

Sun

Protector

(A product of EU Origin)

Introduction

Sun Protector is a micronized calcium carbonate liquid sunscreen and next-generation silicon, designed to provide protection to the plant and fruit during the period of growth, improving the health of the plant and eliminating sunburn

How It Works

- Forms a protective layer that reflects harmful sunlight and UV rays, reducing heat absorption and protecting crops from stress.
- Lowers plant and fruit temperature by 3–4°C, helping prevent overheating and heat stress.
- Reduces water loss by minimizing transpiration and helping plants conserve moisture.
- Protects fruits from sunburn damage while improving appearance and color quality.
- Helps protect crops by reducing mildew and oidium (powdery mildew) pressure.

Key Benefits to Farmers

- ☑ Prevents sunburn on fruits.
- ☑ Reduces heat stress damage.
- ☑ Improves fruit color and market quality.
- ☑ Extends shelf life after harvest.
- ☑ Enhances plant survival during hot seasons
- ☑ Easy to wash off after harvest

Application Guidelines

Apply during cool/mild weather.

Apply 2–3 times during the crop cycle.

Avoid application during severe water stress (unless irrigated).

Shake well before use.

Simple Flow (How It Works in the Field)

Application → Protective Film Forms → Sunlight Reflected → Temperature Drops → Reduced Stress → Better Growth & Quality



Application Rate

3 - 5Ltrs / Ha

- Read label for more details.

- Store in cool & dry place

BEFORE WITHOUT SUN PROTECTOR	AFTER WITH SUN PROTECTOR
HIGH HEAT ABSORPTION Plants absorb more heat from the sun.	REFLECTS SUNLIGHT Creates a protective film that reflects UV rays and reduces heat absorption.
SUNBURN DAMAGE Fruits show sunburn, cracking and bleaching.	3-4°C COOLER Lowers plant and fruit temperature by 3-4°C.
WATER STRESS Increased transpiration leads to stress and wilting.	PREVENTS SUNBURN Protects fruits from sunburn, cracking and discoloration.
LOWER YIELD Poor quality and reduced market value.	REDUCES WATER STRESS Less transpiration, better moisture retention and plant health.
	HIGHER YIELD Better quality, color and longer shelf life.

BEFORE	AFTER
Higher Plant Temperature	Lower Plant Temperature
More UV Damage & Heat Stress	Less UV Damage & Heat Stress
Lower Quality & Shelf Life	Better Quality & Shelf Life
Lower Yield & Profit	Higher Yield & Profit