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Paper sack-concept for potting soil:

dy-pack wins treasured prize for novelty on the world market

Silver Award won at the international EUROSAC-Congress 2021.

dy-pack has been able to develop an innovative paper sack concept in a spectacular way where industrial demands are combined with sustainable ecological concepts. With the new paper sack „Gardyan“, dy-pack has succeeded in packaging potting soil in a safe, sustainable and modern manner.

Whether landscape or simply hobby gardener - working with potting soil implies a special attitude to nature. So it is no longer state-of-the-art that potting soil is only available in plastic bags on the market to date. Plastics and nature – that does not match up. Hence it was just a logical step to develop a nature friendly packaging, being 100% free of plastics, recyclable, and made from paper generated from sustainable forestry.

And the winner is: Our Nature!

Prior to the „Gardyan“ successfully passing the practical test at a potting soil manufacturer, extensive tests and studies were necessary in dy-pack's technical centre. Moreover, it implied to develop a solid packaging exclusively made from paper for a product with a moisture content of more than 50% and a pH-value between 4.5-6.0. And what is more, germ formation and dehydration of the potting soil should be avoided even with a long shelf life. This brilliant coup finally succeeded by using paper made from fibres generated from sustainable forestry, being recyclable and compostable. It is actually not possible to derive more sustainability!

More features for maximum convenience

However, apart from its unique features in terms of sustainability, the new concept also captivates with respect to convenience and logistical requirements. The „Gardyan“ is easy to transport, tearproof, secures long-term durability and can be palletised in an optimum way. Moreover, the sack is ideally suitable for industrial filling. And - once the soil has arrived at the end consumer - the sack is extremely easy to handle: easy to open, resealable, still intact after frequent use, and is, for example, re-usable for green waste. The „Gardyan“ is recyclable and compostable.

An excellent concept

dy-pack's Managing Director, Mr. Wilhelm Dyckerhoff, was delighted to receive a Silver Trophy granted during this year's virtual Eurosac Congress Grand Prix Award. „Of course, I

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am very proud about this well-respected award, Dyckerhoff stated. "However, I am even more proud of my team having been able to cope with this demanding challenge. Now I am looking forward to talk about the „Gardyan's“ different application potentials with representatives of the potting soil industry."



Photo # 1: The „Gardyan“ is a technical masterpiece and substitutes conventional solutions made from plastic by sustainably generated paper.



Photo # 2: Wilhelm Dyckerhoff , dy-pack's Managing Director, was delighted to receive the Eurosac Silver Award for his team and himself.

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416 words, 2.680 words with spaces

dy-pack Verpackungen Gustav Dyckerhoff GmbH based in Wenden-Gerlingen (Germany) is one of the world's leading manufacturers of paper sacks for demanding applications in the chemical, the construction chemistry, the food industry as well as the cement industry. With a workforce of about 220 people, the company manufactures approx. 150 millions of paper sacks per year. dy-pack is said to be an innovator in that line of business which is evidenced by several awards and prizes granted either nationally and internationally. Established in 1864, the family enterprise Dyckerhoff & Sons commenced its business activities as a manufacturer of cement. Then in 1950, Gustav Dyckerhoff started to produce paper sacks for the cement industry under the name Sauerländer Papiersackfabrik Gustav Dyckerhoff GmbH. The company always accounts itself as a pioneer in matters of sustainability by replacing plastic by paper but without being forced to relinquish on functionality in industrial applications and convenience for the end user.

Further information about dy-pack can be found on www.dy-pack.com.