



GrapeGuard®

Plant protection agent based on clay minerals to protect against UV radiation

Product description

GrapeGuard® is based on clay minerals. It is designed to be a plant protection agent. The aim is to prevent damage to plants and fruit caused by UV radiation. GrapeGuard® has to be applied to all of the foliage, not just the grape-bearing region. The plant's water consumption can be reduced as a side effect.

GrapeGuard® provides effective protection against strong UV radiation. Multiple layers are applied to all parts of the plant during repeated treatments. The effect is based on the reflective and absorbent properties of the clay minerals selected.

Because the product is fine and does not contain particles > 100 µm, GrapeGuard® does not cause abrasive damage to pipes, spraying equipment or other mechanical components.

The user must check compliance with national regulations. Tested for purity and quality.

Dosage and use

The recommended dose per treatment is 10 - 20 kg per hectare. Up to three treatments are typical during the growing season, but as many additional treatments as necessary may be carried out. We also recommend use of an adhesive agent.

GrapeGuard® is primed overnight in 5 - 10 parts of water. 50 - 100 L water are therefore required to suspend 10 kg of the product. GrapeGuard® is added to the water whilst stirring vigorously (do not add the water to the GrapeGuard®) to achieve an optimum suspension. We recommend using a drill with a mixing attachment to stir the suspension, in order to ensure the product is fully combined. After creating a suspension, leave the batch to rest for 10 - 12 hours. We recommend stirring the suspension again after 1 hour. Supernatant water may form. Regardless of this, the product can be used after 10 - 12 hours of priming.

The mixture will need stirring again before being transferred to the sprayer. The sprayer mixing function (either mechanical or by means of a pump) must be running whilst GrapeGuard® is added to the sprayer.

GrapeGuard® and the adhesive agent can be combined with other plant protection agents. Always follow the manufacturer's instructions regarding the spray's tolerability.

Storage

GrapeGuard® tends to absorb moisture, so may form clumps. This is why the product must always be protected from moisture. Packs that have been opened should be tightly closed immediately. No liability can be accepted for improper storage and use.

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The application recommendations given herein describe the intended use of the product as a processing aid or additive as part of a good manufacturing practice. Only this application can lead to a food safety of the final product. However, please note: Our technical product leaflets are based on our current knowledge and experience. They have to be seen as general information on our products only. Due to the imponderabilities of treating natural products and the potential prior treatment we cannot accept any liability. Accordance with all national laws and regulations for use of our products has to be ensured by each user. All data is therefore provided without any warranty. All information is subject to change without prior notice. Our general terms of business apply, please refer to www.erbsloeh.com.
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