

Willow Bark



Elicitor of crops self-defense mechanisms with fungicidal action



COMPOSITION

Powder Salix Cortex	100%
Purity	European Pharmacopeia

Totally natural dehydrated vegetable matrix obtained from the micronization of willow bark

 **Appearance**
Powder

 **Application**
Foliar

 **Packaging**
25 Kg

DESCRIPTION

Salix Cortex SKL is a totally natural dehydrated vegetable matrix, obtained by micronized willow bark, a common tree in Europe, Asia and North America.

It's rich in various compounds, in particular polyphenols and salicylic acid. Its use is consolidated in Organic and Biodynamic farming practices as a support to self-defense mechanisms of culture against mycotic adversities. The dehydrated powder gives the product a longer shelf life.

It is an approved Basic Substance with fungicidal properties under agricultural EU pesticide regulation (Regulation (EC) no 1107/2009) since 2015.

Currently, its uses are approved for arboriculture and viticulture.

An initial use extension to allow nurseries to use it as a plant growth regulator is being evaluated by the EU regulatory assessment organisation.

Salix cortex helps cuttings to root, due to its indole butyric acid content, which is a growth hormone (plant growth regulator) in the auxin family and generally chemically synthesized for this purpose. Recently, fungicide usages for the vegetable and fruit market (tomatoes, berries and kiwi) have been submitted to the EU Commission for evaluation.

DOSES AND METHOD OF USE

The following procedure is recommended for the use of the product:

1) 200 g of Salix cortex infused in 30 L of water at 80°C for 2 hours. **2)** After cooling down, a filtration is recommended, adjusting pH to 6.2. **3)** Proceed the dilution by 3 with water (90 liter total).

Crops	Pathogen	Doses
Peach	Peach leaf curl (<i>Taphrina deformans</i>)	2.22 - 13.33 kg/ha From 2 to 6 treatments (from BBCH 10 to BBCH 57)
Apples	Scab (<i>Venturia inaequalis</i>) Powdery mildews (<i>Podosphaera leucotricha</i>)	2.22 - 13.33 kg/ha From 2 to 6 treatments (from BBCH 53 to BBCH 67)
Grapevine	Downy mildews (<i>Plasmopara viticola</i>) Powdery mildews (<i>Erysiphe necator</i>)	0.44 - 4 kg/ha From 2 to 6 treatment (from BBCH 10 to BBCH 57)

Doses refer to those officially published in the Reports by EFSA