



Bio4Pack

Paddy Straw Trays

**Good for the environment,
good for the people in Asia, good for you!**

Bio4Pack presents a new line of packaging based on rice plantation waste. It is a special product line because the trays are not only good for the environment, but also contribute to the prosperity of rice farmers in Asia. In this way we give an extra dimension to corporate social responsibility in the packaging industry.





Sustainable

The paddy straw trays from Bio4Pack are sustainable, just like all our packaging. Yet this packaging is slightly different. The specific qualities in terms of sustainability have led to the paddy straw trays obtaining the silver cradle-to-cradle certificate. The sustainability of the packaging is not only due to the fact that the raw material (waste from rice plantations) is renewable, but also to the fact that rice waste is normally incinerated with all the adverse effects this entails for the environment. Think not only of air pollution, but also of the effects of the fires on the groundwater level. Burning less rice waste ultimately results in less irrigation, which saves a lot of precious water. Reasons enough to obtain the silver cradle-to-cradle certificate.

Social

The development and production of the paddy straw trays is a new source of income for the rice farmers in Malaysia. In addition, new jobs have been created in the transport sector and in the factory. It is clear that the spin-off of these new products goes far beyond environmental benefits; the standard of living of a large group of people is substantially improved!



End of life is not end of story!

The paddy straw trays show their specific qualities not only during use, but also afterwards. They are compostable at home and industrially compostable according to EN13432, but can also be disposed of with the old paper. In this way, they also have value for a sustainable future after use.



Packed just as well but sustainable

Comparative research with packaged strawberries by Wageningen University & Research has shown that paddy straw trays are a fully-fledged alternative to packaging made of pulp and PET. The research showed that there is no difference with regard to the shelf life of the strawberries. There was, however, a significant difference in the sustainability of the various packagings. Compared to the PLA scale that was the benchmark for the research, the paddy straw tray scores much better when it comes to recycling and the litter problem. There is currently no good recycling system for PLA, while this has been in place for years for waste paper. In addition, the impact of the paddy straw trays when it comes to litter is limited. When a paddy straw tray ends up in nature, it will completely disappear after a few rain showers. PLA shells, on the other hand, remain present in nature for years to come.

Complete packaging line

Bio4Pack offers a complete line of rice trays for packaging various types of fruit. All trays are compostable in accordance with EN13432 and available from stock. The quality of the trays is in no way inferior to trays made from traditional raw materials and can be processed just as easily in the packaging process.