

Saponin



Saponin is a natural wetting agent

What is Saponin?

Saponin is a natural wetting agent based on extracts from the Yucca Schidigera. This plant contains exceptional sugar derivatives that enable it to survive under the extreme conditions of the desert. These sugar derivatives, together with polymers, are isolated from the plant extract using a special process. The combination of these two substances in Saponin gives a strengthened, multi-functional effect, which means that Saponin can be used as a wetting agent. Saponin improves the effectiveness of crop protection products, reduces the amount of visible residue, and ensures that the crop dries more quickly.

Saponin is a 100% natural product. Saponin is based on natural plant extracts, and is therefore very safe for your crop. It is completely biologically degradable and does not cause leafburn. Saponin is easily mixed with (cold) water and chemical crop protection products.

How does Saponin work?

Lowering the surface tension:

Saponin works in a similar way to other wetting agents. Lowering the surface tension of the fluid means that the fluid (and thus also crop protection products) spreads better over the crop. This means that the crop protection products work better, and it prevents residues. Moreover the fluid layer on the crop is thinner and therefore dries more quickly.

Fungal diseases have less chance:

Saponin can not only be used as a wetting agent when spraying crops with crop protection products, but also as a crop dryer after rain or sprayed irrigation. A crop that dries more quickly has less risk of fungal diseases.

Using Saponin:

Saponin can be used throughout the year in both vegetables and flowers, on both substrate and natural soil. Saponin can be combined with all common products (integrated pest management).

Dosage:

As a wetting agent:

1 to 2 litres per 1000 litres of water.

As a crop dryer:

Depending on crop and weather conditions,
1 to 2 litres per hectare is mixed in with the washdown cycle.
(the last few minutes of the irrigation time)

Note: The product can foam up a little when being mixed, so it should be added last.

Saponin can be kept for two months after opening, providing the bottle is securely closed and stored in a cool, dark place. Once dissolved in water, Saponin breaks down after about 36 hours.