Technical Data Sheet

SynertOl 400 UV

SynertOl 400 UV is a fluid and stable suspension of minerals highly reflective to IR and UV radiation, preventing damage to the fruit and minimizing heat stress to the crop. It is applied by spreading to form a uniform white film that reduces solar stress in crops protecting foliage and fruits from damage by ultraviolet (UV) and infrared (IR) root allowing photosynthesis to follow its normal processes.

SynertOl 400 UV to helps maximize the value of each hectare, reducing losses from solar radiation and increasing commercial performance, better crops and efficiently helping irrigation water.

✓ Application:

Application time	**SynertOl 400 UV** is recommended to apply early in the morning or in the afternoon, that the ambient temperature is between 15 and 25 °C.
Compatibility	**SynertOl 400 UV** should be applied with **SynertOl 100** and **SynertOl 200** in the recommended dosage.
Ground application	   Air blast sprayer and high-pressure boom sprayers **GIVE THE BEST RESULTS.** Covering surfaces that are exposed to sunlight is critical to produce the best results. Intense rain and strong wind affect the film formed and a new application is required once the foliage is dry after a rain.
Application area	For best results with **SynertOl 400 UV** should be applied at a speed of 20 L / ha and a total volume of approximately 50 to 75 L / ha.

✓ Examples of use and dosage

Crop	Dosage/Dilution
Apple and large seed fruits except cherries, nuts and olive trees. Tropical fruits: avocado, banana, citruses.	1L / 100 L of water initial application and 0.5 L / 100 L following applications
Vegetables including tomato, potato, onion	**Long season:** 6 L / ha just when they bloom and reapply after 7 to 14 days **Short season:** 20 L / h at first application 10 L / h at following applications

✓ Typical properties

Property	Value
Viscosity (cPs) @ 25°C;	300
pH @ 25°C:	7 – 8
Density @ 25°C (g/mL)	1.44

✓ Packaging

- Gallon
- Drums
- IBC