

Grodan granulate can be added to the final mix by your peat supplier, or you can mix it in yourself. If you choose to mix it in yourself, make sure that the mixing time is as short as possible to keep the structure of the peat and granulate.

Grodan granulate is made from a mineral wool fibre which has been shown not to be harmful to health. However, since January 1999 it has been labelled “locally irritating” due to a well known and temporary mechanical irritation of the skin on direct contact with the fibres. When working with Grodan granulate, you should minimise the dust level (e.g., by spraying with water or by dust extraction). We also recommend the use of suitable working gloves. More detailed recommendations about working with Grodan are available from Grodania.

Fertilisation after addition of 25% Grodan granulate is the same as normal, but the amount of lime must be reduced by 25% when the peat is treated with lime. The same irrigation system can also be used, although you should expect irrigation to be necessary slightly more frequently than normal. This is a clear advantage, since it provides the basis for an increased activity in the root zone.

Cocopor® a Cocofiber- and Peat-Based Soil Additive

Rainer Thomsen

Blumenerdenwerk Stender GmbH, Werk Papenburg, Deverhafen/Dockerhaus, D-26871 Papenburg, Germany

Cocopor® is a special, low-salt containing coconut-fiber additive consisting of 80% nut fibers and 20% sphagnum peat. This product is used for all types of containerized plants and is particularly advantageous in connection with automatic irrigation systems for ornamental plants including perennials. Cocopor® is part of almost all standard substrates made by Stender. For improvement of the structure of substrates mixed by growers 15% to 30% of Cocopor® is added.

Besides improving the optimum air to water ratio, Cocopor® clearly increases the capillarity and water-transport properties in the substrate. The rewetability of the substrate and the important drainage of excess water is clearly improved. Compared to other coconut-based additives on the market Cocopor® has a particularly low salt content, does not affect the pH of the substrate, and is very suitable for automatic pot filling due to its well defined fiber length. An important characteristic compared with other structure-improving additives is the slow decomposition of the fibers, which is expressed by a very low biological activity. This improves the stability of the substrate, making it suitable for long production periods.