



**Houweling** - Horticulture

## La Blanche & Witvast



### Protection from sunlight and heat Gradual degradation: no cleaner needed No environmentally harmful ingredients

#### Shading agents

Our shading agents provide the easiest and most flexible way to protect your plants from excessive sunlight and heat. The agent is easy to apply. The durability and shading percentage can be varied according to need.

#### Powder agents

Both La Blanche and Witvast are powder agents with calcium carbonate as primary ingredient, amongst other combined with adhesive components. The durability depends on the dilution of the mixture and climate conditions.

#### La Blanche & Witvast

The formula of La Blanche provides up to four months of coverage. Witvast is formulated to have a duration of at least two months. That makes it perfect to use for a second spray during season. The durability and shading percentage of our agents depend on the dilution of the mixture and climate conditions.

#### Packaging

La Blanche en Witvast are available in 25 kilo (55 lbs) bags or via 120x100 cm (47x39.5 inches) pallet with 50 bags.

# Dosage and mixture

## Dosage

The regular dosage is one 25 kilo (55 lbs) bag and 100 liters (26.4 US gallon) of water. This turns to a final mixture of 115 liters (30.4 US gallons), which is sufficient to cover 500 to 700 square meters (5382 to 7535 square feet) of surface.

## Coverage

A glasshouse of 10,000 square meter (2.5 acre) will require a minimum of 16 bags of 25 kilo (55 lbs) to cover. This will provide a mixture of 1840 liters (486 US gallons).

## Mix ratio

Adding more than the regular dosage of water will provide a diluted mixture. This will affect the efficiency of our agents. The following table gives approximations of the expected durability and shading percentage versus mix ratio. The final durability depends on climate conditions.

La Blanche	Durability	Shading
1 bag / 100 liters water	4 months	80-85%
1 bag / 150 liters water	3 months	60-65%
1 bag / 200 liters water	2 months	50-55%
Witvast	Durability	Shading
1 bag / 100 liters water	2 months	70-80%
1 bag / 150 liters water	1,5 months	50-60%
1 bag / 200 liters water	1 month	40-50%

## Mixing

La Blanche and Witvast may be used in the same mixture. Adding other (liquid) agents to the mixture will affect the natural degradation out of our shading agents.

## Instructions

Fill the mix tank halfway with water and gradually, while stirring constantly with a mix paddle or circulation pump, add small amounts of La Blanche or Witvast and water. Continue the constant stirring and further add the intended amount of agent and water. Stir an additional 10 minutes before using the mixture.

# Application

## Surface suitability

Our shading agents can be used to spray on glass, foil and polycarbonate.

## Application methods

The mixture can be applied using either machine or hand held sprayers.

## Drying

Apply when climate conditions allow sufficient time to dry. Rainfall will wash freshly applied solution away.

# Removal

## Natural degradation

The adhesive components of La Blanche and Witvast will degrade due to UV radiation, heat, wind and moisture. Therefore our agents naturally and gradually wear out. The durability depends on the dilution of the mixture and climate conditions.

## Residue removal

If desired, product residue can be removed in the following manner:

- Through mechanical or hand brushing
- Application of a weak acid such as citric acid
- Application of Houweling Horticulture La Blanche cleaner

# Important

## Storage

Opened bags of La Blanche and Witvast can be stored in the original packaging if carefully reclosed. Bags must be stored in a dry place, out of direct sunlight.

## Good to know

According to Dutch legislation La Blanche and Witvast contain no environmentally harmful ingredients.