sit for a while, but do not let it dry on the glass (pay attention when the weather is warm) to prevent damaging the glass. Next, within 5 minutes -depending on drying speed- thoroughly rinse the glass with clean water. After use, flush the equipment with water.

Note: do not use on coated glass and/or crops that are sensitive to fluorine, such as bulb and tuber crops. In case of hardened glass, first test a small surface area and check the clarity before treating the entire greenhouse.

Change in packaging from 25L to 20L

At the beginning of 2019, we informed you about the new ReduClean packaging size. Over the course of the year we will also be using 20-litre cans for the GS-4 and GS-4 Xtra products in order to comply with the maximum allowable weight regulations. The advantage of this is that the 20-litre can is lighter (and therefore easier to lift) and it is possible to transport more litres per pallet (960 instead of 800 litres). At this time, we still have a number of empty 25-litre cans and labels in stock. As soon as we have processed these cans, we will only be filling 20-litre cans. We will inform you well in advance when this stock is depleted and will assist you in calculating the required number of cans.

Placing an order

You can easily order this product at order@mardenkro.com / +31 13 507 53 88.

Orders placed before 15:00 are ready for pick up the next working day.

Contact

We are pleased to assist you should you require support in advising your customers or if you have any questions about the application of this product.

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Kind regards,
The ReduSystems Team

