

# SunClear® New, Improved Formula

- Stops Condensate Drip
- Increases Solar Light
- Reduces Heating Costs



Try the proven SUN CLEAR® way to stop dripping in your flexible or rigid plastic or glass greenhouses, tunnels, and other plastic structures. Improve plant quality and yield with SUN CLEAR, due to less Botrytis and other plant diseases. As much as 50% more sunlight is transmitted through the SUN CLEAR treated plastic or glass. Years ago, when SUN CLEAR was first formulated and introduced to the Greenhouse Market, it was received with tremendous enthusiasm. The only product available to do the job, SUN CLEAR proved effective from the arctic to the tropics in over 20 countries.

- Now, improved SUN CLEAR, with its significantly better reaction, is less costly and more effective than other methods of controlling greenhouse dripping. For example, increasing the rate of air exchange means higher heating costs; two layers of plastic will become dirty with lime and lead to increased transmission of light.
- New, improved SUN CLEAR will adhere to any type of plastic, glass or metal. It will absolutely stop condensate drip.
- SUN CLEAR, the non-toxic, insoluble, water-dispersible, easily sprayed coating, seems to be the answer to greenhouse growers' dripping problems. Try it yourself and see.

#### CLEANER PLASTIC BY REDUCING STATIC CHARGE

It should be recognized that SUN CLEAR functions as an anti-static and will tend to keep SUN CLEAR treated surfaces cleaner, longer. Therefore, the use of SUN CLEAR on outer surfaces can result in greater light transmission because the plastic accumulates less dirt.

#### SUN CLEAR DILUTIONS FOR PLASTIC AND GLASS

SUN CLEAR (Conc. Vol.)	(Gal.)	Coverage (Av. Sq. Ft.)	Cost (U.S. \$)	Price (U.S. \$)
1 PT. (2.475L)	12.5	5,000	0.0051	\$25.29
1 QT. (0.946L)	25	10,000	0.0045	\$45.15
1 GAL. (3.785L)	100	40,000	0.0044	\$176.27
5 GAL. (18.925L)	500	200,000	0.0036	\$711.91

Try after application in glass.

#### ORDER TODAY FROM YOUR EQUIPMENT SUPPLIER

If not available locally, order direct and advise us of the name of your supplier.

#### HERE'S WHAT THE EXPERTS SAY

*"Many coatings have been sprayed on the outside of plastic coverings for drip control, the only proven material to date is SUN CLEAR."*

Professor K. L. Goldberry  
Colorado State University

*"It is certain indeed that SUN CLEAR gives very good results. The day after application, condensation occurred rather like a film and the surface seemed much clearer."*

F. Bucien  
Secrétaire du Comité des Plastiques en Agriculture,  
Neuilly-sur-Seine, France

# How to apply improved



## HOW TO USE SUN CLEAR (GENERAL INFORMATION)

SUN CLEAR is supplied in a concentrated form and is intended for use according to instructions on application equipment. Use appropriate safety clothing and tools. Check always with SUN CLEAR staff.

The base liquid SUN CLEAR should be applied immediately after diluting 1 with water (and 10:1 for stone – see dilution schedule). SUN CLEAR becomes readily miscible with any transparent solvent of equivalent viscosity. When applying, the main liquid of the product should be administered in periodic spraying in the spaces aimed for treatment.

SUN CLEAR is completely inert. It does not require special safety measures. When SUN CLEAR has been applied, avoid direct and indirect light for several days. In cold water, plants should be covered with a special plastic wrap until during the spraying operation. Heat SUN CLEAR on a stove (or in water heated to 60°C) when a lot of heat is necessary. Always avoid contact with a greenhouse, a surface from which heat is transmitted. The full duration of the complete cycle of drying will be twice.

## EQUIPMENT REQUIRED

We advise a manual equipment or sprayer for application of SUN CLEAR. Conventional sprayers or pumps, industrial sprayers, pumps, etc. will not. All equipment should be cleaned thoroughly and flushed with clean water before using to keep SUN CLEAR free of contaminants. Spraying after use should be advisable to maintain and avoid quality of SUN CLEAR increasing. After some of the sprayed surface could suffer not in time and right day in the month.

## HOW TO APPLY

No special treatment of the surface is required. If time permits, it is helpful to allow the grass to grow in order normally. In order to avoid direct spraying SUN CLEAR. Where there is a question as to how much dilution to use, an area of approximately 1 y<sup>2</sup> of soil for example at a low point. SUN CLEAR can be applied to wet plants or plants which have been in shadow for any length of time. The surface should be clean, for maximum effectiveness.

If there is a considerable amount of peeling on the plants, the insecticide would cause further damage if the SUN CLEAR residue. Therefore, the process aimed should be done off or done off with a primer by brushing of the liquid feed water. SUN CLEAR may be applied to other dry or dusty plants.

To apply, spray the SUN CLEAR mixture liberally on the plants. Start from the bottom up until the entire bottom is thoroughly wetted and all traps disappear. If any spots are missed, they may be treated later at any time.

## WARNING: TO AVOID SCALD DAMAGE, DO NOT LET SUN CLEAR TOUCH THE SKIN DIRECTLY

### APPLICATION INSTRUCTIONS FOR SOLAR (GLASS) PANELS

1. The application of SUN CLEAR to the solar collector glass can either be repeated if the dilution ratio is greater than 10:1 (10:1 is best) but at least 10:1. A dilution ratio of 100:1 may still work with some results.
2. As much as possible, as possible should be cleaned off the glass before spraying SUN CLEAR.
3. After spraying SUN CLEAR the surface should be allowed to dry. This must be possible by opening vents, turning on fans, and temporarily covering the windows.
4. The application should be performed just before the evening part of the day in order to avoid treatment being going during the application.

### STARTING WITH CALCIUM OR SODIUM

Carbon based soaps, cleaning solvents, ammonia or calcium or magnesium, are often not suitable for diluting SUN CLEAR.

The base liquid can be added to water in suitable amounts in a simple way. Add 1 ml of a 100 mg/ml of SUN CLEAR to 1 cup of water (1 ml is 1/16th of a liter) glass or plastic container. If the mixture does not become cloudy and the SUN CLEAR settles to the bottom in less than 15 hours, the water is not suitable and SUN CLEAR will not adhere properly to a glass surface.

Drainable water can either be made acceptable by adding 1 table-spoon of white vinegar to each gallon of water (50 cc is 1 fl.oz). After adding vinegar, by the time SUN CLEAR has dried.

If this is not sufficient, another source of water must be found. Hot water or demineralized water are ideal. Sometimes by better results white vinegar or other acid can be added to hot water before the SUN CLEAR concentrate is added.

