

# TRIOWRAP bio™

– with Triogreen inside!

Triowrap has been well tried and tested over the world, and has been a reliable choice ever since 1980's. After years of development and demand for environmental raw material we can now offer Triowrap – *With Triogreen inside!* Triogreen is our green polyethylene brand. The raw material now comes from nature, is renewable, recyclable and has the same good performance as raw material with fossil plastics. New and totally revolutionary!

## Tried, tested, proven, green!

- ✓ Decreases the environmental impact by 75%\*
- ✓ Identical mechanical properties as the original Triowrap
- ✓ Best silage quality due to perfect air tightness.
- ✓ Can be used on all types of wrappers
- ✓ High pre stretch level up to 80% makes the film more efficient due to more bales per reel and hour

\*LCA modeled in SimaPro using data from the ecoinvent inventory database and supplier LCA data. Reduction in impact when comparing Triowrap 25µ 100% virgin against Triowrap bio.



### PRODUCT DATA

Dimensions	Reels/pallet	Colour	Core	UV-Protection	Application
750 mm x 0.025 mm x 1500 m	15	eco green	premium water protected paper core	12 Months	For Round and square bales

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For a greener future

## The journey how plant material becomes a silage film

The thing that makes green polyethylene unique compared to other biopolymers is that the end-product has exactly the same great qualities as traditional polyethylene. What makes it innovative is that it does not come from oil or gas. Instead, it originates from renewable raw material. Today green polyethylene is based on sugar cane but in the future we are likely to see our Swedish forests being used.

Trioplast is one of very few companies globally that can offer polyethylene film manufactured using renewable raw material as a complement to the traditional polyethylene film. We have thereby taken another step on the journey for sustainable development.

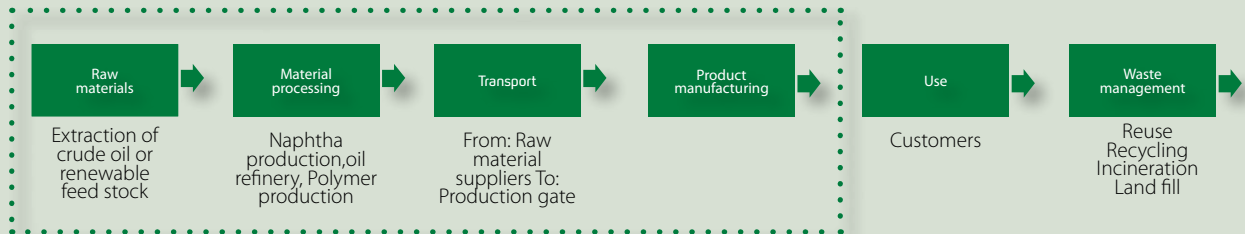
Choose sustainable solutions, choose Triowrap Bio™ by Trioplast!



### What is LCA?

Our Life Cycle Analysis, supported by SimaPro, is a method used to assess the overall environmental impact of a product's lifecycle. This includes everything from extraction of raw material, through material processing and manufacturing to distribution as well as use, repair and maintenance. An LCA can be done for all the steps in the products life-cycle or parts of it. Due to the many different scenarios when it comes to usage and waste management, our analyzes is done considering the impact until delivery of the product.

LCA for Triowrap bio comparing to Triowrap testifies a decrease of 75% in carbon footprint!



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**APE Europe** objective is to improve agri-waste recycling rate by the implementation of national collecting Schemes (NCS) all over Europe.