

A circular frame containing a photograph of a person's hand dropping a piece of dark, crumbly silage film into a large pile of light-colored wood chips. The background is a blurred outdoor setting.

# SILAGE FILM

A RECYCLED RANGE, 100% RECYCLABLE





With more than 35 years of expertise in the manufacture of recycled products, we have developed a know-how on how to improve our agricultural films in a way, that they bring a real benefit to the conservation of forage.

Trioworld's research and development department is constantly working in close collaboration with our customers and partners to further develop and enhance our range. Our products are tried and tested by farmers, their performance has been measured, the quality and stability of the fodder has been evaluated and is constantly monitored by our agronomists. An optimal silo preparation, combined with the choice of your silage sheet, are the two most important elements for a perfect forage quality.

Triosilo silage sheets meet the criteria of high resistance, easy handling, oxygen impermeability and environmental responsibility.

### COMMITMENT MEANS ACTION

FOR THE LAST 35 YEARS WE HAVE BEEN CONVINCED THAT WE ALL HAVE A ROLE TO PLAY IN THE SUSTAINABLE TRANSITION. WE BELIEVE THAT A COMMON AND CONCRETE APPROACH IS THE KEY TO IMPROVE FOR BOTH, YOU AND THE ENVIRONMENT.

### RESPONSIBLE PRODUCTION MEANS INNOVATION

INCREASING THE RATE OF RECYCLED MATERIALS IN OUR PRODUCTS, MAKING 100% RECYCLABLE FILMS AND MEASURING THE REDUCTION OF OUR CARBON FOOTPRINT IS OUR DAILY AIM FOR INNOVATION.

### GUARANTEEING RESPONSIBLE QUALITY MEANS GOING EVEN FURTHER

FOR US, DESIGNING ENVIRONMENTALLY SUSTAINABLE SOLUTIONS AND MEETING YOUR NEEDS AND REQUIREMENTS BY OFFERING HIGH QUALITY PRODUCTS ARE INSEPARABLE.

COLLABORATING TOGETHER WITHOUT COMPROMISE FOR TOMORROW IS THE CHOICE OF SUSTAINABLE QUALITY.





# WE ARE RECYCLERS

SINCE 1985



- ✓ 35 YEARS OF EXPERTISE IN RECYCLING
- ✓ INTEGRATED RECYCLING WORKSHOP
- ✓ 9 200 TONES OF PLASTIC WASTE RECYCLED PER YEAR
- ✓ 20 PEOPLE DEDICATED EXCLUSIVELY TO THE RECYCLING ACTIVITY

Triosilo is committed to constantly increasing the amount of recycled material in the products, while maintaining the premium quality at the same time. The carbon footprint of each product manufacturing process is measured, analysed and optimised regularly.

Thanks to its eco-designed films, the Triosilo portfolio guarantees quality products that also reduces the climate impact of silage making.

# LIFE CYCLE ASSESSMENT

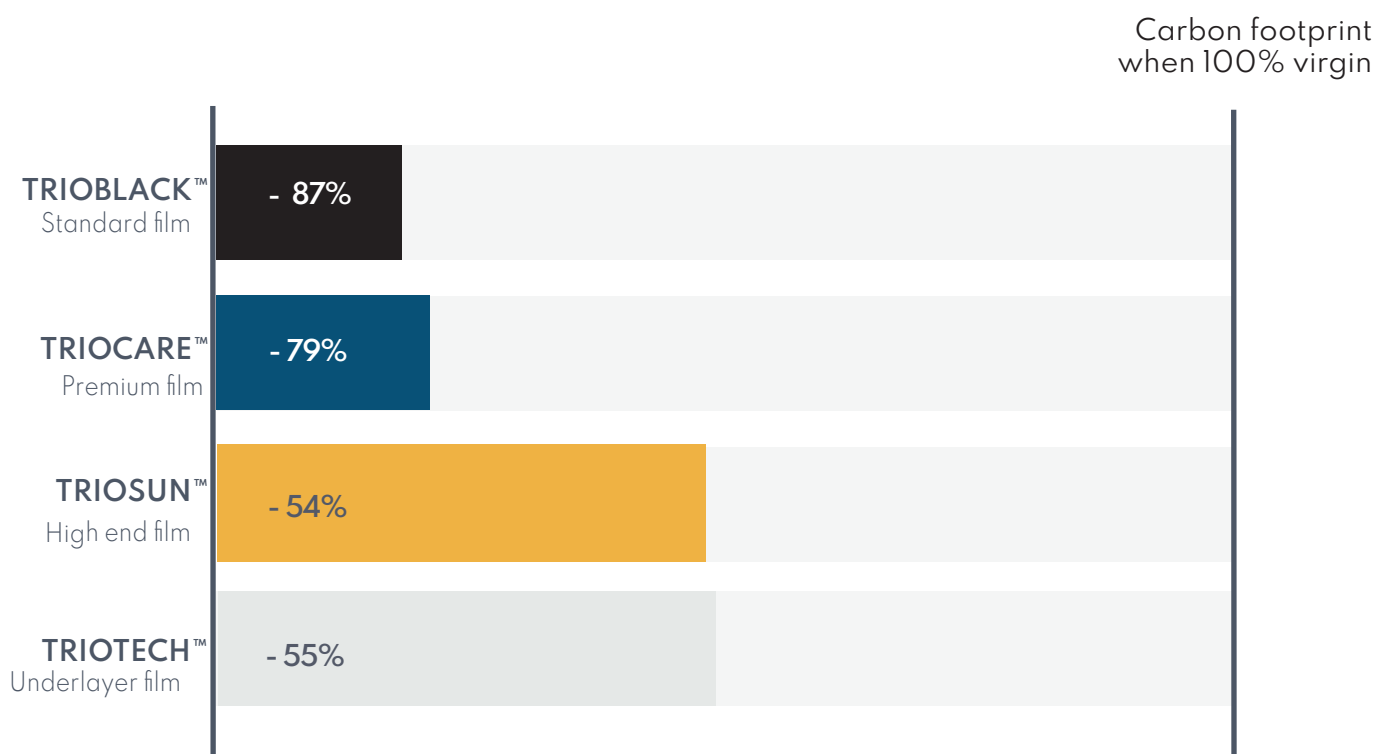
## MEASURING OUR CARBON FOOTPRINT

Life Cycle Assessment (LCA)\* is a method of quantifying each stage of the manufacturing process and measuring the carbon footprint of each product.

The analysis starts with the extraction of the raw material and ends with the management of the product's waste at the end of its life. The greatest responsibility for the carbon footprint lies in the extraction of the raw material.

The reduction in carbon impact through the use of recycled materials is translated into a percentage reduction for each Trioilo product compared to the «same» product made from 100% virgin material.

Below chart shows the carbon footprint reduction when comparing a Trioilo film to an equivalent 100% virgin film:



\* LCA modeled 2020 in SimaPro using data from the ecoinvent inventory database. Reduction in impact when comparing Trioilo products with recycled content to equivalent 100% virgin products, cradle-to-gate.

# OUR RANGE

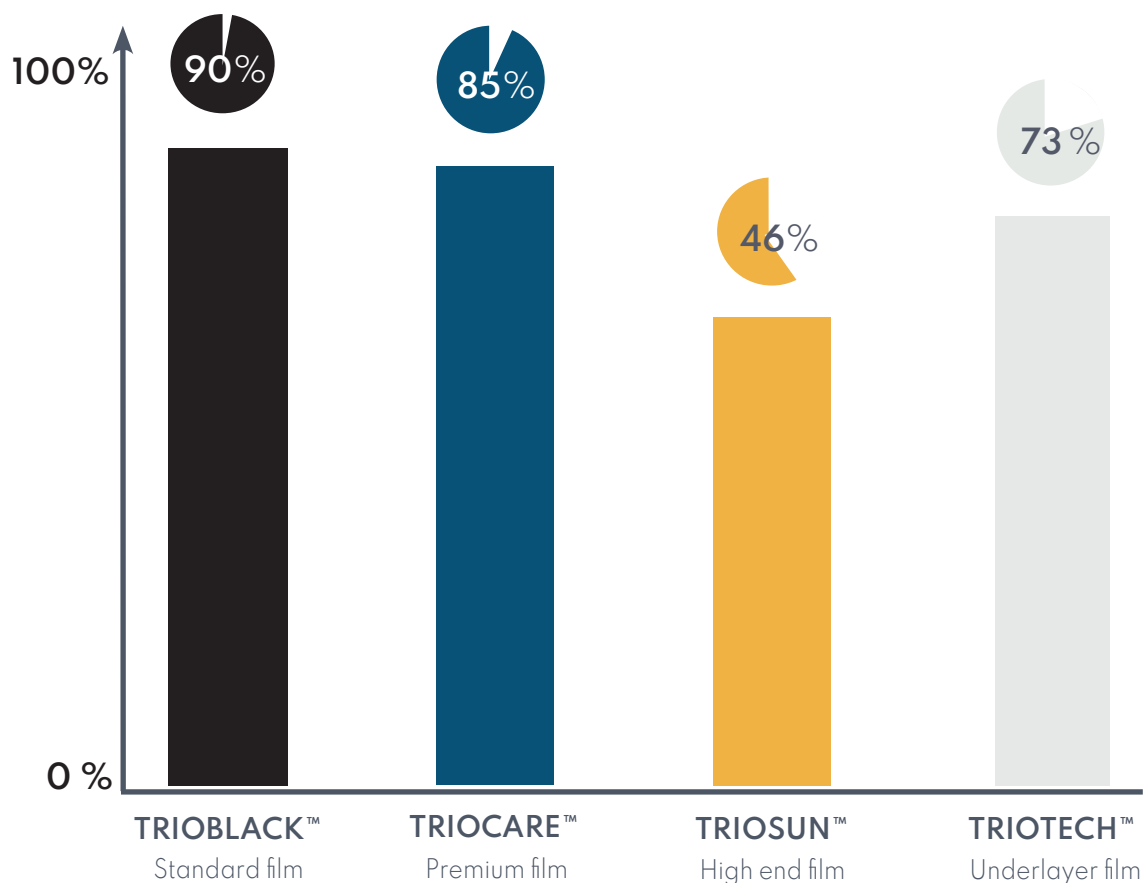
## RECYCLED AND 100% RECYCLABLE

For Triosilo we are continuously working on improving its carbon footprint, the main influencing factor being the content of recycled raw material.

The product range currently contains between 46% and 90% recycled raw material from post-consumer recycling (PCR). The Trioblack and Triocare ranges have been certified by Blue Angel, the oldest eco-certification, which proves the content of minimum 80% PCR in the products.

The achievement of high performance combined with such a high level of eco-design is the result of our unique, worldwide recognised expertise.

Rate of recycled content (Post Consumer Recyclates) in Triosilo products :



# TRIOSUN™

## THE FINEST PROTECTION

Thin high performance film containing minimum 46% recycled raw material from post-consumer recycled (PCR).

Triosun silage film has achieved a technological breakthrough, combining ease of handling, high performance and maximum UV resistance, while meeting the eco-design requirements of the Triosilo range.

The advantages:

- high puncture resistance
- 24 months UV resistance
- Especially strong film, thinner and easier to handle

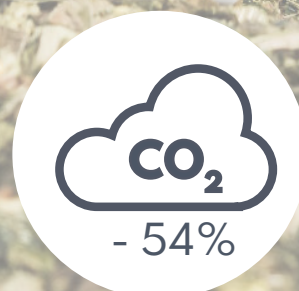
PRODUCT DATA				
Colours	Black/Green	Black	Black/White	White
Width (m)	8 to 18m	10 to 18m	8 to 18m	6 to 18m
Length (m )	50, 300	50, 400	50, 300, 400	30, 50, 300
Thickness (μ)	110	115		





RecyClass

**46%** RECYCLED PLASTIC



# OUR ECO-CERTIFICATIONS:

At Trioworld, we choose to certify each of our processes in our factories, the recycled raw materials we use, and the products we offer.

We develop it, we create it, we certify it.



ISO standards certify the quality of all our processes. ISO 9001 and 14001 certifies the quality and the management of our environmental commitment within the factory.



EuCertPlast

EuCertPlast certifies the integration of recycled raw material from post-consumer recycled (PCR) in the granulates produced in our factory. In 2020, Eucertplast has certified 94% PCR in our recycled granules.



Blue Angel requires a minimum of 80% post consumer recycled material (PCR) regranulates in our products. TRIOBLACK and TRIOCARE films are the first certified silage films.



The MORE label certifies the inclusion of recycled materials in our products.

RecyClass

Recyclass certifies the percentage of recycled raw material used in the product and the traceability throughout the process.





## Efficient & sustainable silage making

We know the hazards and challenges of the harvest season and we can support you with our many years of experience. If you need help, our silage experts and technical support team is there to support you to improve your yield, efficiency and sustainability in your silage making - all over the world.

Find out more on [triosilo.com](http://triosilo.com)

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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.